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| **PEER REVIEWED ARTICLES** |

1. Quincer E, Philipsborn R, Morof D, Salzberg NT, Vitorino P, Ajanovic S, Onyango D, Ogbuanu I, Assefa N, Sow SO, Mutevedzi P, El Arifeen S, Tippet Barr BA, Scott JAG, Mandomando I, Kotloff KL, Jambai A, Akelo V, Cain CJ, Chowdhury AI, Gure T, Igunza KA, Islam F, Keita AM, Madrid L, Mahtab S, Mehta A, Mitei PK, Ntuli C, Ojulong J, Rahman A, Samura S, Sidibe D, Thwala BN, Varo R, **Madhi SA**, Bassat Q, Gurley ES, Blau DM, Whitney CG. Insights on the differentiation of stillbirths and early neonatal deaths: A study from the Child Health and Mortality Prevention Surveillance (CHAMPS) network. PLoS One. 2022 Jul 21;17(7):e0271662. doi: 10.1371/journal.pone.0271662. PMID: 35862419; PMCID: PMC9302850.
2. Gilbert PB, Isbrucker R, Andrews N, Goldblatt D, Heath PT, Izu A, **Madhi SA**, Moulton L, Schrag SJ, Shang N, Siber G, Sobanjo-Ter Meulen A. Methodology for a correlate of protection for group B Streptococcus: Report from the Bill & Melinda Gates Foundation workshop held on 10 and 11 February 2021. Vaccine. 2022 Jul 30;40(32):4283-4291. doi: 10.1016/j.vaccine.2022.05.016. Epub 2022 Jun 29. PMID: 35779963.
3. Cotton MF, **Madhi SA**, Luabeya AK, Tameris M, Hesseling AC, Shenje J, Schoeman E, Hatherill M, Desai S, Kapse D, Brückner S, Koen A, Jose L, Moultrie A, Bhikha S, Walzl G, Gutschmidt A, Kotze LA, Allies DL, Loxton AG, Shaligram U, Abraham M, Johnstone H, Grode L, Kaufmann SHE, Kulkarni PS. Safety and immunogenicity of VPM1002 versus BCG in South African newborn babies: a randomised, phase 2 non-inferiority double-blind controlled trial. Lancet Infect Dis. 2022 Jun 27:S1473-3099(22)00222-5. doi: 10.1016/S1473-3099(22)00222-5. Epub ahead of print. PMID: 35772447.
4. Paul P, Chandna J, Procter SR, Dangor Z, Leahy S, Santhanam S, John HB, Bassat Q, Bramugy J, Bardají A, Abubakar A, Nasambu C, Libster R, Yanotti CS, Seedat F, Horváth-Puhó E, Hossain AKMT, Sadeq-Ur Rahman Q, Jit M, Newton CR, Milner K, Gonçalves BP, Lawn JE; GBS long term outcomes LMIC collaborative group. Neurodevelopmental and growth outcomes after invasive Group B Streptococcus in early infancy: A multi-country matched cohort study in South Africa, Mozambique, India, Kenya, and Argentina. EClinicalMedicine. 2022 Apr 28;47:101358. doi: 10.1016/j.eclinm.2022.101358. PMID: 35747160; PMCID: PMC9142788.
5. Javaid N, Olwagen C, Nzenze S, Hawkins P, Gladstone R, McGee L, Breiman RF, Bentley SD, **Madhi SA**, Lo S. Population genomics of pneumococcal carriage in South Africa following the introduction of the 13-valent pneumococcal conjugate vaccine (PCV13) immunization. Microb Genom. 2022 Jun;8(6). doi: 10.1099/mgen.0.000831. PMID: 35737523.
6. Langley JM, Bianco V, Domachowske JB, **Madhi SA**, Stoszek SK, Zaman K, Bueso A, Ceballos A, Cousin L, D'Andrea U, Dieussaert I, Englund JA, Gandhi S, Gruselle O, Haars G, Jose L, Klein NP, Leach A, Maleux K, Nguyen TL, Puthanakit T, Silas P, Tangsathapornpong A, Teeratakulpisarn J, Vesikari T, Cohen RA. Incidence of respiratory syncytial virus lower respiratory tract infections during the first 2 years of life: A prospective study across diverse global settings. J Infect Dis. 2022 Jun 6:jiac227. doi: 10.1093/infdis/jiac227. Epub ahead of print. PMID: 35668702.
7. Nunes MC, **Madhi SA**. COVID-19 vaccines in pregnancy. Trends Mol Med. 2022 May 3:S1471-4914(22)00108-3. doi: 10.1016/j.molmed.2022.04.012. Epub ahead of print. PMID: 35610123; PMCID: PMC9061132.
8. Li Y, Wang X, Blau DM, Caballero MT, Feikin DR, Gill CJ, **Madhi SA**, Omer SB, Simões EAF, Campbell H, Pariente AB, Bardach D, Bassat Q, Casalegno JS, Chakhunashvili G, Crawford N, Danilenko D, Do LAH, Echavarria M, Gentile A, Gordon A, Heikkinen T, Huang QS, Jullien S, Krishnan A, Lopez EL, Markić J, Mira-Iglesias A, Moore HC, Moyes J, Mwananyanda L, Nokes DJ, Noordeen F, Obodai E, Palani N, Romero C, Salimi V, Satav A, Seo E, Shchomak Z, Singleton R, Stolyarov K, Stoszek SK, von Gottberg A, Wurzel D, Yoshida LM, Yung CF, Zar HJ; Respiratory Virus Global Epidemiology Network, Nair H; RESCEU investigators. Global, regional, and national disease burden estimates of acute lower respiratory infections due to respiratory syncytial virus in children younger than 5 years in 2019: a systematic analysis. Lancet. 2022 May 28;399(10340):2047-2064. doi: 10.1016/S0140-6736(22)00478-0. Epub 2022 May 19. PMID: 35598608.
9. Park DE, Watson NL, Focht C, Feikin D, Hammit L, Brooks WA, Howie SRC, Kotloff KL, Levine OS, **Madhi SA**, Murdoch DR, O'Brien KL, Scott JAG, Thea DM, Amorninthapichet T, Awori J, Bunthi C, Ebruke B, Elhilali M, Higdon M, Hossain L, Jahan Y, Moore DP, Mulindwa J, Mwananyanda L, Naorat S, Prosperi C, Thamthitiwat S, Verwey C, Jablonski KA, Power MC, Young HA, Deloria Knoll M, McCollum ED. Digitally recorded and remotely classified lung auscultation compared with conventional stethoscope classifications among children aged 1-59 months enrolled in the Pneumonia Etiology Research for Child Health (PERCH) case-control study. BMJ Open Respir Res. 2022 May;9(1):e001144. doi: 10.1136/bmjresp-2021-001144. PMID: 35577452; PMCID: PMC9115042.
10. Motsoeneng BM, Dhar N, Nunes MC, Krammer F, **Madhi SA**, Moore PL, Richardson SI. Influenza Vaccination Results in Differential Hemagglutinin Stalk-Specific Fc-Mediated Functions in Individuals Living With or Without HIV. Front Immunol. 2022 Apr 19;13:873191. doi: 10.3389/fimmu.2022.873191. PMID: 35514992; PMCID: PMC9062095.
11. Gonçalves BP, Procter SR, Paul P, Chandna J, Lewin A, Seedat F, Koukounari A, Dangor Z, Leahy S, Santhanam S, John HB, Bramugy J, Bardají A, Abubakar A, Nasambu C, Libster R, Sánchez Yanotti C, Horváth-Puhó E, Sørensen HT, van de Beek D, Bijlsma MW, Gardner WM, Kassebaum N, Trotter C, Bassat Q, **Madhi SA**, Lambach P, Jit M, Lawn JE; GBS Danish and Dutch collaborative group for long term outcomes; GBS Low and Middle Income Countries collaborative group for long term outcomes; GBS Scientific Advisory Group, epidemiological sub-group; CHAMPS team. Group B streptococcus infection during pregnancy and infancy: estimates of regional and global burden. Lancet Glob Health. 2022 Jun;10(6):e807-e819. doi: 10.1016/S2214-109X(22)00093-6. Epub 2022 Apr 28. Erratum in: Lancet Glob Health. 2022 May 12;: PMID: 35490693; PMCID: PMC9090904.
12. **Madhi SA**, Moodley D, Hanley S, Archary M, Hoosain Z, Lalloo U, Louw C, Fairlie L, Fouche LF, Masilela MSL, Singh N, Grobbelaar C, Ahmed K, Benadé G, Bhikha S, Bhorat AE, Bhorat Q, Joseph N, Dheda K, Esmail A, Foulkes S, Goga A, Oommen Jose A, Kruger G, Kalonji DJ, Lalloo N, Lombaard JJ, Lombard Koen A, Kany Luabeya A, Mngqibisa R, Petrick FG, Pitsi A, Tameris M, Thombrayil A, Vollgraaff PL, Cloney-Clark S, Zhu M, Bennett C, Albert G, Faust E, Plested JS, Fries L, Robertson A, Neal S, Cho I, Glenn GM, Shinde V; 2019nCoV-501 Study Group. Immunogenicity and safety of a SARS-CoV-2 recombinant spike protein nanoparticle vaccine in people living with and without HIV-1 infection: a randomised, controlled, phase 2A/2B trial. Lancet HIV. 2022 May;9(5):e309-e322. doi: 10.1016/S2352-3018(22)00041-8. PMID: 35489376; PMCID: PMC9045746.
13. Rees CA, Colbourn T, Hooli S, King C, Lufesi N, McCollum ED, Mwansambo C, Cutland C, **Madhi SA**, Nunes M, Matthew JL, Addo-Yobo E, Chisaka N, Hassan M, Hibberd PL, Jeena PM, Lozano JM, MacLeod WB, Patel A, Thea DM, Nguyen NTV, Kartasasmita CB, Lucero M, Awasthi S, Bavdekar A, Chou M, Nymadawa P, Pape JW, Paranhos-Baccala G, Picot VS, Rakoto-Andrianarivelo M, Rouzier V, Russomando G, Sylla M, Vanhems P, Wang J, Asghar R, Banajeh S, Iqbal I, Maulen-Radovan I, Mino-Leon G, Saha SK, Santosham M, Singhi S, Basnet S, Strand TA, Bhatnagar S, Wadhwa N, Lodha R, Aneja S, Clara AW, Campbell H, Nair H, Falconer J, Qazi SA, Nisar YB, Neuman MI; World Health Organization PREPARE study group. Derivation and validation of a novel risk assessment tool to identify children aged 2-59 months at risk of hospitalised pneumonia-related mortality in 20 countries. BMJ Glob Health. 2022 Apr;7(4):e008143. doi: 10.1136/bmjgh-2021-008143. PMID: 35428680; PMCID: PMC9014031.
14. Mogire RM, Muriuki JM, Morovat A, Mentzer AJ, Webb EL, Kimita W, Ndungu FM, Macharia AW, Cutland CL, Sirima SB, Diarra A, Tiono AB, Lule SA, **Madhi SA**, Prentice AM, Bejon P, Pettifor JM, Elliott AM, Adeyemo A, Williams TN, Atkinson SH. Vitamin D Deficiency and Its Association with Iron Deficiency in African Children. Nutrients. 2022 Mar 25;14(7):1372. doi: 10.3390/nu14071372. PMID: 35405984; PMCID: PMC9002534.
15. Johnstone SL, Page NA, Groome MJ, **Madhi SA**, Mutevedzi P, Thomas J. Identifying gaps in hand hygiene practice to support tailored target audience messaging in Soweto: A cross-sectional community survey. S Afr J Infect Dis. 2022 Mar 31;37(1):339. doi: 10.4102/sajid.v37i1.339. PMID: 35399561; PMCID: PMC8991282.
16. Scheepers C, Everatt J, Amoako DG, Tegally H, Wibmer CK, Mnguni A, Ismail A, Mahlangu B, Lambson BE, Martin DP, Wilkinson E, San JE, Giandhari J, Manamela N, Ntuli N, Kgagudi P, Cele S, Richardson SI, Pillay S, Mohale T, Ramphal U, Naidoo Y, Khumalo ZT, Kwatra G, Gray G, Bekker LG, **Madhi SA**, Baillie V, Van Voorhis WC, Treurnicht FK, Venter M, Mlisana K, Wolter N, Sigal A, Williamson C, Hsiao NY, Msomi N, Maponga T, Preiser W, Makatini Z, Lessells R, Moore PL, de Oliveira T, von Gottberg A, Bhiman JN. Emergence and phenotypic characterization of the
17. global SARS-CoV-2 C.1.2 lineage. Nat Commun. 2022 Apr 8;13(1):1976. doi: 10.1038/s41467-022-29579-9. PMID: 35396511; PMCID: PMC8993834.
18. Ramocha LM, van den Hoogen BG, Baillie V, van Nieuwkoop S, Cutland CL, Jones S, Moultrie A, Izu A, Verwey C, **Madhi SA**, Dorfman JR. Fetal Transfer of Human Metapneumovirus-Neutralizing Antibodies Is Reduced From Mothers Living With HIV-1. J Pediatric Infect Dis Soc. 2022 Apr 7:piac018. doi: 10.1093/jpids/piac018. Epub ahead of print. PMID: 35390156.
19. Izu A, Kwatra G, **Madhi SA**, Rigat F. Estimation of invasive Group B Streptococcus disease risk in young infants from case-control serological studies. BMC Med Res Methodol. 2022 Mar 27;22(1):85. doi: 10.1186/s12874-022-01529-5. PMID: 35350991; PMCID: PMC8961496.
20. Chibwana MG, Moyo-Gwete T, Kwatra G, Mandolo J, Hermanaus T, Motlou T, Mzindle N, Ayres F, Chaponda M, Tembo G, Mwenechanya P, Mitole N, Jassi C, Kamng'ona R, Afran L, Mzinza D, Mwandumba HC, Gordon SB, Jere K, Madhi S, Moore PL, Heyderman RS, Jambo KC. AstraZeneca COVID-19 vaccine induces robust broadly cross-reactive antibody responses in Malawian adults previously infected with SARS-CoV-2. BMC Med. 2022 Mar 28;20(1):128. doi: 10.1186/s12916-022-02342-z. PMID: 35346184; PMCID: PMC8958481.
21. Nunes MC, Mbotwe-Sibanda S, Baillie VL, Kwatra G, Aguas R, **Madhi SA**, On Behalf Of The Wits Vida Hcw Study Group. SARS-CoV-2 Omicron Symptomatic Infections in Previously Infected or Vaccinated South African Healthcare Workers. Vaccines (Basel). 2022 Mar 17;10(3):459. doi: 10.3390/vaccines10030459. PMID: 35335091; PMCID: PMC8951475.
22. Domachowske J, **Madhi SA**, Simões EAF, Atanasova V, Cabañas F, Furuno K,Garcia-Garcia ML, Grantina I, Nguyen KA, Brooks D, Chang Y, Leach A, Takas T, Yuan Y, Griffin MP, Mankad VS, Villafana T; MEDLEY Study Group. Safety of Nirsevimab for RSV in Infants with Heart or Lung Disease or Prematurity. N Engl J Med. 2022 Mar 3;386(9):892-894. doi: 10.1056/NEJMc2112186. PMID: 35235733.
23. Hammitt LL, Dagan R, Yuan Y, Baca Cots M, Bosheva M, **Madhi SA**, Muller WJ, Zar HJ, Brooks D, Grenham A, Wählby Hamrén U, Mankad VS, Ren P, Takas T, Abram ME, Leach A, Griffin MP, Villafana T; MELODY Study Group. Nirsevimab for Prevention of RSV in Healthy Late-Preterm and Term Infants. N Engl J Med. 2022 Mar 3;386(9):837-846. doi: 10.1056/NEJMoa2110275. PMID: 35235726.
24. **Madhi SA,** Kwatra G, Myers JE, Jassat W, Dhar N, Mukendi CK, Nana AJ, Blumberg L, Welch R, Ngorima-Mabhena N, Mutevedzi PC. Population Immunity and Covid-19 Severity with Omicron Variant in South Africa. N Engl J Med. 2022 Feb 23. doi: 10.1056/NEJMoa2119658. Epub ahead of print. PMID: 35196424.
25. **Madhi SA,** Ihekweazu C, Rees H, Pollard AJ. Decoupling of omicron variant infections and severe COVID-19. Lancet. 2022 Feb 18:S0140-6736(22)00109-X. doi: 10.1016/S0140-6736(22)00109-X. Epub ahead of print. PMID: 35189080; PMCID: PMC8856666.
26. Kochhar S, Barreira D, Beattie P, Cavaleri M, Cravioto A, Frick MW, Ginsberg AM, Hudson I, Kaslow DC, Kurtz S, Lienhardt C, **Madhi SA,** Morgan C, Momeni Y, Patel D, Rees H, Rogalski-Salter T, Schmidt A, Semete-Makokotlela B, Voss G, White RG, Zignol M, Giersing B. Building the concept for WHO Evidence Considerations for Vaccine Policy (ECVP): Tuberculosis vaccines intended for adults and adolescents as a test case. Vaccine. 2022 Feb 11:S0264-410X(21)01395-5. doi: 10.1016/j.vaccine.2021.10.062. Epub ahead of print. PMID: 35164990.
27. Dejnirattisai W, Huo J, Zhou D, Zahradník J, Supasa P, Liu C, Duyvesteyn HME, Ginn HM, Mentzer AJ, Tuekprakhon A, Nutalai R, Wang B, Dijokaite A, Khan S, Avinoam O, Bahar M, Skelly D, Adele S, Johnson SA, Amini A, Ritter TG, Mason C, Dold C, Pan D, Assadi S, Bellass A, Omo-Dare N, Koeckerling D, Flaxman A, Jenkin D, Aley PK, Voysey M, Costa Clemens SA, Naveca FG, Nascimento V, Nascimento F, Fernandes da Costa C, Resende PC, Pauvolid-Correa A, Siqueira MM, Baillie V, Serafin N, Kwatra G, Da Silva K, **Madhi SA,** Nunes MC, Malik T, Openshaw PJM, Baillie JK, Semple MG, Townsend AR, Huang KA, Tan TK, Carroll MW, Klenerman P, Barnes E, Dunachie SJ, Constantinides B, Webster H, Crook D, Pollard AJ, Lambe T; OPTIC Consortium; ISARIC4C Consortium, Paterson NG, Williams MA, Hall DR, Fry EE, Mongkolsapaya J, Ren J, Schreiber G, Stuart DI, Screaton GR. SARS-CoV-2 Omicron-B.1.1.529 leads to widespread escape from neutralizing antibody responses. Cell. 2022 Feb 3;185(3):467-484.e15. doi: 10.1016/j.cell.2021.12.046. Epub 2022 Jan 4. PMID: 35081335; PMCID: PMC8723827.
28. Nunes MC, Hale MJ, Mahtab S, Mabena FC, Dludlu N, Baillie VL, Thwala BN, Els T, du Plessis J, Laubscher M, Mckenzie S, Mtshali S, Menezes C, Serafin N, van Blydenstein S, Tsitsi M, Dulisse B, **Madhi SA.** Clinical characteristics and histopathology of COVID-19 related deaths in South African adults. PLoS One. 2022 Jan 20;17(1):e0262179. doi: 10.1371/journal.pone.0262179. PMID: 35051205; PMCID: PMC8775212.
29. Cable J, Rappuoli R, Klemm EJ, Kang G, Mutreja A, Wright GJ, Pizza M, Castro SA, Hoffmann JP, Alter G, Carfi A, Pollard AJ, Krammer F, Gupta RK, Wagner CE, Machado V, Modjarrad K, Corey L, B Gilbert P, Dougan G, Lurie N, Bjorkman PJ, Chiu C, Nemes E, Gordon SB, Steer AC, Rudel T, Blish CA, Sandberg JT, Brennan K, Klugman KP, Stuart LM, **Madhi SA,** Karp CL. Innovative vaccine approaches-a Keystone Symposia report. Ann N Y Acad Sci. 2022 Jan 14. doi: 10.1111/nyas.14739. Epub ahead of print. PMID: 35029310.
30. Francis JD, Guevara MA, Lu J, **Madhi SA,** Kwatra G, Aronoff DM, Manning SD, Gaddy JA. The antimicrobial activity of zinc against group B Streptococcus is strain-dependent across diverse sequence types, capsular serotypes, and invasive versus colonizing isolates. BMC Microbiol. 2022 Jan 13;22(1):23. doi: 10.1186/s12866-021-02428-3. PMID: 35026981; PMCID: PMC8756620.
31. Alli HD, Ally N, Mayet I, Joseph L, Omar SV, **Madhi SA.** Tubercular Uveitis in Uveitis Cases in a High TB and HIV Setting: A Prospective Cohort Study. Transl Vis Sci Technol. 2022 Jan 3;11(1):9. doi: 10.1167/tvst.11.1.9. PMID: 35006262; PMCID: PMC8762688.
32. Abu-Raya B, **Madhi SA,** Omer SB, Amirthalingam G, Giles ML, Flanagan KL, Zimmermann P, O'Ryan M, Safadi MA, Papaevangelou V, Maertens K, Wanlapakorn N, Diaz-Brito V, Tommelein E, Esposito S. Global Perspectives on Immunization Against SARS-CoV-2 During Pregnancy and Priorities for Future Research: An International Consensus Paper From the World Association of Infectious Diseases and Immunological Disorders. Front Immunol. 2021 Dec 23;12:808064. doi: 10.3389/fimmu.2021.808064. PMID: 35003137; PMCID: PMC8733958.
33. Alli HD, Ally N, Mayet I, Joseph L, Omar S, Madhi S. Treatment Outcome of Tubercular Uveitis in a High TB and HIV Setting: A Prospective Cohort Study. Clin Ophthalmol. 2021 Dec 30;15:4839-4846. doi: 10.2147/OPTH.S342268. PMID: 35002219; PMCID: PMC8722693.
34. Car KP, Nakwa F, Solomon F, Velaphi SC, Tann CJ, Izu A, Lala SG, **Madhi SA,** Dangor Z. The association between early-onset sepsis and neonatal encephalopathy. J Perinatol. 2022 Jan 10. doi: 10.1038/s41372-021-01290-5. Epub ahead of print. PMID: 35001084.
35. Dejnirattisai W, Huo J, Zhou D, Zahradník J, Supasa P, Liu C, Duyvesteyn HME, Ginn HM, Mentzer AJ, Tuekprakhon A, Nutalai R, Wang B, Dijokaite A, Khan S, Avinoam O, Bahar M, Skelly D, Adele S, Johnson SA, Amini A, Ritter T, Mason C, Dold C, Pan D, Assadi S, Bellass A, Omo-Dare N, Koeckerling D, Flaxman A, Jenkin D, Aley PK, Voysey M, Clemens SAC, Naveca FG, Nascimento V, Nascimento F, Fernandes da Costa C, Resende PC, Pauvolid-Correa A, Siqueira MM, Baillie V, Serafin N, Ditse Z, Da Silva K, **Madhi SA,** Nunes MC, Malik T, Openshaw PJ, Baillie JK, Semple MG, Townsend AR, Huang KA, Tan TK, Carroll MW, Klenerman P, Barnes E, Dunachie SJ, Constantinides B, Webster H, Crook D, Pollard AJ, Lambe T; OPTIC consortium; ISARIC4C consortium, Paterson NG, Williams MA, Hall DR, Fry EE, Mongkolsapaya J, Ren J, Schreiber G, Stuart DI, Screaton GR. Omicron-B.1.1.529 leads to widespread escape from neutralizing antibody responses. bioRxiv [Preprint]. 2021 Dec 22:2021.12.03.471045. doi: 10.1101/2021.12.03.471045. Update in: Cell. 2022 Feb 3;185(3):467-484.e15. PMID: 34981049; PMCID: PMC8722586.
36. **Madhi SA.** COVID-19 herd immunity v. learning to live with the virus. S Afr Med J. 2021 Aug 5;111(9):852-856. doi: 10.7196/SAMJ.2021.v111i9.16005. PMID: 34949249.
37. Omar MAK, Jassat W, Brey Z, Parker S, Wadee M, Wadee S, **Madhi SA.** A call to action: Temporal trends of COVID-19 deaths in the South African Muslim community. S Afr Med J. 2021 Jul 14;111(9):13348. doi: 10.7196/SAMJ.2021.v111i9.15929. PMID: 34949242.
38. McIntyre PB, Aggarwal R, Jani I, Jawad J, Kochhar S, MacDonald N, **Madhi SA,** Mohsni E, Mulholland K, Neuzil KM, Nohynek H, Olayinka F, Pitisuttithum P, Pollard AJ, Cravioto A. COVID-19 vaccine strategies must focus on severe disease and global equity. Lancet. 2022 Jan 22;399(10322):406-410. doi: 10.1016/S0140-6736(21)02835-X. Epub 2021 Dec 16. PMID: 34922639; PMCID: PMC8676417.
39. Downs SL, **Madhi SA,** Van der Merwe L, Nunes MC, Olwagen CP. High-throughput nanofluidic real-time PCR to discriminate Pneumococcal Conjugate Vaccine (PCV)-associated serogroups 6, 18, and 22 to serotypes using modified oligonucleotides. Sci Rep. 2021 Dec 9;11(1):23728. doi: 10.1038/s41598-021-03127-9. PMID: 34887480; PMCID: PMC8660885.
40. Mendelson M, Venter F, Moshabela M, Gray G, Blumberg L, de Oliveira T, **Madhi SA.** The political theatre of the UK's travel ban on South Africa. Lancet. 2021 Dec 18;398(10318):2211-2213. doi: 10.1016/S0140-6736(21)02752-5. Epub 2021 Dec 3. PMID: 34871546; PMCID: PMC8641956.
41. Kwatra G, Nunes M, Dhar N, Baillie V, Serafin N, Jones S, **Madhi SA.** Correlation of dried blood spots and plasma for quantification of Immunoglobulin (IgG) against Receptor binding domain and full length spike protein of SARS-CoV-2. J Virol Methods. 2022 Feb;300:114394. doi: 10.1016/j.jviromet.2021.114394. Epub 2021 Nov 30. PMID: 34861318; PMCID: PMC8631068.
42. Mangeni NS, Solomon F, Velaphi S, Izu A, **Madhi SA,** Dangor Z, Lala SG. Sepsis in previously healthy neonates discharged home after delivery in Soweto, South Africa. S Afr Med J. 2021 Apr 30;111(5):432-436. doi: 10.7196/SAMJ.2021.v111i5.15181. PMID: 34852884.
43. Venter WDF, **Madhi SA,** Nel J, Mendelson M, Van den Heever A, Moshabela M. South Africa should be using all the COVID-19 vaccines available to it - urgently. S Afr Med J. 2021 Mar 25;111(5):390-392. doi: 10.7196/SAMJ.2021.v111i5.15716. PMID: 34852876.
44. Kufa T, Jassat W, Cohen C, Tempia S, Masha M, Wolter N, Walaza S, von Gottburg A, Govender NP, Hunt G, Shonhiwa AM, Ebonwu J, Ntshoe G, Maruma W, Bapela P, Ndhlovu N, Mathema H, Modise M, Shuping L, Manana PN, Moore D, Dangor Z, Verwey C, **Madhi SA,** Saloojee H, Zar HJ, Blumberg L. Epidemiology of SARS- CoV-2 infection and SARS-CoV-2 positive hospital admissions among children in South Africa. Influenza Other Respir Viruses. 2022 Jan;16(1):34-47. doi: 10.1111/irv.12916. Epub 2021 Nov 18. PMID: 34796674.
45. Rees CA, Hooli S, King C, McCollum ED, Colbourn T, Lufesi N, Mwansambo C, Lazzerini M, **Madhi SA,** Cutland C, Nunes M, Gessner BD, Basnet S, Kartasasmita CB, Mathew JL, Zaman SMAU, Paranhos-Baccala G, Bhatnagar S, Wadhwa N, Lodha R, Aneja S, Santosham M, Picot VS, Sylla M, Awasthi S, Bavdekar A, Pape JW, Rouzier V, Chou M, Rakoto-Andrianarivelo M, Wang J, Nymadawa P, Vanhems P, Russomando G, Asghar R, Banajeh S, Iqbal I, MacLeod W, Maulen-Radovan I, Mino G, Saha S, Singhi S, Thea DM, Clara AW, Campbell H, Nair H, Falconer J, Williams LJ, Horne M, Strand T, Qazi SA, Nisar YB, Neuman MI; World Health Organization PREPARE study group48. External validation of the RISC, RISC-Malawi, and PERCH clinical prediction rules to identify risk of death in children hospitalized with pneumonia. J Glob Health. 2021 Oct 9;11:04062. doi: 10.7189/jogh.11.04062. PMID: 34737862; PMCID: PMC8542381.
46. Nunes MC, Johnson MJ, Kwatra G, Weinberg A, Madhi SA. T-cell responses to SARS-CoV-2 in unexposed South African women. Gates Open Res. 2021 Oct 6;5:150. doi: 10.12688/gatesopenres.13373.1. PMID: 35903460; PMCID: PMC9279637
47. Harden LM, Leahy S, Lala SG, Paul P, Chandna J, Lowick S, Mbatha S, Jaye T, Laughton B, Ghoor A, Sithole P, Msayi J, Kumalo N, Msibi TN, **Madhi SA,** Lawn JE, Dangor Z. South African Children: A Matched Cohort Study of Neurodevelopmental Impairment in Survivors of Invasive Group B Streptococcus Disease Aged 5 to 8 Years. Clin Infect Dis. 2022 Jan 20;74(Supplement\_1):S5-S13. doi: 10.1093/cid/ciab814. PMID: 34725706; PMCID: PMC8776309.
48. Aerts C, Leahy S, Mucasse H, Lala S, Bramugy J, Tann CJ, **Madhi SA,** Bardají A, Bassat Q, Dangor Z, Lawn JE, Jit M, Procter SR. Quantifying the Acute Care Costs of Neonatal Bacterial Sepsis and Meningitis in Mozambique and South Africa. Clin Infect Dis. 2022 Jan 20;74(Supplement\_1):S64-S69. doi: 10.1093/cid/ciab815. PMID: 34725702; PMCID: PMC8776306.
49. Mutevedzi PC, Kawonga M, Kwatra G, Moultrie A, Baillie V, Mabena N, Mathibe MN, Rafuma MM, Maposa I, Abbott G, Hugo J, Ikalafeng B, Adelekan T, Lukhele M, **Madhi SA.** Estimated SARS-CoV-2 infection rate and fatality risk in Gauteng Province, South Africa: a population-based seroepidemiological survey. Int J Epidemiol. 2021 Oct 30:dyab217. doi: 10.1093/ije/dyab217. Epub ahead of print. PMID: 34718591; PMCID: PMC8689871.
50. Dangor Z, Kwatra G, Izu A, Khan M, Lala SG, **Madhi SA.** Infant serotype specific anti-capsular immunoglobulin G antibody and risk of invasive group B Streptococcal disease. Vaccine. 2021 Nov 16;39(47):6813-6816. doi: 10.1016/j.vaccine.2021.10.022. Epub 2021 Oct 20. PMID: 34688499.
51. Hillson K, Clemens SC, **Madhi SA,** Voysey M, Pollard AJ, Minassian AM; Oxford COVID Vaccine Trial Group. Fertility rates and birth outcomes after ChAdOx1 nCoV-19 (AZD1222) vaccination. Lancet. 2021 Nov 6;398(10312):1683-1684. doi: 10.1016/S0140-6736(21)02282-0. Epub 2021 Oct 21. PMID: 34688353; PMCID: PMC8530465.
52. Alli HD, Ally N, Mayet I, Dangor Z, **Madhi SA.** Global prevalence and clinical outcomes of tubercular uveitis: a systematic review and meta-analysis. Surv Ophthalmol. 2021 Oct 7:S0039-6257(21)00189-2. doi: 10.1016/j.survophthal.2021.10.001. Epub ahead of print. PMID: 34626620.
53. Breiman RF, Blau DM, Mutevedzi P, Akelo V, Mandomando I, Ogbuanu IU, Sow SO, Madrid L, El Arifeen S, Garel M, Thwala NB, Onyango D, Sitoe A, Bassey IA, Keita AM, Alemu A, Alam M, Mahtab S, Gethi D, Varo R, Ojulong J, Samura S, Mehta A, Ibrahim AM, Rahman A, Vitorino P, Baillie VL, Agaya J, Tapia MD, Assefa N, Chowdhury AI, Scott JAG, Gurley ES, Kotloff KL, Jambai A, Bassat Q, Tippett-Barr BA, **Madhi SA,** Whitney CG; CHAMPS Consortium. Postmortem investigations and identification of multiple causes of child deaths: An analysis of findings from the Child Health and Mortality Prevention Surveillance (CHAMPS) network. PLoS Med. 2021 Sep 30;18(9):e1003814. doi: 10.1371/journal.pmed.1003814. PMID: 34591862; PMCID: PMC8516282.
54. Blau DM, Baillie VL, Els T, Mahtab S, Mutevedzi P, Keita AM, Kotloff KL, Mehta A, Sow SO, Tapia MD, Tippett Barr BA, Oluoch BO, Onyango C, Revathi G, Verani JR, Abayneh M, Assefa N, Madrid L, Oundo JO, Scott JAG, Bassat Q, Mandomando I, Sitoe A, Valente M, Varo R, Bassey IA, Cain CJ, Jambai A, Ogbuanu I, Ojulong J, Alam M, El Arifeen S, Gurley ES, Rahman A, Rahman M, Waller JL, Dewey B, Breiman RF, Whitney CG, **Madhi SA**; CHAMPS Consortium. Deaths Attributed to Respiratory Syncytial Virus in Young Children in High-Mortality Rate Settings: Report from Child Health and Mortality Prevention Surveillance (CHAMPS). Clin Infect Dis. 2021 Sep 2;73(Suppl\_3):S218-S228. doi: 10.1093/cid/ciab509. PMID: 34472577; PMCID: PMC8411256.
55. Mazur NI, Löwensteyn YN, Willemsen JE, Gill CJ, Forman L, Mwananyanda LM, Blau DM, Breiman RF, **Madhi SA,** Mahtab S, Gurley ES, El Arifeen S, Assefa N, Scott JAG, Onyango D, Tippet Barr BA, Kotloff KL, Sow SO, Mandomando I, Ogbuanu I, Jambai A, Bassat Q; CHAMPS Network the RSV GOLD Study Group, Caballero MT, Polack FP, Omer S, Kazi AM, Simões EAF, Satav A, Bont LJ. Global Respiratory Syncytial Virus-Related Infant Community Deaths. Clin Infect Dis. 2021 Sep 2;73(Suppl\_3):S229-S237. doi: 10.1093/cid/ciab528. PMID: 34472576; PMCID: PMC8411255.
56. Zar HJ, Moore DP, Andronikou S, Argent AC, Avenant T, Cohen C, Green RJ, Itzikowitz G, Jeena P, Masekela R, Nicol MP, Pillay A, Reubenson G, **Madhi SA.** Diagnosis and management of community-acquired pneumonia in children: South African Thoracic Society guidelines. Afr J Thorac Crit Care Med. 2020 Oct 13;26(3):10.7196/AJTCCM.2020.v26i3.104. doi: 10.7196/AJTCCM.2020.v26i3.104. PMID: 34471872; PMCID: PMC7433705.
57. Kurokawa N, Robinson MK, Bernard C, Kawaguchi Y, Koujin Y, Koen A, **Madhi SA,** Polasek TM, McNeal M, Dargis M, Couture MM, Trépanier S, Forrest BD, Tsutsui N. Safety and immunogenicity of a plant-derived rotavirus-like particle vaccine in adults, toddlers and infants. Vaccine. 2021 Sep 15;39(39):5513-5523. doi: 10.1016/j.vaccine.2021.08.052. Epub 2021 Aug 25. PMID: 34454786.
58. Baillie VL, Moore DP, Mathunjwa A, Park DE, Thea DM, Kwenda G, Mwananyanda L, **Madhi SA.** Epidemiology and Seasonality of Endemic Human Coronaviruses in South African and Zambian Children: A Case-Control Pneumonia Study. Viruses. 2021 Jul 31;13(8):1513. doi: 10.3390/v13081513. PMID: 34452378; PMCID: PMC8402793.
59. Moore DP, Baillie VL, Mudau A, Wadula J, Adams T, Mangera S, Verwey C, Sipambo N, Liberty A, Prosperi C, Higdon MM, Haddix M, Hammitt LL, Feikin DR, O'Brien KL, Deloria Knoll M, Murdoch DR, Simões EAF, **Madhi SA.** The Etiology of Pneumonia in HIV-1-infected South African Children in the Era of Antiretroviral Treatment: Findings From the Pneumonia Etiology Research for Child Health (PERCH) Study. Pediatr Infect Dis J. 2021 Sep 1;40(9S):S69-S78. doi: 10.1097/INF.0000000000002651. PMID: 34448746; PMCID: PMC8448402.
60. Moore DP, Baillie VL, Mudau A, Wadula J, Adams T, Mangera S, Verwey C, Prosperi C, Higdon MM, Haddix M, Hammitt LL, Feikin DR, O'Brien KL, Deloria Knoll M, Murdoch DR, Simões EAF, **Madhi SA.** The Etiology of Pneumonia in HIV- uninfected South African Children: Findings From the Pneumonia Etiology Research for Child Health (PERCH) Study. Pediatr Infect Dis J. 2021 Sep 1;40(9S):S59-S68. doi: 10.1097/INF.0000000000002650. PMID: 34448745; PMCID: PMC8448398.
61. Deloria Knoll M, Prosperi C, Baggett HC, Brooks WA, Feikin DR, Hammitt LL, Howie SRC, Kotloff KL, **Madhi SA,** Murdoch DR, Scott JAG, Thea DM, O'Brien KL. Introduction to the Site-specific Etiologic Results From the Pneumonia Etiology Research for Child Health (PERCH) Study. Pediatr Infect Dis J. 2021 Sep 1;40(9S):S1-S6. doi: 10.1097/INF.0000000000002778. PMID: 34448739; PMCID: PMC8448396.
62. **Madhi SA,** Koen AL, Izu A, Fairlie L, Cutland CL, Baillie V, Padayachee SD, Dheda K, Barnabas SL, Bhorat QE, Briner C, Aley PK, Bhikha S, Hermanus T, Horne E, Jose A, Kgagudi P, Lambe T, Masenya M, Masilela M, Mkhize N, Moultrie A, Mukendi CK, Moyo-Gwete T, Nana AJ, Nzimande A, Patel F, Rhead S, Taoushanis C, Thombrayil A, van Eck S, Voysey M, Villafana TL, Vekemans J, Gilbert SC, Pollard AJ, Moore PL, Kwatra G; Wits VIDA COVID team. Safety and immunogenicity of the ChAdOx1 nCoV-19 (AZD1222) vaccine against SARS-CoV-2 in people living with and without HIV in South Africa: an interim analysis of a randomised, double-blind, placebo-controlled, phase 1B/2A trial. Lancet HIV. 2021 Sep;8(9):e568-e580. doi: 10.1016/S2352-3018(21)00157-0. Epub 2021 Aug 17. PMID: 34416193; PMCID: PMC8372504.
63. Mabena FC, Baillie VL, Hale MJ, Thwala BN, Mthembu N, Els T, Serafin N, du Plessis J, Swart P, Velaphi SC, Petersen KL, Wadula J, Govender NP, Verwey C, Moore DP, Moosa FY, Nakwa FL, Maroane BV, Okudo G, Mabaso TM, Dangor Z, Nunes MC, **Madhi SA.** Clinical Characteristics and Histopathology of Coronavirus Disease 2019-Related Deaths in African Children. Pediatr Infect Dis J. 2021 Sep 1;40(9):e323-e332. doi: 10.1097/INF.0000000000003227. PMID: 34397776.
64. Ayeni OA, Walaza S, Tempia S, Groome M, Kahn K, **Madhi SA,** Cohen AL, Moyes J,Venter M, Pretorius M, Treurnicht F, Hellferscee O, von Gottberg A, Wolter N, Cohen C. Mortality in children aged <5 years with severe acute respiratory illness in a high HIV-prevalence urban and rural areas of South Africa, 2009-2013. PLoS One. 2021 Aug 12;16(8):e0255941. doi: 10.1371/journal.pone.0255941. PMID: 34383824; PMCID: PMC8360538.
65. Venter WDF, **Madhi SA,** Nel J, Mendelson M, Van den Heever A, Moshabela M. COVID-19 vaccines - less obfuscation, more transparency and action. S Afr Med J. 2021 Apr 9;111(6):515-516. PMID: 34382555.
66. Paul P, Procter SR, Dangor Z, Bassat Q, Abubakar A, Santhanam S, Libster R, Gonçalves BP, **Madhi SA,** Bardají A, Mwangome E, Mabrouk A, John HB, Sánchez Yanotti C, Chandna J, Sithole P, Mucasse H, Katana PV, Koukounari A, Harden LM, Aerts C, Ghoor A, Leahy S, Mbatha S, Lowick S, Lala SG, Bramugy J, Newton C, Hossain AKMT, Sadeq-Ur Rahman Q, Lambach P, Jit M, Lawn JE. Quantifying long-term health and economic outcomes for survivors of group B Streptococcus invasive disease in infancy: protocol of a multi-country study in Argentina, India, Kenya, Mozambique and South Africa. Gates Open Res. 2021 Jul 19;4:138. doi: 10.12688/gatesopenres.13185.2. PMID: 34368637; PMCID: PMC8313848.
67. **Madhi SA,** Nel J. Epidemiology of severe COVID-19 from South Africa. Lancet HIV. 2021 Sep;8(9):e524-e526. doi: 10.1016/S2352-3018(21)00183-1. Epub 2021 Aug 4. PMID: 34363788; PMCID: PMC8336967.
68. Moore DP, **Madhi SA.** Of novel analytic approaches and impactful findings… and an opportunity to pose more questions. Lancet Reg Health West Pac. 2020 Sep 10;2:100018. doi: 10.1016/j.lanwpc.2020.100018. PMID: 34327374; PMCID: PMC8315651.
69. **Madhi SA,** Izu A, Pollard AJ. ChAdOx1 nCoV-19 Vaccine Efficacy against the B.1.351 Variant. Reply. N Engl J Med. 2021 Aug 5;385(6):571-572. doi: 10.1056/NEJMc2110093. Epub 2021 Jul 21. PMID: 34289271.
70. Johnstone SL, Page NA, Thomas J, **Madhi SA,** Mutevedzi P, Myburgh N, Herrera C, Groome MJ. Diarrhoeal diseases in Soweto, South Africa, 2020: a cross-sectional community survey. BMC Public Health. 2021 Jul 20;21(1):1431. doi: 10.1186/s12889-021-11470-9. PMID: 34284738; PMCID: PMC8293521.
71. Bessey TK, Parashar UD, Tate JE; South African Intussusception Surveillance Group, **Madhi SA,** Jiang B, Groome MJ. Cytokine profiles in children with acute intussusception in South Africa. Cytokine. 2021 Oct;146:155639. doi: 10.1016/j.cyto.2021.155639. Epub 2021 Jul 17. PMID: 34284276.
72. Pathirana J, Kwatra G, Maposa I, Groome MJ, **Madhi SA.** Effect of cytomegalovirus infection on humoral immune responses to select vaccines administered during infancy. Vaccine. 2021 Aug 9;39(34):4793-4799. doi: 10.1016/j.vaccine.2021.05.066. Epub 2021 Jul 16. PMID: 34275675.
73. Liu C, Ginn HM, Dejnirattisai W, Supasa P, Wang B, Tuekprakhon A, Nutalai R, Zhou D, Mentzer AJ, Zhao Y, Duyvesteyn HME, López-Camacho C, Slon-Campos J, Walter TS, Skelly D, Johnson SA, Ritter TG, Mason C, Costa Clemens SA, Gomes Naveca F, Nascimento V, Nascimento F, Fernandes da Costa C, Resende PC, Pauvolid-Correa A, Siqueira MM, Dold C, Temperton N, Dong T, Pollard AJ, Knight JC, Crook D, Lambe T, Clutterbuck E, Bibi S, Flaxman A, Bittaye M, Belij-Rammerstorfer S, Gilbert SC, Malik T, Carroll MW, Klenerman P, Barnes E, Dunachie SJ, Baillie V, Serafin N, Ditse Z, Da Silva K, Paterson NG, Williams MA, Hall DR, **Madhi SA,** Nunes MC, Goulder P, Fry EE, Mongkolsapaya J, Ren J, Stuart DI, Screaton GR. Reduced neutralization of SARS-CoV-2 B.1.617 by vaccine and convalescent serum. Cell. 2021 Aug 5;184(16):4220-4236.e13. doi: 10.1016/j.cell.2021.06.020. Epub 2021 Jun 17. PMID: 34242578; PMCID: PMC8218332.
74. Cox S, Withers A, Arnold M, Chitnis M, de Vos C, Kirsten M, le Grange SM, Loveland J, Machaea S, Maharaj A, **Madhi SA,** Tate JE, Parashar UD, Groome MJ. Clinical presentation and management of childhood intussusception in South Africa. Pediatr Surg Int. 2021 Oct;37(10):1361-1370. doi: 10.1007/s00383-021-04946-7. Epub 2021 Jul 2. PMID: 34213589; PMCID: PMC8408053.
75. Baillie VL, Moore DP, Mathunjwa A, Baggett HC, Brooks A, Feikin DR, Hammitt LL, Howie SRC, Knoll MD, Kotloff KL, Levine OS, O'Brien KL, Scott AG, Thea DM, Antonio M, Awori JO, Driscoll AJ, Fancourt NSS, Higdon MM, Karron RA, Morpeth SC, Mulindwa JM, Murdoch DR, Park DE, Prosperi C, Rahman MZ, Rahman M, Salaudeen RA, Sawatwong P, Somwe SW, Sow SO, Tapia MD, Simões EAF, **Madhi SA.** Epidemiology of the Rhinovirus (RV) in African and Southeast Asian Children: A Case-Control Pneumonia Etiology Study. Viruses. 2021 Jun 27;13(7):1249. doi: 10.3390/v13071249. PMID: 34198998; PMCID: PMC8310211.
76. Wang X, Li Y, Deloria-Knoll M, **Madhi SA,** Cohen C, Arguelles VL, Basnet S, Bassat Q, Brooks WA, Echavarria M, Fasce RA, Gentile A, Goswami D, Homaira N, Howie SRC, Kotloff KL, Khuri-Bulos N, Krishnan A, Lucero MG, Lupisan S, Mathisen M, McLean KA, Mira-Iglesias A, Moraleda C, Okamoto M, Oshitani H, O'Brien KL, Owor BE, Rasmussen ZA, Rath BA, Salimi V, Sawatwong P, Scott JAG, Simões EAF, Sotomayor V, Thea DM, Treurnicht FK, Yoshida LM, Zar HJ, Campbell H, Nair H; Respiratory Virus Global Epidemiology Network. Global burden of acute lower respiratory infection associated with human parainfluenza virus in children younger than 5 years for 2018: a systematic review and meta-analysis. Lancet Glob Health. 2021 Aug;9(8):e1077-e1087. doi: 10.1016/S2214-109X(21)00218-7. Epub 2021 Jun 21. PMID: 34166626; PMCID: PMC8298256.
77. Paleker M, Tembo YA, Davies MA, Mahomed H, Pienaar D, **Madhi SA,** McCarthy K. Asymptomatic COVID-19 in South Africa - implications for the control of transmission. Public Health Action. 2021 Jun 21;11(2):58-60. doi: 10.5588/pha.20.0069. PMID: 34159063; PMCID: PMC8202632.
78. Lukhele ST, Kwatra G, Ismail A, Allam M, Dangor Z, **Madhi SA.** Investigation of Possible Nosocomial-Associated Invasive Group B Streptococcus Disease Using Whole-Genome Sequencing: A Report of 3 Cases. J Pediatric Infect Dis Soc. 2021 Sep 23;10(8):880-882. doi: 10.1093/jpids/piab042. PMID: 34129035.
79. Mogire RM, Morovat A, Muriuki JM, Mentzer AJ, Webb EL, Kimita W, Ndungu FM, Macharia AW, Cutland CL, Sirima SB, Diarra A, Tiono AB, Lule SA, **Madhi SA,** Sandhu MS, Prentice AM, Bejon P, Pettifor JM, Elliott AM, Adeyemo A, Williams TN, Atkinson SH. Prevalence and predictors of vitamin D deficiency in young African children. BMC Med. 2021 May 20;19(1):115. doi: 10.1186/s12916-021-01985-8. PMID: 34011341; PMCID: PMC8136043.
80. Shinde V, Bhikha S, Hoosain Z, Archary M, Bhorat Q, Fairlie L, Lalloo U, Masilela MSL, Moodley D, Hanley S, Fouche L, Louw C, Tameris M, Singh N, Goga A, Dheda K, Grobbelaar C, Kruger G, Carrim-Ganey N, Baillie V, de Oliveira T, Lombard Koen A, Lombaard JJ, Mngqibisa R, Bhorat AE, Benadé G, Lalloo N, Pitsi A, Vollgraaff PL, Luabeya A, Esmail A, Petrick FG, Oommen-Jose A, Foulkes S, Ahmed K, Thombrayil A, Fries L, Cloney-Clark S, Zhu M, Bennett C, Albert G, Faust E, Plested JS, Robertson A, Neal S, Cho I, Glenn GM, Dubovsky F, **Madhi SA**; 2019nCoV-501 Study Group. Efficacy of NVX-CoV2373 Covid-19 Vaccine against the B.1.351 Variant. N Engl J Med. 2021 May 20;384(20):1899-1909. doi: 10.1056/NEJMoa2103055. Epub 2021 May 5. PMID: 33951374; PMCID: PMC8091623.
81. Nunes MC, Baillie VL, Kwatra G, Bhikha S, Verwey C, Menezes C, Cutland CL, Moore DP, Dangor Z, Adam Y, Mathivha R, Velaphi SC, Tsitsi M, Aguas R, **Madhi SA;** Bara HCW Study Group. Severe Acute Respiratory Syndrome Coronavirus 2 Infection Among Healthcare Workers in South Africa: A Longitudinal Cohort Study. Clin Infect Dis. 2021 Nov 16;73(10):1896-1900. doi: 10.1093/cid/ciab398. PMID: 33949670; PMCID: PMC8135922.
82. Gray G, Van der Heever A, **Madhi SA,** McIntyre J, Kana B, Stevens W, Sanne I, Richards G, Abdullah F, Mendelson M, Dasoo A, Nel J, Wulfsohn A, Blumberg L, Venter F. The Scientists' Collective 10-point proposal for equitable and timeous access to COVID-19 vaccine in South Africa. S Afr Med J. 2020 Dec 14;111(2):89-94. doi: 10.7196/SAMJ.2021.v111i2.15498. PMID: 33944712.
83. Park DE, Higdon MM, Prosperi C, Baggett HC, Brooks WA, Feikin DR, Hammitt LL, Howie SRC, Kotloff KL, Levine OS, **Madhi SA,** Murdoch DR, O'Brien KL, Scott JAG, Thea DM, Antonio M, Awori JO, Baillie VL, Bunthi C, Kwenda G, Mackenzie GA, Moore DP, Morpeth SC, Mwananyanda L, Paveenkittiporn W, Ziaur Rahman M, Rahman M, Rhodes J, Sow SO, Tapia MD, Deloria Knoll M. Upper Respiratory Tract Co-detection of Human Endemic Coronaviruses and High-density Pneumococcus Associated With Increased Severity Among HIV-Uninfected Children Under 5 Years Old in the PERCH Study. Pediatr Infect Dis J. 2021 Jun 1;40(6):503-512. doi: 10.1097/INF.0000000000003139. PMID: 33883479; PMCID: PMC8104011.
84. Njuma Libwea J, Fletcher MA, Koki Ndombo P, Boula A, Ashukem NT, Ngo Baleba M, Kingue Bebey RS, Nkolo Mviena EG, Tageube J, Kobela Mbollo M, Koulla-Shiro S, **Madhi SA,** Njanpop-Lafourcade BM, Mohammad A, Begier E, Southern J, Beavon R, Gessner B. Impact of 13-valent pneumococcal conjugate vaccine on laboratory- confirmed pneumococcal meningitis and purulent meningitis among children ˂5 years in Cameroon, 2011-2018. PLoS One. 2021 Apr 15;16(4):e0250010. doi: 10.1371/journal.pone.0250010. Erratum in: PLoS One. 2021 Jul 9;16(7):e0254616. PMID: 33857235; PMCID: PMC8049353.
85. **Madhi SA,** Baillie V, Cutland CL, Voysey M, Koen AL, Fairlie L, Padayachee SD, Dheda K, Barnabas SL, Bhorat QE, Briner C, Kwatra G, Ahmed K, Aley P, Bhikha S, Bhiman JN, Bhorat AE, du Plessis J, Esmail A, Groenewald M, Horne E, Hwa SH, Jose A, Lambe T, Laubscher M, Malahleha M, Masenya M, Masilela M, McKenzie S, Molapo K, Moultrie A, Oelofse S, Patel F, Pillay S, Rhead S, Rodel H, Rossouw L, Taoushanis C, Tegally H, Thombrayil A, van Eck S, Wibmer CK, Durham NM, Kelly EJ, Villafana TL, Gilbert S, Pollard AJ, de Oliveira T, Moore PL, Sigal A, Izu A; NGS-SA Group; Wits-VIDA COVID Group. Efficacy of the ChAdOx1 nCoV-19 Covid-19 Vaccine against the B.1.351 Variant. N Engl J Med. 2021 May 20;384(20):1885-1898. doi: 10.1056/NEJMoa2102214. Epub 2021 Mar 16. PMID: 33725432; PMCID: PMC7993410.
86. Muriuki JM, Mentzer AJ, Mitchell R, Webb EL, Etyang AO, Kyobutungi C, Morovat A, Kimita W, Ndungu FM, Macharia AW, Ngetsa CJ, Makale J, Lule SA, Musani SK, Raffield LM, Cutland CL, Sirima SB, Diarra A, Tiono AB, Fried M, Gwamaka M, Adu-Afarwuah S, Wirth JP, Wegmüller R, **Madhi SA,** Snow RW, Hill AVS, Rockett KA, Sandhu MS, Kwiatkowski DP, Prentice AM, Byrd KA, Ndjebayi A, Stewart CP, Engle-Stone R, Green TJ, Karakochuk CD, Suchdev PS, Bejon P, Duffy PE, Davey Smith G, Elliott AM, Williams TN, Atkinson SH. Malaria is a cause of iron deficiency in African children. Nat Med. 2021 Apr;27(4):653-658. doi: 10.1038/s41591-021-01238-4. Epub 2021 Feb 22. PMID: 33619371; PMCID: PMC7610676.
87. Voysey M, Costa Clemens SA, **Madhi SA,** Weckx LY, Folegatti PM, Aley PK, Angus B, Baillie VL, Barnabas SL, Bhorat QE, Bibi S, Briner C, Cicconi P, Clutterbuck EA, Collins AM, Cutland CL, Darton TC, Dheda K, Dold C, Duncan CJA, Emary KRW, Ewer KJ, Flaxman A, Fairlie L, Faust SN, Feng S, Ferreira DM, Finn A, Galiza E, Goodman AL, Green CM, Green CA, Greenland M, Hill C, Hill HC, Hirsch I, Izu A, Jenkin D, Joe CCD, Kerridge S, Koen A, Kwatra G, Lazarus R, Libri V, Lillie PJ, Marchevsky NG, Marshall RP, Mendes AVA, Milan EP, Minassian AM, McGregor A, Mujadidi YF, Nana A, Padayachee SD, Phillips DJ, Pittella A, Plested E, Pollock KM, Ramasamy MN, Ritchie AJ, Robinson H, Schwarzbold AV, Smith A, Song R, Snape MD, Sprinz E, Sutherland RK, Thomson EC, Török ME, Toshner M, Turner DPJ, Vekemans J, Villafana TL, White T, Williams CJ, Douglas AD, Hill AVS, Lambe T, Gilbert SC, Pollard AJ; Oxford COVID Vaccine Trial Group. Single-dose administration and the influence of the timing of the booster dose on immunogenicity and efficacy of ChAdOx1 nCoV-19 (AZD1222) vaccine: a pooled analysis of four randomised trials. Lancet. 2021 Mar 6;397(10277):881-891. doi: 10.1016/S0140-6736(21)00432-3. Epub 2021 Feb 19. Erratum in: Lancet. 2021 Mar 6;397(10277):880. PMID: 33617777; PMCID: PMC7894131.
88. Dorfman JR, Balla SR, Pathirana J, Groome MJ, **Madhi SA,** Moore PL. In Utero Human Cytomegalovirus Infection Is Associated With Increased Levels of Putatively Protective Maternal Antibodies in Nonprimary Infection: Evidence for Boosting but Not Protection. Clin Infect Dis. 2021 Aug 16;73(4):e981-e987. doi: 10.1093/cid/ciab099. PMID: 33560335.
89. Adedini SA, Thaele D, Sello M, Mutevedzi P, Hywinya C, Ngwenya N, Myburgh N, **Madhi SA.** Approaches, achievements, challenges, and lessons learned in setting up an urban-based Health and Demographic Surveillance System in South Africa. Glob Health Action. 2021 Jan 1;14(1):1874138. doi: 10.1080/16549716.2021.1874138. PMID: 33530879; PMCID: PMC8018403.
90. **Madhi SA,** Knoll MD. An affordable pneumococcal conjugate vaccine after 20 years. Lancet Infect Dis. 2021 Jun;21(6):751-753. doi: 10.1016/S1473-3099(21)00002-5. Epub 2021 Jan 28. PMID: 33516294.
91. Ramocha LM, Mutsaerts EAML, Verwey C, Madhi S. Epidemiology of Human Metapneumovirus-associated Lower Respiratory Tract Infections in African Children: Systematic Review and Meta-analysis. Pediatr Infect Dis J. 2021 May 1;40(5):479-485. doi: 10.1097/INF.0000000000003041. PMID: 33480663.
92. Nunes MC, Cutland CL, Klugman KP, **Madhi SA.** Pneumococcal Conjugate Vaccine Protection against Coronavirus-Associated Pneumonia Hospitalization in Children Living with and without HIV. mBio. 2021 Jan 8;12(1):e02347-20. doi: 10.1128/mBio.02347-20. PMID: 33419872; PMCID: PMC7845626.
93. Mendelson M, Nel J, Blumberg L, **Madhi SA,** Dryden M, Stevens W, Venter FWD. Long-COVID: An evolving problem with an extensive impact. S Afr Med J. 2020 Nov 23;111(1):10-12. doi: 10.7196/SAMJ.2020.v111i11.15433. PMID: 33403997.
94. **Madhi SA,** Simões EAF. Single-dose nirsevimab prevents RSV infection. J Pediatr. 2021 Jan;228:310-313. doi: 10.1016/j.jpeds.2020.10.066. PMID: 33342497.
95. **Madhi SA,** Izu A, Kwatra G, Jones S, Dangor Z, Wadula J, Moultrie A, Adam Y, Pu W, Henry O, Briner C, Cutland CL. Association of Group B Streptococcus (GBS) Serum Serotype-Specific Anticapsular Immunoglobulin G Concentration and Risk Reduction for Invasive GBS Disease in South African Infants: An Observational Birth-Cohort, Matched Case-Control Study. Clin Infect Dis. 2021 Sep 7;73(5):e1170-e1180. doi: 10.1093/cid/ciaa1873. PMID: 33341870.
96. Gray G, Van der Heever A, Madhi SS, McIntyre J, Kana B, Stevens W, Sanne I, Richards G, Abdullah F, Mendelson M, Dasoo A, Nel J, Wulfsohn A, Blumberg L, Venter F. The Scientists' Collective 10-point proposal for equitable and timeous access to COVID-19 vaccine in South Africa. S Afr Med J. 2020 Dec 14;0(0):13163. PMID: 33334389.
97. Koen A, **Madhi SA,** Lyabis O, Vidor E, Cowper B, Marais T, Patel D, Vigne C. Immunogenicity and safety of a hexavalent pediatric vaccine in HIV-exposed infected and uninfected infants in Republic of South Africa. Hum Vaccin Immunother. 2021 Jun 3;17(6):1770-1778. doi: 10.1080/21645515.2020.1839289. Epub 2020 Dec 16. PMID: 33326316; PMCID: PMC8115757.
98. Voysey M, Clemens SAC, **Madhi SA,** Weckx LY, Folegatti PM, Aley PK, Angus B, Baillie VL, Barnabas SL, Bhorat QE, Bibi S, Briner C, Cicconi P, Collins AM, Colin-Jones R, Cutland CL, Darton TC, Dheda K, Duncan CJA, Emary KRW, Ewer KJ, Fairlie L, Faust SN, Feng S, Ferreira DM, Finn A, Goodman AL, Green CM, Green CA, Heath PT, Hill C, Hill H, Hirsch I, Hodgson SHC, Izu A, Jackson S, Jenkin D, Joe CCD, Kerridge S, Koen A, Kwatra G, Lazarus R, Lawrie AM, Lelliott A, Libri V, Lillie PJ, Mallory R, Mendes AVA, Milan EP, Minassian AM, McGregor A, Morrison H, Mujadidi YF, Nana A, O'Reilly PJ, Padayachee SD, Pittella A, Plested E, Pollock KM, Ramasamy MN, Rhead S, Schwarzbold AV, Singh N, Smith A, Song R, Snape MD, Sprinz E, Sutherland RK, Tarrant R, Thomson EC, Török ME, Toshner M, Turner DPJ, Vekemans J, Villafana TL, Watson MEE, Williams CJ, Douglas AD, Hill AVS, Lambe T, Gilbert SC, Pollard AJ; Oxford COVID Vaccine Trial Group. Safety and efficacy of the ChAdOx1 nCoV-19 vaccine (AZD1222) against SARS-CoV-2: an interim analysis of four randomised controlled trials in Brazil, South Africa, and the UK. Lancet. 2021 Jan 9;397(10269):99-111. doi: 10.1016/S0140-6736(20)32661-1. Epub 2020 Dec 8. Erratum in: Lancet. 2021 Jan 9;397(10269):98. PMID: 33306989; PMCID: PMC7723445.
99. Wang X, Li Y, Deloria-Knoll M, **Madhi SA,** Cohen C, Ali A, Basnet S, Bassat Q, Brooks WA, Chittaganpitch M, Echavarria M, Fasce RA, Goswami D, Hirve S, Homaira N, Howie SRC, Kotloff KL, Khuri-Bulos N, Krishnan A, Lucero MG, Lupisan S, Mira-Iglesias A, Moore DP, Moraleda C, Nunes M, Oshitani H, Owor BE, Polack FP, O'Brien KL, Rasmussen ZA, Rath BA, Salimi V, Scott JAG, Simões EAF, Strand TA, Thea DM, Treurnicht FK, Vaccari LC, Yoshida LM, Zar HJ, Campbell H, Nair H; Respiratory Virus Global Epidemiology Network. Global burden of acute lower respiratory infection associated with human metapneumovirus in children under 5 years in 2018: a systematic review and modelling study. Lancet Glob Health. 2021 Jan;9(1):e33-e43. doi: 10.1016/S2214-109X(20)30393-4. Epub 2020 Nov 26. PMID: 33248481; PMCID: PMC7783516.
100. Nunes MC, Moreira M, Koen A, van Niekerk N, Jose L, Cutland CL, François N, Schoonbroodt S, Ruiz-Guiñazú J, Yarzabal JP, Borys D, Schuerman L, **Madhi SA.** Bacterial nasopharyngeal carriage following infant immunization with pneumococcal conjugate vaccines according to a 2+1 schedule in children in South Africa: an exploratory analysis of two clinical trials. Expert Rev Vaccines. 2020 Dec;19(12):1177-1189. doi: 10.1080/14760584.2020.1853533. Epub 2020 Dec 21. PMID: 33245004.
101. Naidu G, Izu A, Madimabe MR, Poyiadjis S, MacKinnon D, Rowe B, **Madhi SA.** Burden of Tuberculosis in South African Children During Treatment for Underlying Malignancies: A Single-center Experience in Johannesburg. Pediatr Infect Dis J. 2020 Dec;39(12):1111-1115. doi: 10.1097/INF.0000000000002873. PMID: 33165271.
102. Panero MS, Khuri-Bulos N, Biscayart C, Bonvehí P, Hayajneh W, **Madhi SA.** The role of National Immunization Technical Advisory Groups (NITAG) in strengthening health system governance: Lessons from three middle-income countries-Argentina, Jordan, and South Africa (2017-2018). Vaccine. 2020 Oct 21;38(45):7118-7128. doi: 10.1016/j.vaccine.2020.08.069. Epub 2020 Sep 16. PMID: 32950303.
103. Pathirana J, Texeira L, Munian H, Nakwa F, Mayet I, Maposa I, Groome MJ, Boppana S, **Madhi SA.** Neurological and growth outcomes in South African children with congenital cytomegalovirus: A cohort study. PLoS One. 2020 Sep 17;15(9):e0238102. doi: 10.1371/journal.pone.0238102. PMID: 32941484; PMCID: PMC7498063.
104. Bianchi-Jassir F, Paul P, To KN, Carreras-Abad C, Seale AC, Jauneikaite E, **Madhi SA,** Russell NJ, Hall J, Madrid L, Bassat Q, Kwatra G, Le Doare K, Lawn JE. Systematic review of Group B Streptococcal capsular types, sequence types and surface proteins as potential vaccine candidates. Vaccine. 2020 Oct 7;38(43):6682-6694. doi: 10.1016/j.vaccine.2020.08.052. Epub 2020 Sep 2. PMID: 32888741; PMCID: PMC7526974.
105. Mendelson M, Madhi S. South Africa's coronavirus testing strategy is broken and not fit for purpose: It's time for a change. S Afr Med J. 2020 May 12;110(6):429-431. PMID: 32880536.
106. **Madhi SA,** Gray GE, Ismail N, Izu A, Mendelson M, Cassim N, Stevens W, Venter F. COVID-19 lockdowns in low- and middle-income countries: Success against COVID-19 at the price of greater costs. S Afr Med J. 2020 Jun 19;110(8):724-726. PMID: 32880296.
107. Hofman K, Madhi S. The unanticipated costs of COVID-19 to South Africa's quadruple disease burden. S Afr Med J. 2020 Jul 16;110(8):698-699. PMID: 32880282.
108. Said M, Dangor Y, Mbelle N, **Madhi SA,** Kwatra G, Ismail F. Antimicrobial susceptibility and serotype distribution of Streptococcus agalactiae rectovaginal colonising isolates from pregnant women at a tertiary hospital in Pretoria, South Africa: An observational descriptive study. S Afr Med J. 2020 Aug 31;110(9):869-871. doi: 10.7196/SAMJ.2020.v110i9.14524. PMID: 32880270.
109. Gray CM, Peter J, Mendelson M, **Madhi SA,** Blackburn JM. COVID-19 antibody testing: From hype to immunological reality. S Afr Med J. 2020 Jul 27;110(9):837-841. PMID: 32880263.
110. Amin AB, Nunes MC, Tapia MD, **Madhi SA,** Cutland CL, Wairagkar N, Omer SB; for BMGF Supported Maternal Influenza Immunization Trials Investigators Group. Immunogenicity of influenza vaccines administered to pregnant women in randomized clinical trials in Mali and South Africa. Vaccine. 2020 Sep 22;38(41):6478-6483. doi: 10.1016/j.vaccine.2020.07.020. Epub 2020 Aug 29. PMID: 32868130; PMCID: PMC7505225.
111. Dashraath P, Nielsen-Saines K, **Madhi SA,** Baud D. COVID-19 vaccines and neglected pregnancy. Lancet. 2020 Sep 5;396(10252):e22. doi: 10.1016/S0140-6736(20)31822-5. Epub 2020 Aug 27. PMID: 32861313; PMCID: PMC7723327.
112. **Madhi SA,** Mutsaerts EA, Izu A, Boyce W, Bhikha S, Ikulinda BT, Jose L, Koen A, Nana AJ, Moultrie A, Roalfe L, Hunt A, Goldblatt D, Cutland CL, Dorfman JR. Immunogenicity of a single-dose compared with a two-dose primary series followed by a booster dose of ten-valent or 13-valent pneumococcal conjugate vaccine in South African children: an open-label, randomised, non-inferiority trial. Lancet Infect Dis. 2020 Dec;20(12):1426-1436. doi: 10.1016/S1473-3099(20)30289-9. Epub 2020 Aug 25. Erratum in: Lancet Infect Dis. 2020 Nov;20(11):e275. PMID: 32857992; PMCID: PMC7689288.
113. McCollum ED, Park DE, Watson NL, Fancourt NSS, Focht C, Baggett HC, Brooks WA, Howie SRC, Kotloff KL, Levine OS, **Madhi SA,** Murdoch DR, Scott JAG, Thea DM, Awori JO, Chipeta J, Chuananon S, DeLuca AN, Driscoll AJ, Ebruke BE, Elhilali M, Emmanouilidou D, Githua LP, Higdon MM, Hossain L, Jahan Y, Karron RA, Kyalo J,Moore DP, Mulindwa JM, Naorat S, Prosperi C, Verwey C, West JE, Knoll MD, O'Brien KL, Feikin DR, Hammitt LL. Digital auscultation in PERCH: Associations with chest radiography and pneumonia mortality in children. Pediatr Pulmonol. 2020 Nov;55(11):3197-3208. doi: 10.1002/ppul.25046. Epub 2020 Sep 11. PMID: 32852888; PMCID: PMC7692889.
114. Nakwa FL, Lala SG, **Madhi SA,** Dangor Z. Neurodevelopmental Impairment at 1 Year of Age in Infants With Previous Invasive Group B Streptococcal Sepsis and Meningitis. Pediatr Infect Dis J. 2020 Sep;39(9):794-798. doi: 10.1097/INF.0000000000002695. PMID: 32804460.
115. **Madhi SA,** Polack FP, Piedra PA, Munoz FM, Trenholme AA, Simões EAF, Swamy GK, Agrawal S, Ahmed K, August A, Baqui AH, Calvert A, Chen J, Cho I, Cotton MF, Cutland CL, Englund JA, Fix A, Gonik B, Hammitt L, Heath PT, de Jesus JN, Jones CE, Khalil A, Kimberlin DW, Libster R, Llapur CJ, Lucero M, Pérez Marc G, Marshall HS, Masenya MS, Martinón-Torres F, Meece JK, Nolan TM, Osman A, Perrett KP, Plested JS, Richmond PC, Snape MD, Shakib JH, Shinde V, Stoney T, Thomas DN, Tita AT, Varner MW, Vatish M, Vrbicky K, Wen J, Zaman K, Zar HJ, Glenn GM, Fries LF; Prepare Study Group. Respiratory Syncytial Virus Vaccination during Pregnancy and Effects in Infants. N Engl J Med. 2020 Jul 30;383(5):426-439. doi: 10.1056/NEJMoa1908380. PMID: 32726529; PMCID: PMC7299433.
116. Griffin MP, Yuan Y, Takas T, Domachowske JB, **Madhi SA,** Manzoni P, Simões EAF, Esser MT, Khan AA, Dubovsky F, Villafana T, DeVincenzo JP; Nirsevimab Study Group. Single-Dose Nirsevimab for Prevention of RSV in Preterm Infants. N Engl J Med. 2020 Jul 30;383(5):415-425. doi: 10.1056/NEJMoa1913556. Erratum in: N Engl J Med. 2020 Aug 13;383(7):698. PMID: 32726528.
117. Ebruke BE, Deloria Knoll M, Haddix M, Zaman SMA, Prosperi C, Feikin DR, Hammitt LL, Levine OS, O'Brien KL, Murdoch DR, Brooks WA, Scott JAG, Kotloff KL, **Madhi SA,** Thea DM, Baillie VL, Chisti MJ, Dione M, Driscoll AJ, Fancourt N, Karron RA, Le TT, Mohamed S, Moore DP, Morpeth SC, Mwaba J, Mwansa J, Bin Shahid ASMS, Sow SO, Tapia MD, Antonio M, Howie SRC. The Etiology of Pneumonia From Analysis of Lung Aspirate and Pleural Fluid Samples: Findings From the Pneumonia Etiology Research for Child Health (PERCH) Study. Clin Infect Dis. 2021 Dec 6;73(11):e3788-e3796. doi: 10.1093/cid/ciaa1032. PMID: 32710751; PMCID: PMC8662778.
118. Abu-Raya B, Maertens K, Edwards KM, Omer SB, Englund JA, Flanagan KL, Snape MD, Amirthalingam G, Leuridan E, Damme PV, Papaevangelou V, Launay O, Dagan R, Campins M, Cavaliere AF, Frusca T, Guidi S, O'Ryan M, Heininger U, Tan T, Alsuwaidi AR, Safadi MA, Vilca LM, Wanlapakorn N, **Madhi SA,** Giles ML, Prymula R, Ladhani S, Martinón-Torres F, Tan L, Michelin L, Scambia G, Principi N, Esposito S. Global Perspectives on Immunization During Pregnancy and Priorities for Future Research and Development: An International Consensus Statement. Front Immunol. 2020 Jun 24;11:1282. doi: 10.3389/fimmu.2020.01282. PMID: 32670282; PMCID: PMC7326941.
119. Smith EL, Wheeler I, Adler H, Ferreira DM, Sá-Leão R, Abdullahi O, Adetifa I, Becker-Dreps S, Esposito S, Farida H, Kandasamy R, Mackenzie GA, Nuorti JP, Nzenze S, **Madhi SA,** Ortega O, Roca A, Safari D, Schaumburg F, Usuf E, Sanders EAM, Grant LR, Hammitt LL, O'Brien KL, Gounder P, Bruden DJT, Stanton MC, Rylance J. Upper airways colonisation of Streptococcus pneumoniae in adults aged 60 years and older: A systematic review of prevalence and individual participant data meta-analysis of risk factors. J Infect. 2020 Oct;81(4):540-548. doi: 10.1016/j.jinf.2020.06.028. Epub 2020 Jun 17. PMID: 32562794; PMCID: PMC7532703.
120. Taylor AW, Blau DM, Bassat Q, Onyango D, Kotloff KL, Arifeen SE, Mandomando I, Chawana R, Baillie VL, Akelo V, Tapia MD, Salzberg NT, Keita AM, Morris T, Nair S, Assefa N, Seale AC, Scott JAG, Kaiser R, Jambai A, Barr BAT, Gurley ES, Ordi J, Zaki SR, Sow SO, Islam F, Rahman A, Dowell SF, Koplan JP, Raghunathan PL, **Madhi SA,** Breiman RF; CHAMPS Consortium. Initial findings from a novel population-based child mortality surveillance approach: a descriptive study. Lancet Glob Health. 2020 Jul;8(7):e909-e919. doi: 10.1016/S2214-109X(20)30205-9. PMID: 32562647; PMCID: PMC7303945.
121. Omer SB, Clark DR, **Madhi SA,** Tapia MD, Nunes MC, Cutland CL, Simões EAF, Aqil AR, Katz J, Tielsch JM, Steinhoff MC, Wairagkar N; BMGF Supported Maternal Influenza Immunization Trials Investigators Group. Efficacy, duration of protection, birth outcomes, and infant growth associated with influenza vaccination in pregnancy: a pooled analysis of three randomised controlled trials. Lancet Respir Med. 2020 Jun;8(6):597-608. doi: 10.1016/S2213-2600(19)30479-5. PMID: 32526188; PMCID: PMC7284303.
122. Naidu G, Izu A, Poyiadjis S, MacKinnon D, Rowe B, **Madhi SA.** High Burden of Serious Bacterial Infections in African Children Treated for Cancer. Pediatr Infect Dis J. 2020 Oct;39(10):943-948. doi: 10.1097/INF.0000000000002758. PMID: 32453195.
123. Savulescu DM, Groome M, Malfeld SCK, **Madhi SA,** Koen A, Jones S, Duxbury V, Scheuermaier K, De Assis Rosa D, Suchard M. HLA antibody repertoire in infants suggests selectivity in transplacental crossing. Am J Reprod Immunol. 2020 Aug;84(2):e13264. doi: 10.1111/aji.13264. Epub 2020 Jun 16. PMID: 32395838; PMCID: PMC7507134.
124. Clark DR, Omer SB, Tapia MD, Nunes MC, Cutland CL, Tielsch JM, Wairagkar N, **Madhi SA;** for BMGF Supported Maternal Influenza Immunization Trials Investigators Group. Influenza or Meningococcal Immunization During Pregnancy and Mortality in Women and Infants: A Pooled Analysis of Randomized Controlled Trials. Pediatr Infect Dis J. 2020 Jul;39(7):641-644. doi: 10.1097/INF.0000000000002629. PMID: 32379201; PMCID: PMC7279057.
125. Gladstone RA, Lo SW, Goater R, Yeats C, Taylor B, Hadfield J, Lees JA, Croucher NJ, van Tonder AJ, Bentley LJ, Quah FX, Blaschke AJ, Pershing NL, Byington CL, Balaji V, Hryniewicz W, Sigauque B, Ravikumar KL, Almeida SCG, Ochoa TJ, Ho PL, du Plessis M, Ndlangisa KM, Cornick JE, Kwambana-Adams B, Benisty R, Nzenze SA, **Madhi SA,** Hawkins PA, Pollard AJ, Everett DB, Antonio M, Dagan R, Klugman KP, von Gottberg A, Metcalf BJ, Li Y, Beall BW, McGee L, Breiman RF, Aanensen DM, Bentley SD; The Global Pneumococcal Sequencing Consortium. Visualizing variation within Global Pneumococcal Sequence Clusters (GPSCs) and country population snapshots to contextualize pneumococcal isolates. Microb Genom. 2020 May;6(5):e000357. doi: 10.1099/mgen.0.000357. Epub 2020 Apr 29. PMID: 32375991; PMCID: PMC7371119.
126. Verwey C, Nunes MC, Dangor Z, **Madhi SA.** Pulmonary function sequelae after respiratory syncytial virus lower respiratory tract infection in children: A systematic review. Pediatr Pulmonol. 2020 Jul;55(7):1567-1583. doi: 10.1002/ppul.24804. Epub 2020 May 4. PMID: 32364320.
127. Mutsaerts EAML, Nunes MC, Bhikha S, Ikulinda BT, Jose L, Koen A, Moultrie A, Grobbee DE, Klipstein-Grobusch K, Weinberg A, **Madhi SA.** Short-term immunogenicity and safety of hepatitis-A and varicella vaccines in HIV-exposed uninfected and HIV-unexposed South African children. Vaccine. 2020 May 8;38(22):3862-3868. doi: 10.1016/j.vaccine.2020.03.045. Epub 2020 Apr 16. PMID: 32307279.
128. Groome MJ, Fairlie L, Morrison J, Fix A, Koen A, Masenya M, Jose L, **Madhi SA,** Page N, McNeal M, Dally L, Cho I, Power M, Flores J, Cryz S. Safety and immunogenicity of a parenteral trivalent P2-VP8 subunit rotavirus vaccine: a multisite, randomised, double-blind, placebo-controlled trial. Lancet Infect Dis. 2020 Jul;20(7):851-863. doi: 10.1016/S1473-3099(20)30001-3. Epub 2020 Apr 3. PMID: 32251641; PMCID: PMC7322558.
129. **Madhi SA,** Nzenze SA, Nunes MC, Chinyanganya L, Van Niekerk N, Kahn K, Twine R, De Gouveia L, Von Gottberg A, Shiri T. Residual colonization by vaccine serotypes in rural South Africa four years following initiation of pneumococcal conjugate vaccine immunization. Expert Rev Vaccines. 2020 Apr;19(4):383-393. doi: 10.1080/14760584.2020.1750377. Epub 2020 Apr 10. PMID: 32237932.
130. Liu H, Lu B, Tabor DE, Tovchigrechko A, Wilkins D, Jin H, **Madhi SA,** Soofie N, Esser MT, Nunes MC. Characterization of human respiratory syncytial virus (RSV) isolated from HIV-exposed-uninfected and HIV-unexposed infants in South Africa during 2015-2017. Influenza Other Respir Viruses. 2020 Jul;14(4):403-411. doi: 10.1111/irv.12727. Epub 2020 Mar 3. PMID: 32126161; PMCID: PMC7298309.
131. Nunes MC, Kim S, Zeldow B, Violari A, Dittmer S, Cassim H, Thomas T, van Niekerk N, Cotton MF, Mitchell C, Adrian P, **Madhi SA;** P1041 team. Streptococcus pneumoniae colonization in pneumococcal vaccine-naïve human immunodeficiency virus-exposed infected and -uninfected South African children. Medicine (Baltimore). 2020 Feb;99(9):e19353. doi: 10.1097/MD.0000000000019353. PMID: 32118776; PMCID: PMC7478396.
132. Muriuki JM, Mentzer AJ, Webb EL, Morovat A, Kimita W, Ndungu FM, Macharia AW, Crane RJ, Berkley JA, Lule SA, Cutland C, Sirima SB, Diarra A, Tiono AB, Bejon P, **Madhi SA,** Hill AVS, Prentice AM, Suchdev PS, Elliott AM, Williams TN, Atkinson SH. Estimating the burden of iron deficiency among African children. BMC Med. 2020 Feb 27;18(1):31. doi: 10.1186/s12916-020-1502-7. PMID: 32102669; PMCID: PMC7045745.
133. Baillie VL, Moore DP, Mathunjwa A, Morailane P, Simões EAF, **Madhi SA.** A prospective case-control study on the association of Rhinovirus nasopharyngeal viral load and viremia in South African children hospitalized with severe pneumonia. J Clin Virol. 2020 Apr;125:104288. doi: 10.1016/j.jcv.2020.104288. Epub 2020 Feb 11. PMID: 32092643; PMCID: PMC7086148.
134. Wang X, Li Y, O'Brien KL, **Madhi SA,** Widdowson MA, Byass P, Omer SB, Abbas Q, Ali A, Amu A, Azziz-Baumgartner E, Bassat Q, Abdullah Brooks W, Chaves SS, Chung A, Cohen C, Echavarria M, Fasce RA, Gentile A, Gordon A, Groome M, Heikkinen T, Hirve S, Jara JH, Katz MA, Khuri-Bulos N, Krishnan A, de Leon O, Lucero MG, McCracken JP, Mira-Iglesias A, Moïsi JC, Munywoki PK, Ourohiré M, Polack FP, Rahi M, Rasmussen ZA, Rath BA, Saha SK, Simões EA, Sotomayor V, Thamthitiwat S, Treurnicht FK, Wamukoya M, Yoshida LM, Zar HJ, Campbell H, Nair H; Respiratory Virus Global Epidemiology Network. Global burden of respiratory infections associated with seasonal influenza in children under 5 years in 2018: a systematic review and modelling study. Lancet Glob Health. 2020 Apr;8(4):e497-e510. doi: 10.1016/S2214-109X(19)30545-5. Epub 2020 Feb 20. PMID: 32087815; PMCID: PMC7083228.
135. **Madhi SA,** Izu A, Violari A, Cotton MF, Jean-Philippe P, Otwombe K, Adrian PV; CIPRA 4 team. Effect of HIV-exposure and timing of antiretroviral treatment initiation in children living with HIV on antibody persistence and memory responses to Haemophilus influenzae type b and pneumococcal polysaccharide-protein conjugate vaccines. Vaccine. 2020 Mar 10;38(12):2651-2659. doi: 10.1016/j.vaccine.2020.02.026. Epub 2020 Feb 15. PMID: 32070681.
136. **Madhi SA,** Moreira M, Koen A, van Niekerk N, de Gouveia L, Jose L, Cutland CL, François N, Schoonbroodt S, Ruiz-Guiñazú J, Yarzabal JP, Borys D, Schuerman L. Impact of HIV status and vaccination schedule on bacterial nasopharyngeal carriage following infant immunisation with the pneumococcal non-typeable Haemophilus influenzae protein D conjugate vaccine in South Africa. Vaccine. 2020 Feb 28;38(10):2350-2360. doi: 10.1016/j.vaccine.2020.01.062. Epub 2020 Feb 5. PMID: 32035706.
137. Feldman C, Dlamini SK, **Madhi SA,** Meiring S, von Gottberg A, de Beer JC, de Necker M, Stander MP. The cost-effectiveness of using pneumococcal conjugate vaccine (PCV13) versus pneumococcal polysaccharide vaccine (PPSV23), in South African adults. PLoS One. 2020 Jan 29;15(1):e0227945. doi: 10.1371/journal.pone.0227945. PMID: 31995597; PMCID: PMC6988977.
138. Mahomed N, van Ginneken B, Philipsen RHHM, Melendez J, Moore DP, Moodley H, Sewchuran T, Mathew D, **Madhi SA.** Computer-aided diagnosis for World Health Organization-defined chest radiograph primary-endpoint pneumonia in children. Pediatr Radiol. 2020 Apr;50(4):482-491. doi: 10.1007/s00247-019-04593-0. Epub 2020 Jan 13. PMID: 31930429.
139. Nunes MC, Cutland CL, Moultrie A, Jones S, Ortiz JR, Neuzil KM, Klugman KP, Simões EAF, Weinberg A, **Madhi SA;** Maternal Flu Trial Team. Immunogenicity and safety of different dosing schedules of trivalent inactivated influenza vaccine in pregnant women with HIV: a randomised controlled trial. Lancet HIV. 2020 Feb;7(2):e91-e103. doi: 10.1016/S2352-3018(19)30322-4. Epub 2020 Jan 3. PMID: 31911146; PMCID: PMC7167514.
140. Olwagen CP, Adrian PV, **Madhi SA.** Evaluation of the impact of HIV-1 infection and density of common nasopharyngeal bacterial colonizers in South African children immunized with 7-valent pneumococcal conjugate vaccine. Vaccine. 2020 Feb 11;38(7):1762-1769. doi: 10.1016/j.vaccine.2019.12.033. Epub 2019 Dec 23. PMID: 31874779.
141. Gieles NC, Mutsaerts EAML, Kwatra G, Bont L, Cutland CL, Jones S, Moultrie A, **Madhi SA,** Nunes MC. Rubella seroprevalence in pregnant women living with and without HIV in Soweto, South Africa. Int J Infect Dis. 2020 Feb;91:255-260. doi: 10.1016/j.ijid.2019.12.018. Epub 2019 Dec 19. PMID: 31863878.
142. Lo SW, Gladstone RA, van Tonder AJ, Du Plessis M, Cornick JE, Hawkins PA, **Madhi SA,** Nzenze SA, Kandasamy R, Ravikumar KL, Elmdaghri N, Kwambana-Adams B, Almeida SCG, Skoczynska A, Egorova E, Titov L, Saha SK, Paragi M, Everett DB, Antonio M, Klugman KP, Li Y, Metcalf BJ, Beall B, McGee L, Breiman RF, Bentley SD, von Gottberg A; Global Pneumococcal Sequencing Consortium. A mosaic tetracycline resistance gene tet(S/M) detected in an MDR pneumococcal CC230 lineage that underwent capsular switching in South Africa. J Antimicrob Chemother. 2020 Mar 1;75(3):512-520. doi: 10.1093/jac/dkz477. PMID: 31789384; PMCID: PMC7021099.
143. Gieles NC, Mutsaerts EAML, Kwatra G, Bont L, Cutland CL, Jones S, Moultrie A, **Madhi SA,** Nunes MC. Measles seroprevalence in pregnant women in Soweto, South Africa: a nested cohort study. Clin Microbiol Infect. 2020 Apr;26(4):515.e1-515.e4. doi: 10.1016/j.cmi.2019.11.006. Epub 2019 Nov 13. PMID: 31730905.
144. Moïsi J, **Madhi SA,** Rees H. Vaccinology in sub-Saharan Africa. BMJ Glob Health. 2019 Sep 20;4(5):e001363. doi: 10.1136/bmjgh-2018-001363. PMID: 31637022; PMCID: PMC6768329.
145. Velaphi SC, Izu A, **Madhi SA,** Pettifor JM. Maternal and neonatal vitamin D status at birth in black South Africans. S Afr Med J. 2019 Sep 30;109(10):807-813. doi: 10.7196/SAMJ.2019.v109i10.13651. PMID: 31635580.
146. Mohale T, Wolter N, Allam M, Nzenze SA, **Madhi SA,** du Plessis M, von Gottberg A. Genomic differences among carriage and invasive nontypeable pneumococci circulating in South Africa. Microb Genom. 2019 Oct;5(10):e000299. doi: 10.1099/mgen.0.000299. Epub 2019 Oct 11. PMID: 31617841; PMCID: PMC6861859.
147. Ji W, Liu H, **Madhi SA,** Cunnington M, Zhang Z, Dangor Z, Zhou H, Mu X, Jin Z, Wang A, Qin X, Gao C, Zhu Y, Feng X, She S, Yang S, Liu J, Lei J, Jiang L, Liu Z, Li G, Li Q, Deng Q, Gao K, Fang Y. Clinical and Molecular Epidemiology of Invasive Group B Streptococcus Disease among Infants, China. Emerg Infect Dis. 2019 Nov;25(11):2021-2030. doi: 10.3201/eid2511.181647. PMID: 31600132; PMCID: PMC6810193.
148. Blevins J, O'Mara Sage E, Kone A, Maixenchs M, Raghunathan PL, Guilaze RA, Cossa S, Girma Z, Zegeye Y, Ackley C, Hussain F, Islam S, Myburgh N, Ngwenya N, **Madhi SA,** Otieno P, Ochola K, Munguambe K, Breiman RF. Using Participatory Workshops to Assess Alignment or Tension in the Community for Minimally Invasive Tissue Sampling Prior to Start of Child Mortality Surveillance: Lessons From 5 Sites Across the CHAMPS Network. Clin Infect Dis. 2019 Oct 9;69(Suppl 4):S280-S290. doi: 10.1093/cid/ciz563. PMID: 31598665; PMCID: PMC6785692.
149. Salzberg NT, Sivalogan K, Bassat Q, Taylor AW, Adedini S, El Arifeen S, Assefa N, Blau DM, Chawana R, Cain CJ, Cain KP, Caneer JP, Garel M, Gurley ES, Kaiser R, Kotloff KL, Mandomando I, Morris T, Nyamthimba Onyango P, Sazzad HMS, Scott JAG, Seale AC, Sitoe A, Sow SO, Tapia MD, Whitney EA, Worrell MC, Zielinski-Gutierrez E, **Madhi SA,** Raghunathan PL, Koplan JP, Breiman RF; Child Health and Mortality Prevention Surveillance (CHAMPS) Methods Consortium. Mortality Surveillance Methods to Identify and Characterize Deaths in Child Health and Mortality Prevention Surveillance Network Sites. Clin Infect Dis. 2019 Oct 9;69(Suppl 4):S262-S273. doi: 10.1093/cid/ciz599. PMID: 31598664; PMCID: PMC6785672.
150. Cunningham SA, Shaikh NI, Nhacolo A, Raghunathan PL, Kotloff K, Naser AM, Mengesha MM, Adedini SA, Misore T, Onuwchekwa UU, Worrell MC, El Arifeen S, Assefa N, Chowdhury AI, Kaiser R, **Madhi SA,** Mehta A, Obor D, Sacoor C, Sow SO, Tapia MD, Wilkinson AL, Breiman RF. Health and Demographic Surveillance Systems Within the Child Health and Mortality Prevention Surveillance Network. Clin Infect Dis. 2019 Oct 9;69(Suppl 4):S274-S279. doi: 10.1093/cid/ciz609. Erratum in: Clin Infect Dis. 2020 Feb 14;70(5):993. PMID: 31598663; PMCID: PMC6785673.
151. Blau DM, Caneer JP, Philipsborn RP, **Madhi SA,** Bassat Q, Varo R, Mandomando I, Igunza KA, Kotloff KL, Tapia MD, Johnstone S, Chawana R, Rahman A, El Arifeen S, Onyango D, Kaiser R, Seale AC, Assefa N, Morris T, Raghunathan PL, Breiman RF. Overview and Development of the Child Health and Mortality Prevention Surveillance Determination of Cause of Death (DeCoDe) Process and DeCoDe Diagnosis Standards. Clin Infect Dis. 2019 Oct 9;69(Suppl 4):S333-S341. doi: 10.1093/cid/ciz572. PMID: 31598661; PMCID: PMC6785670.
152. **Madhi SA,** Pathirana J, Baillie V, Izu A, Bassat Q, Blau DM, Breiman RF, Hale M, Mathunjwa A, Martines RB, Nakwa FL, Nzenze S, Ordi J, Raghunathan PL, Ritter JM, Solomon F, Velaphi S, Wadula J, Zaki SR, Chawana R. Unraveling Specific Causes of Neonatal Mortality Using Minimally Invasive Tissue Sampling: An Observational Study. Clin Infect Dis. 2019 Oct 9;69(Suppl 4):S351-S360. doi: 10.1093/cid/ciz574. PMID: 31598660; PMCID: PMC6785687.
153. Chawana R, Baillie V, Izu A, Solomon F, Bassat Q, Blau DM, Breiman RF, Hale M, Houpt ER, Lala SG, Martines RB, Mathunjwa A, Nzenze S, Pathirana J, Petersen KL, Raghunathan PL, Ritter JM, Wadula J, Zaki SR, **Madhi SA.** Potential of Minimally Invasive Tissue Sampling for Attributing Specific Causes of Childhood Deaths in South Africa: A Pilot, Epidemiological Study. Clin Infect Dis. 2019 Oct 9;69(Suppl 4):S361-S373. doi: 10.1093/cid/ciz550. PMID: 31598659; PMCID: PMC6785686.
154. Raghunathan PL, **Madhi SA,** Breiman RF. Illuminating Child Mortality: Discovering Why Children Die. Clin Infect Dis. 2019 Oct 9;69(Suppl 4):S257-S259. doi: 10.1093/cid/ciz562. PMID: 31598658; PMCID: PMC6785666.
155. O'Mara Sage E, Munguambe KR, Blevins J, Guilaze R, Kosia B, Maixenchs M, Bassat Q, Mandomando I, Kaiser R, Kone A, Jambai A, Myburgh ND, Ngwenya N, **Madhi SA,** Degefa K, Ackley C, Breiman RF, Raghunathan PL. Investigating the Feasibility of Child Mortality Surveillance With Postmortem Tissue Sampling: Generating Constructs and Variables to Strengthen Validity and Reliability in Qualitative Research. Clin Infect Dis. 2019 Oct 9;69(Suppl 4):S291-S301. doi: 10.1093/cid/ciz564. PMID: 31598657; PMCID: PMC6785679.
156. **Madhi SA,** Pathirana J, Baillie V, Cutland C, Adam Y, Izu A, Bassat Q, Blau DM, Breiman RF, Hale M, Johnstone S, Martines RB, Mathunjwa A, Nzenze S, Ordi J, Raghunathan PL, Ritter JM, Solomon F, Wadula J, Zaki SR, Chawana R. An Observational Pilot Study Evaluating the Utility of Minimally Invasive Tissue Sampling to Determine the Cause of Stillbirths in South African Women. Clin Infect Dis. 2019 Oct 9;69(Suppl 4):S342-S350. doi: 10.1093/cid/ciz573. PMID: 31598656; PMCID: PMC6785671.
157. Walaza S, Cohen C, Tempia S, Moyes J, Nguweneza A, **Madhi SA,** McMorrow M, Cohen AL. Influenza and tuberculosis co-infection: A systematic review. Influenza Other Respir Viruses. 2020 Jan;14(1):77-91. doi: 10.1111/irv.12670. Epub 2019 Sep 30. PMID: 31568678; PMCID: PMC6928059.
158. Dhar N, Kwatra G, Nunes MC, Cutland C, Izu A, Nachbagauer R, Krammer F, **Madhi SA.** Hemagglutinin Stalk Antibody Responses Following Trivalent Inactivated Influenza Vaccine Immunization of Pregnant Women and Association With Protection From Influenza Virus Illness. Clin Infect Dis. 2020 Aug 14;71(4):1072-1079. doi: 10.1093/cid/ciz927. PMID: 31565750; PMCID: PMC7428398.
159. Patel SM, Jallow S, Boiditswe S, **Madhi SA,** Feemster KA, Steenhoff AP, Arscott-Mills T, Muthoga C, Ajibola G, Shapiro R, Shah SS, Cunningham CK, Kelly MS. Placental Transfer of Respiratory Syncytial Virus Antibody Among HIV- Exposed, Uninfected Infants. J Pediatric Infect Dis Soc. 2020 Jul 13;9(3):349-356. doi: 10.1093/jpids/piz056. PMID: 31549157; PMCID: PMC7358043.
160. Muriuki JM, Mentzer AJ, Band G, Gilchrist JJ, Carstensen T, Lule SA, Goheen MM, Joof F, Kimita W, Mogire R, Cutland CL, Diarra A, Rautanen A, Pomilla C, Gurdasani D, Rockett K, Mturi N, Ndungu FM, Scott JAG, Sirima SB, Morovat A, Prentice AM, **Madhi SA,** Webb EL, Elliott AM, Bejon P, Sandhu MS, Hill AVS, Kwiatkowski DP, Williams TN, Cerami C, Atkinson SH. The ferroportin Q248H mutation protects from anemia, but not malaria or bacteremia. Sci Adv. 2019 Sep 4;5(9):eaaw0109. doi: 10.1126/sciadv.aaw0109. PMID: 31517041; PMCID: PMC6726445.
161. Simões EAF, Nunes MC, Carosone-Link P, Madimabe R, Ortiz JR, Neuzil KM, Klugman KP, Cutland CL, **Madhi SA;** Matflu Team. Trivalent influenza vaccination randomized control trial of pregnant women and adverse fetal outcomes. Vaccine. 2019 Aug 23;37(36):5397-5403. doi: 10.1016/j.vaccine.2019.07.024. Epub 2019 Jul 19. PMID: 31331777; PMCID: PMC6694200.
162. Seale AC, Baker CJ, Berkley JA, **Madhi SA,** Ordi J, Saha SK, Schrag SJ, Sobanjo-Ter Meulen A, Vekemans J. Vaccines for maternal immunization against Group B Streptococcus disease: WHO perspectives on case ascertainment and case definitions. Vaccine. 2019 Aug 14;37(35):4877-4885. doi: 10.1016/j.vaccine.2019.07.012. Epub 2019 Jul 11. PMID: 31303524; PMCID: PMC6677922.
163. Mutsaerts EAML, Nunes MC, Bhikha S, Ikulinda BT, Boyce W, Jose L, Koen A, Moultrie A, Cutland CL, Grobbee DE, Klipstein-Grobusch K, **Madhi SA.** Immunogenicity and Safety of an Early Measles Vaccination Schedule at 6 and 12 Months of Age in Human Immunodeficiency Virus (HIV)-Unexposed and HIV-Exposed, Uninfected South African Children. J Infect Dis. 2019 Sep 26;220(9):1529-1538. doi: 10.1093/infdis/jiz348. PMID: 31282539.
164. Baillie VL, Moore DP, Mathunjwa A, Morailane P, Simões EAF, **Madhi SA.** Molecular Subtyping of Human Rhinovirus in Children from Three Sub-Saharan African Countries. J Clin Microbiol. 2019 Aug 26;57(9):e00723-19. doi: 10.1128/JCM.00723-19. PMID: 31270180; PMCID: PMC6711929.
165. Goldblatt D, **Madhi SA.** Efficacy and effectiveness of ten-valent versus 13-valent pneumococcal conjugate vaccines - Authors' reply. Lancet Infect Dis. 2019 Jul;19(7):693-694. doi: 10.1016/S1473-3099(19)30286-5. PMID: 31250817.
166. Moonsamy S, Suchard MS, **Madhi SA.** Immunogenicity of a combined schedule of trivalent oral and inactivated polio vaccines in South African infants. Expert Rev Vaccines. 2019 Jul;18(7):751-754. doi: 10.1080/14760584.2019.1627878. Epub 2019 Jun 13. PMID: 31194605.
167. Mutsaerts EAML, Nunes MC, van Rijswijk MN, Klipstein-Grobusch K, Grobbee DE, **Madhi SA.** Safety and Immunogenicity of Measles Vaccination in HIV-Infected and HIV-Exposed Uninfected Children: A Systematic Review and Meta-Analysis. EClinicalMedicine. 2018 Jul 2;1:28-42. doi: 10.1016/j.eclinm.2018.06.002. PMID: 31193646; PMCID: PMC6537570.
168. van Tonder AJ, Gladstone RA, Lo SW, Nahm MH, du Plessis M, Cornick J, Kwambana-Adams B, **Madhi SA,** Hawkins PA, Benisty R, Dagan R, Everett D, Antonio M, Klugman KP, von Gottberg A, Breiman RF, McGee L, Bentley SD; The Global Pneumococcal Sequencing Consortium. Putative novel cps loci in a large global collection of pneumococci. Microb Genom. 2019 Jul;5(7):e000274. doi: 10.1099/mgen.0.000274. Epub 2019 Jun 11. PMID: 31184299; PMCID: PMC6700660.
169. Cuningham W, Geard N, Fielding JE, Braat S, **Madhi SA,** Nunes MC, Christian LM, Lin SY, Lee CN, Yamaguchi K, Bisgaard H, Chawes B, Chao AS, Blanchard-Rohner G, Schlaudecker EP, Fisher BM, McVernon J, Moss R. Optimal timing of influenza vaccine during pregnancy: A systematic review and meta-analysis. Influenza Other Respir Viruses. 2019 Sep;13(5):438-452. doi: 10.1111/irv.12649. Epub 2019 Jun 5. PMID: 31165580; PMCID: PMC6692549.
170. Johnstone SL, Moore DP, Klugman KP, **Madhi SA,** Groome MJ. Epidemiology of invasive bacterial infections in pneumococcal conjugate vaccine-vaccinated and -unvaccinated children under 5 years of age in Soweto, South Africa: a cohort study from a high-HIV burden setting. Paediatr Int Child Health. 2020 Feb;40(1):50-57. doi: 10.1080/20469047.2019.1623572. Epub 2019 Jun 3. PMID: 31156062.
171. Burnett RJ, Dlamini NR, Meyer JC, Mutevedzi P, Kibuuka DK, Mphahlele MJ, **Madhi SA.** South Africa's first national vaccination coverage survey since 1994. S Afr Med J. 2019 Apr 29;109(5):12611. doi: 10.7196/SAMJ.2019.v109i5.14020. PMID: 31131790.
172. Groome MJ, Tate JE, Arnold M, Chitnis M, Cox S, de Vos C, Kirsten M, le Grange SM, Loveland J, Machaea S, Maharaj A, Andrews N, **Madhi SA,** Parashar UD. Evaluation of Intussusception After Oral Monovalent Rotavirus Vaccination in South Africa. Clin Infect Dis. 2020 Apr 10;70(8):1606-1612. doi: 10.1093/cid/ciz431. PMID: 31125061; PMCID: PMC7146001.
173. Gallagher KE, Knoll MD, Prosperi C, Baggett HC, Brooks WA, Feikin DR, Hammitt LL, Howie SRC, Kotloff KL, Levine OS, **Madhi SA,** Murdoch DR, O'Brien KL, Thea DM, Awori JO, Baillie VL, Ebruke BE, Goswami D, Kamau A, Maloney SA, Moore DP, Mwananyanda L, Olutunde EO, Seidenberg P, Sissoko S, Sylla M, Thamthitiwat S, Zaman K, Scott JAG. The Predictive Performance of a Pneumonia Severity Score in Human Immunodeficiency Virus-negative Children Presenting to Hospital in 7 Low- and Middle-income Countries. Clin Infect Dis. 2020 Mar 3;70(6):1050-1057. doi: 10.1093/cid/ciz350. PMID: 31111870; PMCID: PMC7610754.
174. Lees JA, Ferwerda B, Kremer PHC, Wheeler NE, Serón MV, Croucher NJ, Gladstone RA, Bootsma HJ, Rots NY, Wijmega-Monsuur AJ, Sanders EAM, Trzciński K, Wyllie AL, Zwinderman AH, van den Berg LH, van Rheenen W, Veldink JH, Harboe ZB, Lundbo LF, de Groot LCPGM, van Schoor NM, van der Velde N, Ängquist LH, Sørensen TIA, Nohr EA, Mentzer AJ, Mills TC, Knight JC, du Plessis M, Nzenze S, Weiser JN, Parkhill J, **Madhi SA,** Benfield T, von Gottberg A, van der Ende A, Brouwer MC, Barrett JC, Bentley SD, van de Beek D. Joint sequencing of human and pathogen genomes reveals the genetics of pneumococcal meningitis. Nat Commun. 2019 May 15;10(1):2176. doi: 10.1038/s41467-019-09976-3. PMID: 31092817; PMCID: PMC6520353.
175. Dangor Z, Khan M, Kwatra G, Izu A, Nakwa F, Ramdin T, Fredericks J, Lala SG, **Madhi SA.** The Association Between Breast Milk Group B Streptococcal Capsular Antibody Levels and Late-onset Disease in Young Infants. Clin Infect Dis. 2020 Mar 3;70(6):1110-1114. doi: 10.1093/cid/ciz360. PMID: 31056692.
176. Vekemans J, Crofts J, Baker CJ, Goldblatt D, Heath PT, **Madhi SA,** Le Doare K, Andrews N, Pollard AJ, Saha SK, Schrag SJ, Smith PG, Kaslow DC. The role of immune correlates of protection on the pathway to licensure, policy decision and use of group B Streptococcus vaccines for maternal immunization: considerations from World Health Organization consultations. Vaccine. 2019 May 27;37(24):3190-3198. doi: 10.1016/j.vaccine.2019.04.039. Epub 2019 Apr 25. PMID: 31031031; PMCID: PMC6528168.
177. Olwagen CP, Adrian PV, **Madhi SA.** Performance of the Biomark HD real-time qPCR System (Fluidigm) for the detection of nasopharyngeal bacterial pathogens and Streptococcus pneumoniae typing. Sci Rep. 2019 Apr 24;9(1):6494. doi: 10.1038/s41598-019-42846-y. PMID: 31019272; PMCID: PMC6482308.
178. Gladstone RA, Lo SW, Lees JA, Croucher NJ, van Tonder AJ, Corander J, Page AJ, Marttinen P, Bentley LJ, Ochoa TJ, Ho PL, du Plessis M, Cornick JE, Kwambana-Adams B, Benisty R, Nzenze SA, **Madhi SA,** Hawkins PA, Everett DB, Antonio M, Dagan R, Klugman KP, von Gottberg A, McGee L, Breiman RF, Bentley SD; Global Pneumococcal Sequencing Consortium. International genomic definition of pneumococcal lineages, to contextualise disease, antibiotic resistance and vaccine impact. EBioMedicine. 2019 May;43:338-346. doi: 10.1016/j.ebiom.2019.04.021. Epub 2019 Apr 16. PMID: 31003929; PMCID: PMC6557916.
179. Moonsamy S, Suchard M, **Madhi SA.** Effect of HIV-exposure and timing of anti- retroviral treatment on immunogenicity of trivalent live-attenuated polio vaccine in infants. PLoS One. 2019 Apr 19;14(4):e0215079. doi: 10.1371/journal.pone.0215079. PMID: 31002702; PMCID: PMC6474646.
180. **Madhi SA,** Goldblatt D. The duopoly of ten-valent and 13-valent pneumococcal conjugate vaccines: do they differ? Lancet Infect Dis. 2019 May;19(5):453-454. doi: 10.1016/S1473-3099(18)30785-0. Epub 2019 Apr 8. PMID: 30975524.
181. Jalbert E, Williamson KM, Kroehl ME, Johnson MJ, Cutland C, **Madhi SA,** Nunes MC, Weinberg A. HIV-Exposed Uninfected Infants Have Increased Regulatory T Cells That Correlate With Decreased T Cell Function. Front Immunol. 2019 Mar 26;10:595. doi: 10.3389/fimmu.2019.00595. PMID: 30972079; PMCID: PMC6445326.
182. Velaphi SC, Westercamp M, Moleleki M, Pondo T, Dangor Z, Wolter N, von Gottberg A, Shang N, Demirjian A, Winchell JM, Diaz MH, Nakwa F, Okudo G, Wadula J, Cutland C, Schrag SJ, **Madhi SA.** Surveillance for incidence and etiology of early-onset neonatal sepsis in Soweto, South Africa. PLoS One. 2019 Apr 10;14(4):e0214077. doi: 10.1371/journal.pone.0214077. PMID: 30970036; PMCID: PMC6457488.
183. McMorrow ML, Tempia S, Walaza S, Treurnicht FK, Moyes J, Cohen AL, Pretorius M, Hellferscee O, Wolter N, von Gottberg A, Nguweneza A, McAnerney JM, Naby F, Mekgoe O, Venter M, **Madhi SA,** Cohen C. The Impact of Human Immunodeficiency Virus Exposure on Respiratory Syncytial Virus-associated Severe Respiratory Illness in South African Infants, 2011-2016. Clin Infect Dis. 2019 Nov 27;69(12):2208-2211. doi: 10.1093/cid/ciz288. PMID: 30963178; PMCID: PMC6934254.
184. Dilthey AT, Mentzer AJ, Carapito R, Cutland C, Cereb N, **Madhi SA,** Rhie A, Koren S, Bahram S, McVean G, Phillippy AM. HLA\*LA-HLA typing from linearly projected graph alignments. Bioinformatics. 2019 Nov 1;35(21):4394-4396. doi: 10.1093/bioinformatics/btz235. PMID: 30942877; PMCID: PMC6821427.
185. Koen A, Jose L, **Madhi SA,** Fix A, Cryz S, Groome MJ. Neutrophil Counts in Healthy South African Infants: Implications for Enrollment and Adverse Event Grading in Clinical Trials in an African Setting. J Pediatr X. 2019 Spring;1:100005. doi: 10.1016/j.ympdx.2019.100005. PMID: 32734176; PMCID: PMC7376988.
186. **Madhi SA,** Briner C, Maswime S, Mose S, Mlandu P, Chawana R, Wadula J, Adam Y, Izu A, Cutland CL. Causes of stillbirths among women from South Africa: a prospective, observational study. Lancet Glob Health. 2019 Apr;7(4):e503-e512. doi: 10.1016/S2214-109X(18)30541-2. PMID: 30879510.
187. Le Doare K, Kampmann B, Vekemans J, Heath PT, Goldblatt D, Nahm MH, Baker C, Edwards MS, Kwatra G, Andrews N, **Madhi SA,** Ter Meulen AS, Anderson AS, Corsaro B, Fischer P, Gorringe A. Serocorrelates of protection against infant group B streptococcus disease. Lancet Infect Dis. 2019 May;19(5):e162-e171. doi: 10.1016/S1473-3099(18)30659-5. Epub 2019 Jan 22. PMID: 30683467.
188. Singh S, Solomon F, **Madhi SA,** Dangor Z, Lala SG. An evaluation of the quality of discharge summaries from the general paediatric wards at Chris Hani Baragwanath Academic Hospital, Johannesburg, South Africa. S Afr Med J. 2018 Oct 26;108(11):953-956. doi: 10.7196/SAMJ.2018.v108i11.12966. PMID: 30645963.
189. Wong KK, von Mollendorf C, Martinson N, Norris S, Tempia S, Walaza S, Variava E, McMorrow ML, **Madhi SA,** Cohen C, Cohen AL. Healthcare utilization for common infectious disease syndromes in Soweto and Klerksdorp, South Africa. Pan Afr Med J. 2018 Aug 10;30:271. doi: 10.11604/pamj.2018.30.271.14477. PMID: 30637056; PMCID: PMC6317391.
190. Subramoney K, Hellferscee O, Pretorius M, Tempia S, McMorrow M, von Gottberg A, Wolter N, Variava E, Dawood H, Kahn K, Walaza S, **Madhi SA,** Cohen C, Venter M, Treurnicht FK. Human bocavirus, coronavirus, and polyomavirus detected among patients hospitalised with severe acute respiratory illness in South Africa, 2012 to 2013. Health Sci Rep. 2018 Jul 18;1(8):e59. doi: 10.1002/hsr2.59. PMID: 30623094; PMCID: PMC6266378.
191. Pathirana J, Groome M, Dorfman J, Kwatra G, Boppana S, Cutland C, Jones S, **Madhi SA.** Prevalence of Congenital Cytomegalovirus Infection and Associated Risk of In Utero Human Immunodeficiency Virus (HIV) Acquisition in a High-HIV Prevalence Setting, South Africa. Clin Infect Dis. 2019 Oct 30;69(10):1789-1796. doi: 10.1093/cid/ciz019. PMID: 30615106.
192. Ghoor A, Mabaso T, Mopeli K, Izu A, **Madhi SA,** Lala SG, Verwey C, Dangor Z. Empyema in children hospitalised at Chris Hani Baragwanath Academic Hospital, Johannesburg, South Africa: A retrospective study. S Afr Med J. 2018 Nov 26;108(12):1055-1058. doi: 10.7196/SAMJ.2018.v108i12.13099. PMID: 30606292.
193. Nunes MC, Weinberg A, Cutland CL, Jones S, Wang D, Dighero-Kemp B, Levine MZ, Wairagkar N, **Madhi SA.** Neutralization and hemagglutination-inhibition antibodies following influenza vaccination of HIV-infected and HIV-uninfected pregnant women. PLoS One. 2018 Dec 31;13(12):e0210124. doi: 10.1371/journal.pone.0210124. PMID: 30596775; PMCID: PMC6312282.
194. Jallow S, Agosti Y, Kgagudi P, Vandecar M, Cutland CL, Simões EAF, Nunes MC, Suchard MS, **Madhi SA.** Impaired Transplacental Transfer of Respiratory Syncytial Virus-neutralizing Antibodies in Human Immunodeficiency Virus-infected Versus -uninfected Pregnant Women. Clin Infect Dis. 2019 Jun 18;69(1):151-154. doi: 10.1093/cid/ciy1071. PMID: 30561563.
195. Tempia S, Walaza S, Moyes J, Cohen AL, McMorrow ML, Treurnicht FK, Hellferscee O, Wolter N, von Gottberg A, Nguweneza A, McAnerney JM, Dawood H, Variava E, **Madhi SA,** Cohen C. Quantifying How Different Clinical Presentations, Levels of Severity, and Healthcare Attendance Shape the Burden of Influenza-associated Illness: A Modeling Study From South Africa. Clin Infect Dis. 2019 Aug 30;69(6):1036-1048. doi: 10.1093/cid/ciy1017. PMID: 30508065; PMCID: PMC7804385.
196. **Madhi SA,** López P, Zambrano B, Jordanov E, B'Chir S, Noriega F, Feroldi E. Antibody persistence in pre-school children after hexavalent vaccine infant primary and booster administration. Hum Vaccin Immunother. 2019;15(3):658-668. doi: 10.1080/21645515.2018.1546524. Epub 2019 Jan 31. PMID: 30513252; PMCID: PMC6605714.
197. McMorrow ML, Tempia S, Walaza S, Treurnicht FK, Ramkrishna W, Azziz- Baumgartner E, **Madhi SA,** Cohen C. Prioritization of risk groups for influenza vaccination in resource limited settings - A case study from South Africa. Vaccine. 2019 Jan 3;37(1):25-33. doi: 10.1016/j.vaccine.2018.11.048. Epub 2018 Nov 22. PMID: 30471956; PMCID: PMC6470296.
198. Klugman KP, **Madhi SA,** Ginsburg AS, Rodgers GL. The role of bacterial vaccines in the prevention of influenza mortality. Lancet Glob Health. 2018 Dec;6(12):e1268-e1269. doi: 10.1016/S2214-109X(18)30445-5. PMID: 30420025.
199. Mutsaerts EAML, Nunes MC, van Rijswijk MN, Klipstein-Grobusch K, Otwombe K, Cotton MF, Violari A, **Madhi SA.** Measles Immunity at 4.5 Years of Age Following Vaccination at 9 and 15-18 Months of Age Among Human Immunodeficiency Virus (HIV)-infected, HIV-exposed-uninfected, and HIV-unexposed Children. Clin Infect Dis. 2019 Aug 1;69(4):687-696. doi: 10.1093/cid/ciy964. PMID: 30418528; PMCID: PMC6669279.
200. Simani OE, Izu A, Nunes MC, Violari A, Cotton MF, Van Niekerk N, Adrian PV, **Madhi SA.** Effect of HIV exposure and timing of antiretroviral therapy initiation on immune memory responses to diphtheria, tetanus, whole cell pertussis and hepatitis B vaccines. Expert Rev Vaccines. 2019 Jan;18(1):95-104. doi: 10.1080/14760584.2019.1547195. Epub 2018 Nov 19. PMID: 30417710; PMCID: PMC6842654.
201. Price CA, Green-Thompson L, Mammen VG, **Madhi SA,** Lala SG, Dangor Z. Knowledge gaps among South African healthcare providers regarding the prevention of neonatal group B streptococcal disease. PLoS One. 2018 Oct 5;13(10):e0205157. doi: 10.1371/journal.pone.0205157. PMID: 30289900; PMCID: PMC6173416.
202. **Madhi SA,** Rees H. Special focus on challenges and opportunities for the development and use of vaccines in Africa. Hum Vaccin Immunother. 2018;14(10):2335-2339. doi: 10.1080/21645515.2018.1522921. Epub 2018 Sep 27. PMID: 30235057; PMCID: PMC6284501.
203. Nadan S, Taylor MB, Groome MJ, Cohen C, **Madhi SA,** Page NA. Epidemiology of human astroviruses among children younger than 5 years: Prospective hospital- based sentinel surveillance in South Africa, 2009-2014. J Med Virol. 2019 Feb;91(2):225-234. doi: 10.1002/jmv.25308. Epub 2018 Oct 9. PMID: 30192398.
204. Ismail NA, Omar SV, Mvusi L, **Madhi SA.** Prevalence of drug-resistant tuberculosis in South Africa - Authors' reply. Lancet Infect Dis. 2018 Aug;18(8):836-837. doi: 10.1016/S1473-3099(18)30422-5. PMID: 30064675.
205. Wong KK, Cohen AL, Martinson NA, Norris SA, Tempia S, von Mollendorf C, Walaza S, **Madhi SA,** McMorrow ML, Cohen C. Responses to hypothetical health scenarios overestimate healthcare utilization for common infectious syndromes: a cross-sectional survey, South Africa, 2012. BMC Infect Dis. 2018 Jul 25;18(1):344. doi: 10.1186/s12879-018-3252-0. PMID: 30045687; PMCID: PMC6060471.
206. **Madhi SA,** Nunes MC. Experience and challenges on influenza and pertussis vaccination in pregnant women. Hum Vaccin Immunother. 2018;14(9):2183-2188. doi: 10.1080/21645515.2018.1483810. Epub 2018 Jul 24. PMID: 30024822; PMCID: PMC6183140.
207. Harausz EP, Garcia-Prats AJ, Law S, Schaaf HS, Kredo T, Seddon JA, Menzies D, Turkova A, Achar J, Amanullah F, Barry P, Becerra M, Chan ED, Chan PC, Ioana Chiotan D, Crossa A, Drobac PC, Fairlie L, Falzon D, Flood J, Gegia M, Hicks RM, Isaakidis P, Kadri SM, Kampmann B, **Madhi SA,** Marais E, Mariandyshev A, Méndez- Echevarría A, Moore BK, Nargiza P, Ozere I, Padayatchi N, Ur-Rehman S, Rybak N, Santiago-Garcia B, Shah NS, Sharma S, Shim TS, Skrahina A, Soriano-Arandes A, van den Boom M, van der Werf MJ, van der Werf TS, Williams B, Yablokova E, Yim JJ, Furin J, Hesseling AC; Collaborative Group for Meta-Analysis of Paediatric Individual Patient Data in MDR-TB. Treatment and outcomes in children with multidrug-resistant tuberculosis: A systematic review and individual patient data meta-analysis. PLoS Med. 2018 Jul 11;15(7):e1002591. doi: 10.1371/journal.pmed.1002591. PMID: 29995958; PMCID: PMC6040687.
208. Balsells E, Dagan R, Yildirim I, Gounder PP, Steens A, Muñoz-Almagro C, Mameli C, Kandasamy R, Givon Lavi N, Daprai L, van der Ende A, Trzciński K, Nzenze SA, Meiring S, Foster D, Bulkow LR, Rudolph K, Valero-Rello A, Ducker S, Vestrheim DF, von Gottberg A, Pelton SI, Zuccotti G, Pollard AJ, Sanders EAM, Campbell H, **Madhi SA,** Nair H, Kyaw MH. The relative invasive disease potential of Streptococcus pneumoniae among children after PCV introduction: A systematic review and meta-analysis. J Infect. 2018 Nov;77(5):368-378. doi: 10.1016/j.jinf.2018.06.004. Epub 2018 Jun 30. PMID: 29964140.
209. McMorrow ML, Tempia S, Walaza S, Treurnicht FK, Moyes J, Cohen AL, Pretorius M, Hellferscee O, Wolter N, von Gottberg A, Nguweneza A, McAnerney JM, Naby F, Mekgoe O, Venter M, **Madhi SA,** Cohen C. The Role of Human Immunodeficiency Virus in Influenza- and Respiratory Syncytial Virus-associated Hospitalizations in South African Children, 2011-2016. Clin Infect Dis. 2019 Feb 15;68(5):773-780. doi: 10.1093/cid/ciy532. PMID: 29961814; PMCID: PMC6432774.
210. Dzanibe S, **Madhi SA.** Systematic review of the clinical development of group B streptococcus serotype-specific capsular polysaccharide-based vaccines. Expert Rev Vaccines. 2018 Jul;17(7):635-651. doi: 10.1080/14760584.2018.1496021. Epub 2018 Jul 13. PMID: 29961350.
211. Rha B, Dahl RM, Moyes J, Binder AM, Tempia S, Walaza S, Bi D, Groome MJ, Variava E, Naby F, Kahn K, Treurnicht F, Cohen AL, Gerber SI, **Madhi SA,** Cohen C. Performance of Surveillance Case Definitions in Detecting Respiratory Syncytial Virus Infection Among Young Children Hospitalized With Severe Respiratory Illness-South Africa, 2009-2014. J Pediatric Infect Dis Soc. 2019 Sep 25;8(4):325-333. doi: 10.1093/jpids/piy055. PMID: 29931284.
212. Baillie VL, Olwagen CP, **Madhi SA.** Review on Clinical and Molecular Epidemiology of Human Rhinovirus-Associated Lower Respiratory Tract Infections in African and Southeast Asian Children. Pediatr Infect Dis J. 2018 Jul;37(7):e185-e194. doi: 10.1097/INF.0000000000001897. PMID: 29893746.
213. Lo SW, Gladstone RA, van Tonder AJ, Hawkins PA, Kwambana-Adams B, Cornick JE, **Madhi SA,** Nzenze SA, du Plessis M, Kandasamy R, Carter PE, Eser ÖK, Ho PL, Elmdaghri N, Shakoor S, Clarke SC, Antonio M, Everett DB, von Gottberg A, Klugman KP, McGee L, Breiman RF, Bentley SD. Global Distribution of Invasive Serotype 35D Streptococcus pneumoniae Isolates following Introduction of 13-Valent Pneumococcal Conjugate Vaccine. J Clin Microbiol. 2018 Jun 25;56(7):e00228-18. doi: 10.1128/JCM.00228-18. PMID: 29720431; PMCID: PMC6018339.
214. Olwagen CP, Adrian PV, Nunes MC, **Madhi SA.** Evaluation of the association of pneumococcal conjugate vaccine immunization and density of nasopharyngeal bacterial colonization using a multiplex quantitative polymerase chain reaction assay. Vaccine. 2018 May 31;36(23):3278-3285. doi: 10.1016/j.vaccine.2018.04.068. Epub 2018 Apr 27. PMID: 29709448.
215. Ismail NA, Mvusi L, Nanoo A, Dreyer A, Omar SV, Babatunde S, Molebatsi T, van der Walt M, Adelekan A, Deyde V, Ihekweazu C, **Madhi SA.** Prevalence of drug- resistant tuberculosis and imputed burden in South Africa: a national and sub-national cross-sectional survey. Lancet Infect Dis. 2018 Jul;18(7):779-787. doi: 10.1016/S1473-3099(18)30222-6. Epub 2018 Apr 21. PMID: 29685458; PMCID: PMC6800151.
216. Nunes MC, Cutland CL, **Madhi SA.** Influenza Vaccination during Pregnancy and Protection against Pertussis. N Engl J Med. 2018 Mar 29;378(13):1257-1258. doi: 10.1056/NEJMc1705208. PMID: 29590549; PMCID: PMC5810468.
217. Nunes MC, **Madhi SA.** Prevention of influenza-related illness in young infants by maternal vaccination during pregnancy. F1000Res. 2018 Jan 29;7:122. doi: 10.12688/f1000research.12473.1. PMID: 29445450; PMCID: PMC5791002.
218. Omer SB, Clark DR, Aqil AR, Tapia MD, Nunes MC, Kozuki N, Steinhoff MC, **Madhi SA,** Wairagkar N; for BMGF Supported Maternal Influenza Immunization Trials Investigators Group. Maternal Influenza Immunization and Prevention of Severe Clinical Pneumonia in Young Infants: Analysis of Randomized Controlled Trials Conducted in Nepal, Mali and South Africa. Pediatr Infect Dis J. 2018 May;37(5):436-440. doi: 10.1097/INF.0000000000001914. PMID: 29443825.
219. Vekemans J, Moorthy V, Friede M, Alderson MR, Sobanjo-Ter Meulen A, Baker CJ, Heath PT, **Madhi SA,** Mehring-Le Doare K, Saha SK, Schrag S, Kaslow DC. Maternal immunization against Group B streptococcus: World Health Organization research and development technological roadmap and preferred product characteristics. Vaccine. 2019 Nov 28;37(50):7391-7393. doi:10.1016/j.vaccine.2017.09.087. Epub 2018 Feb 2. PMID: 29398277; PMCID: PMC6892248.
220. **Madhi SA,** Rivera LM, Sáez-Llorens X, Menéndez C, Carrim-Ganey N, Cotton MF, Katzman D, Luttig MM, Candelario R, Baker S, Roychoudhury M. Factors influencing access of pregnant women and their infants to their local healthcare system: a prospective, multi-centre, observational study. BMC Pregnancy Childbirth. 2018 Jan 15;18(1):29. doi: 10.1186/s12884-017-1655-3. PMID: 29334920; PMCID: PMC5769295.
221. Firth GB, Lescheid J, Camacho M, Esteves M, Beylis N, Groome MJ, **Madhi SA.** Extraspinal osteoarticular multidrug-resistant tuberculosis in children: A case series. S Afr Med J. 2017 Oct 31;107(11):983-986. doi: 10.7196/SAMJ.2017.v107i11.12577. PMID: 29262940.
222. **Madhi SA,** Cutland CL, Downs S, Jones S, van Niekerk N, Simoes EAF, Nunes MC. Burden of Respiratory Syncytial Virus Infection in South African Human Immunodeficiency Virus (HIV)-Infected and HIV-Uninfected Pregnant and Postpartum Women: A Longitudinal Cohort Study. Clin Infect Dis. 2018 May 17;66(11):1658-1665. doi: 10.1093/cid/cix1088. PMID: 29253090; PMCID: PMC5961360.
223. Ortiz JR, Hickling J, Jones R, Donabedian A, Engelhardt OG, Katz JM, **Madhi SA,** Neuzil KM, Rimmelzwaan GF, Southern J, Spiro DJ, Hombach J. Report on eighth WHO meeting on development of influenza vaccines that induce broadly protective and long-lasting immune responses: Chicago, USA, 23-24 August 2016. Vaccine. 2018 Feb 8;36(7):932-938. doi: 10.1016/j.vaccine.2017.11.061. Epub 2017 Dec 6. PMID: 29221895.
224. Tempia S, Walaza S, Moyes J, Cohen AL, von Mollendorf C, McMorrow ML, Mhlanga S, Treurnicht FK, Venter M, Pretorius M, Hellferscee O, Wolter N, von Gottberg A, Nguweneza A, McAnerney JM, Dawood H, Variava E, **Madhi SA,** Cohen C. The effects of the attributable fraction and the duration of symptoms on burden estimates of influenza-associated respiratory illnesses in a high HIV prevalence setting, South Africa, 2013-2015. Influenza Other Respir Viruses. 2018 May;12(3):360-373. doi: 10.1111/irv.12529. Epub 2018 Feb 1. PMID: 29210203; PMCID: PMC5907815.
225. Dzanibe S, Kwatra G, Adrian PV, Kimaro-Mlacha SZ, Cutland CL, **Madhi SA** Association between antibodies against group B Streptococcus surface proteins and recto-vaginal colonisation during pregnancy. Sci Rep. 2017 Nov 28;7(1):16454. doi: 10.1038/s41598-017-16757-9. PMID: 29184151; PMCID: PMC5705700.
226. Olwagen CP, Adrian PV, Nunes MC, Groome MJ, Cotton MF, Violari A, **Madhi SA.** Use of Multiplex Quantitative PCR To Evaluate the Impact of Pneumococcal Conjugate Vaccine on Nasopharyngeal Pneumococcal Colonization in African Children. mSphere. 2017 Nov 8;2(6):e00404-17. doi: 10.1128/mSphere.00404-17. PMID: 29134203; PMCID: PMC5677981.
227. Seale AC, Bianchi-Jassir F, Russell NJ, Kohli-Lynch M, Tann CJ, Hall J, Madrid L, Blencowe H, Cousens S, Baker CJ, Bartlett L, Cutland C, Gravett MG, Heath PT, Ip M, Le Doare K, **Madhi SA,** Rubens CE, Saha SK, Schrag SJ, Sobanjo-Ter Meulen A, Vekemans J, Lawn JE. Estimates of the Burden of Group B Streptococcal Disease Worldwide for Pregnant Women, Stillbirths, and Children. Clin Infect Dis. 2017 Nov 6;65(suppl\_2):S200-S219. doi: 10.1093/cid/cix664. PMID: 29117332; CID: PMC5849940.
228. Kohli-Lynch M, Russell NJ, Seale AC, Dangor Z, Tann CJ, Baker CJ, Bartlett L, Cutland C, Gravett MG, Heath PT, Ip M, Le Doare K, **Madhi SA,** Rubens CE, Saha SK, Schrag S, Sobanjo-Ter Meulen A, Vekemans J, O'Sullivan C, Nakwa F, Ben Hamouda H, Soua H, Giorgakoudi K, Ladhani S, Lamagni T, Rattue H, Trotter C, Lawn JE. Neurodevelopmental Impairment in Children After Group B Streptococcal Disease Worldwide: Systematic Review and Meta-analyses. Clin Infect Dis. 2017 Nov 6;65(suppl\_2):S190-S199. doi: 10.1093/cid/cix663. PMID: 29117331; PMCID: PMC5848372.
229. Tann CJ, Martinello KA, Sadoo S, Lawn JE, Seale AC, Vega-Poblete M, Russell NJ, Baker CJ, Bartlett L, Cutland C, Gravett MG, Ip M, Le Doare K, **Madhi SA,** Rubens CE, Saha SK, Schrag S, Sobanjo-Ter Meulen A, Vekemans J, Heath PT; GBS Neonatal Encephalopathy Investigator Group. Neonatal Encephalopathy With Group B Streptococcal Disease Worldwide: Systematic Review, Investigator Group Datasets, and Meta-analysis. Clin Infect Dis. 2017 Nov 6;65(suppl\_2):S173-S189. doi: 10.1093/cid/cix662. PMID: 29117330; PMCID: PMC5850525.
230. Bianchi-Jassir F, Seale AC, Kohli-Lynch M, Lawn JE, Baker CJ, Bartlett L, Cutland C, Gravett MG, Heath PT, Ip M, Le Doare K, **Madhi SA,** Saha SK, Schrag S, Sobanjo-Ter Meulen A, Vekemans J, Rubens CE. Preterm Birth Associated With Group B Streptococcus Maternal Colonization Worldwide: Systematic Review and Meta-analyses. Clin Infect Dis. 2017 Nov 6;65(suppl\_2):S133-S142. doi: 10.1093/cid/cix661. PMID: 29117329; PMCID: PMC5850429.
231. Hall J, Adams NH, Bartlett L, Seale AC, Lamagni T, Bianchi-Jassir F, Lawn JE, Baker CJ, Cutland C, Heath PT, Ip M, Le Doare K, **Madhi SA,** Rubens CE, Saha SK, Schrag S, Sobanjo-Ter Meulen A, Vekemans J, Gravett MG. Maternal Disease With Group B Streptococcus and Serotype Distribution Worldwide: Systematic Review and Meta-analyses. Clin Infect Dis. 2017 Nov 6;65(suppl\_2):S112-S124. doi: 10.1093/cid/cix660. PMID: 29117328; PMCID: PMC5850000.
232. Russell NJ, Seale AC, O'Driscoll M, O'Sullivan C, Bianchi-Jassir F, Gonzalez-Guarin J, Lawn JE, Baker CJ, Bartlett L, Cutland C, Gravett MG, Heath PT, Le Doare K, **Madhi SA,** Rubens CE, Schrag S, Sobanjo-Ter Meulen A, Vekemans J, Saha SK, Ip M; GBS Maternal Colonization Investigator Group. Maternal Colonization With Group B Streptococcus and Serotype Distribution Worldwide: Systematic Review and Meta-analyses. Clin Infect Dis. 2017 Nov 6;65(suppl\_2):S100-S111. doi: 10.1093/cid/cix658. PMID: 29117327; PMCID: PMC5848259.
233. Madrid L, Seale AC, Kohli-Lynch M, Edmond KM, Lawn JE, Heath PT, **Madhi SA,** Baker CJ, Bartlett L, Cutland C, Gravett MG, Ip M, Le Doare K, Rubens CE, Saha SK, Sobanjo-Ter Meulen A, Vekemans J, Schrag S; Infant GBS Disease Investigator Group. Infant Group B Streptococcal Disease Incidence and Serotypes Worldwide: Systematic Review and Meta-analyses. Clin Infect Dis. 2017 Nov 6;65(suppl\_2):S160-S172. doi: 10.1093/cid/cix656. PMID: 29117326; PMCID: PMC5850457.
234. Russell NJ, Seale AC, O'Sullivan C, Le Doare K, Heath PT, Lawn JE, Bartlett L, Cutland C, Gravett M, Ip M, **Madhi SA,** Rubens CE, Saha SK, Schrag S, Sobanjo- Ter Meulen A, Vekemans J, Baker CJ. Risk of Early-Onset Neonatal Group B Streptococcal Disease With Maternal Colonization Worldwide: Systematic Review and Meta-analyses. Clin Infect Dis. 2017 Nov 6;65(suppl\_2):S152-S159. doi: 10.1093/cid/cix655. PMID: 29117325; PMCID: PMC5850448.
235. Le Doare K, O'Driscoll M, Turner K, Seedat F, Russell NJ, Seale AC, Heath PT, Lawn JE, Baker CJ, Bartlett L, Cutland C, Gravett MG, Ip M, **Madhi SA,** Rubens CE, Saha SK, Schrag S, Sobanjo-Ter Meulen A, Vekemans J, Kampmann B; GBS Intrapartum Antibiotic Investigator Group. Intrapartum Antibiotic Chemoprophylaxis Policies for the Prevention of Group B Streptococcal Disease Worldwide: Systematic Review. Clin Infect Dis. 2017 Nov 6;65(suppl\_2):S143-S151. doi: 10.1093/cid/cix654. PMID: 29117324; PMCID: PMC5850619.
236. Lawn JE, Bianchi-Jassir F, Russell NJ, Kohli-Lynch M, Tann CJ, Hall J, Madrid L, Baker CJ, Bartlett L, Cutland C, Gravett MG, Heath PT, Ip M, Le Doare K, **Madhi SA,** Rubens CE, Saha SK, Schrag S, Sobanjo-Ter Meulen A, Vekemans J, Seale AC. Group B Streptococcal Disease Worldwide for Pregnant Women, Stillbirths, and Children: Why, What, and How to Undertake Estimates? Clin Infect Dis. 2017 Nov 6;65(suppl\_2):S89-S99. doi: 10.1093/cid/cix653. PMID: 29117323; PMCID: PMC5850012.
237. Seale AC, Blencowe H, Bianchi-Jassir F, Embleton N, Bassat Q, Ordi J, Menéndez C, Cutland C, Briner C, Berkley JA, Lawn JE, Baker CJ, Bartlett L, Gravett MG, Heath PT, Ip M, Le Doare K, Rubens CE, Saha SK, Schrag S, Meulen AS, Vekemans J, **Madhi SA.** Stillbirth With Group B Streptococcus Disease Worldwide: Systematic Review and Meta-analyses. Clin Infect Dis. 2017 Nov 6;65(suppl\_2):S125-S132. doi: 10.1093/cid/cix585. PMID: 29117322; PMCID: PMC5850020.
238. Page NA, Seheri LM, Groome MJ, Moyes J, Walaza S, Mphahlele J, Kahn K, Kapongo CN, Zar HJ, Tempia S, Cohen C, **Madhi SA.** Temporal association of rotavirus vaccination and genotype circulation in South Africa: Observations from 2002 to 2014. Vaccine. 2018 Nov 12;36(47):7231-7237. doi: 10.1016/j.vaccine.2017.10.062. Epub 2017 Oct 27. PMID: 29110933; PMCID: PMC6497815.
239. Mahomed N, Fancourt N, de Campo J, de Campo M, Akano A, Cherian T, Cohen OG, Greenberg D, Lacey S, Kohli N, Lederman HM, **Madhi SA,** Manduku V, McCollum ED, Park K, Ribo-Aristizabal JL, Bar-Zeev N, O'Brien KL, Mulholland K. Preliminary report from the World Health Organisation Chest Radiography in Epidemiological Studies project. Pediatr Radiol. 2017 Oct;47(11):1399-1404. doi: 10.1007/s00247-017-3834-9. Epub 2017 Sep 21. PMID: 29043423; PMCID: PMC5608771.
240. Cohen C, Walaza S, Treurnicht FK, McMorrow M, **Madhi SA,** McAnerney JM, Tempia S. In- and Out-of-hospital Mortality Associated with Seasonal and Pandemic Influenza and Respiratory Syncytial Virus in South Africa, 2009-2013. Clin Infect Dis. 2018 Jan 6;66(1):95-103. doi: 10.1093/cid/cix740. PMID: 29040527; PMCID: PMC5813484.
241. **Madhi SA,** Koen A, Cutland CL, Jose L, Govender N, Wittke F, Olugbosi M, Sobanjo-Ter Meulen A, Baker S, Dull PM, Narasimhan V, Slobod K. Antibody Kinetics and Response to Routine Vaccinations in Infants Born to Women Who Received an Investigational Trivalent Group B Streptococcus Polysaccharide CRM197-Conjugate Vaccine During Pregnancy. Clin Infect Dis. 2017 Nov 13;65(11):1897-1904. doi: 10.1093/cid/cix666. PMID: 29029127; PMCID: PMC5848233.
242. Moore DP, Murdoch DR, O' Brien KL, **Madhi SA.** Reply to Drancourt. Clin Infect Dis. 2017 Nov 29;65(12):2159. doi: 10.1093/cid/cix715. PMID: 29020362.
243. Wright MS, McCorrison J, Gomez AM, Beck E, Harkins D, Shankar J, Mounaud S, Segubre-Mercado E, Mojica AMR, Bacay B, Nzenze SA, Kimaro SZM, Adrian P, Klugman KP, Lucero MG, Nelson KE, **Madhi SA,** Sutton GG, Nierman WC, Losada L. Strain Level *Streptococcus* Colonization Patterns during the First Year of Life. Front Microbiol. 2017 Sep 6;8:1661. doi: 10.3389/fmicb.2017.01661. PMID: 28932211; PMCID: PMC5592222.
244. Scheltema NM, Gentile A, Lucion F, Nokes DJ, Munywoki PK, **Madhi SA,** Groome MJ, Cohen C, Moyes J, Thorburn K, Thamthitiwat S, Oshitani H, Lupisan SP, Gordon A, Sánchez JF, O'Brien KL; PERCH Study Group, Gessner BD, Sutanto A, Mejias A, Ramilo O, Khuri-Bulos N, Halasa N, de-Paris F, Pires MR, Spaeder MC, Paes BA, Simões EAF, Leung TF, da Costa Oliveira MT, de Freitas Lázaro Emediato CC, Bassat Q, Butt W, Chi H, Aamir UB, Ali A, Lucero MG, Fasce RA, Lopez O, Rath BA, Polack FP, Papenburg J, Roglić S, Ito H, Goka EA, Grobbee DE, Nair H, Bont LJ. Global respiratory syncytial virus-associated mortality in young children (RSV GOLD): a retrospective case series. Lancet Glob Health. 2017 Oct;5(10):e984-e991. doi: 10.1016/S2214-109X(17)30344-3. Erratum in: Lancet Glob Health. 2017 Dec;5(12 ):e1190. PMID: 28911764; PMCID: PMC5599304.
245. Neuzil KM, Bresee JS, de la Hoz F, Johansen K, Karron RA, Krishnan A, **Madhi SA,** Mangtani P, Spiro DJ, Ortiz JR; WHO Preferred Product Characteristics for Next-Generation Influenza Vaccines Advisory Group. Data and product needs for influenza immunization programs in low- and middle-income countries: Rationale and main conclusions of the WHO preferred product characteristics for next- generation influenza vaccines. Vaccine. 2017 Oct 13;35(43):5734-5737. doi: 10.1016/j.vaccine.2017.08.088. Epub 2017 Sep 20. PMID: 28893473.
246. Dangor Z, Nunes MC, Kwatra G, Lala SG, **Madhi SA.** Vaccination of HIV- infected pregnant women: implications for protection of their young infants. Trop Dis Travel Med Vaccines. 2017 Jan 6;3:1. doi: 10.1186/s40794-016-0044-7. PMID: 28883971; PMCID: PMC5530931.
247. McCollum ED, Park DE, Watson NL, Buck WC, Bunthi C, Devendra A, Ebruke BE,Elhilali M, Emmanouilidou D, Garcia-Prats AJ, Githinji L, Hossain L, **Madhi SA,** Moore DP, Mulindwa J, Olson D, Awori JO, Vandepitte WP, Verwey C, West JE, Knoll MD, O'Brien KL, Feikin DR, Hammit LL. Listening panel agreement and characteristics of lung sounds digitally recorded from children aged 1-59 months enrolled in the Pneumonia Etiology Research for Child Health (PERCH) case- control study. BMJ Open Respir Res. 2017 Jun 30;4(1):e000193. doi: 10.1136/bmjresp-2017-000193. PMID: 28883927; PMCID: PMC5531306.
248. Izu A, Solomon F, Nzenze SA, Mudau A, Zell E, O'Brien KL, Whitney CG, Verani J, Groome M, **Madhi SA.** Pneumococcal conjugate vaccines and hospitalization of children for pneumonia: a time-series analysis, South Africa, 2006-2014. Bull World Health Organ. 2017 Sep 1;95(9):618-628. doi: 10.2471/BLT.16.187849. Epub 2017 Jun 26. PMID: 28867842; PMCID: PMC5578378.
249. Jallow S, Cutland CL, Masbou AK, Adrian P, **Madhi SA.** Maternal HIV infection associated with reduced transplacental transfer of measles antibodies and increased susceptibility to disease. J Clin Virol. 2017 Sep;94:50-56. doi: 10.1016/j.jcv.2017.07.009. Epub 2017 Jul 20. PMID: 28759772.
250. Farag TH, Koplan JP, Breiman RF, **Madhi SA,** Heaton PM, Mundel T, Ordi J, Bassat Q, Menendez C, Dowell SF. Precisely Tracking Childhood Death. Am J Trop Med Hyg. 2017 Jul;97(1):3-5. doi: 10.4269/ajtmh.16-0302. PMID: 28719334; PMCID: PMC5508885.
251. Nunes MC, **Madhi SA.** Influenza vaccination during pregnancy for prevention of influenza confirmed illness in the infants: A systematic review and meta-analysis. Hum Vaccin Immunother. 2018 Mar 4;14(3):758-766. doi: 10.1080/21645515.2017.1345385. Epub 2017 Oct 18. PMID: 28708952; PMCID: PMC5861794.
252. Shi T, McAllister DA, O'Brien KL, Simoes EAF, **Madhi SA,** Gessner BD, Polack FP, Balsells E, Acacio S, Aguayo C, Alassani I, Ali A, Antonio M, Awasthi S, Awori JO, Azziz-Baumgartner E, Baggett HC, Baillie VL, Balmaseda A, Barahona A, Basnet S, Bassat Q, Basualdo W, Bigogo G, Bont L, Breiman RF, Brooks WA, Broor S, Bruce N, Bruden D, Buchy P, Campbell S, Carosone-Link P, Chadha M, Chipeta J, Chou M, Clara W, Cohen C, de Cuellar E, Dang DA, Dash-Yandag B, Deloria-Knoll M, Dherani M, Eap T, Ebruke BE, Echavarria M, de Freitas Lázaro Emediato CC, Fasce RA, Feikin DR, Feng L, Gentile A, Gordon A, Goswami D, Goyet S, Groome M, Halasa N, Hirve S, Homaira N, Howie SRC, Jara J, Jroundi I, Kartasasmita CB, Khuri-Bulos N, Kotloff KL, Krishnan A, Libster R, Lopez O, Lucero MG, Lucion F, Lupisan SP, Marcone DN, McCracken JP, Mejia M, Moisi JC, Montgomery JM, Moore DP, Moraleda C, Moyes J, Munywoki P, Mutyara K, Nicol MP, Nokes DJ, Nymadawa P, da Costa Oliveira MT, Oshitani H, Pandey N, Paranhos-Baccalà G, Phillips LN, Picot VS, Rahman M, Rakoto-Andrianarivelo M, Rasmussen ZA, Rath BA, Robinson A, Romero C, Russomando G, Salimi V, Sawatwong P, Scheltema N, Schweiger B, Scott JAG, Seidenberg P, Shen K, Singleton R, Sotomayor V, Strand TA, Sutanto A, Sylla M, Tapia MD, Thamthitiwat S, Thomas ED, Tokarz R, Turner C, Venter M, Waicharoen S, Wang J, Watthanaworawit W, Yoshida LM, Yu H, Zar HJ, Campbell H, Nair H; RSV Global Epidemiology Network. Global, regional, and national disease burden estimates of acute lower respiratory infections due to respiratory syncytial virus in young children in 2015: a systematic review and modelling study. Lancet. 2017 Sep 2;390(10098):946-958. doi: 10.1016/S0140-6736(17)30938-8. Epub 2017 Jul 7. PMID: 28689664; PMCID: PMC5592248.
253. Jallow S, **Madhi SA,** Madimabe R, Sipambo N, Violari A, Kala U, Petersen K, Naidoo S, Verwey C, Moore DP, Nunes MC. Immunogenicity of 13-valent pneumococcal conjugate vaccine among children with underlying medical conditions. Vaccine. 2017 Aug 3;35(34):4321-4329. doi: 10.1016/j.vaccine.2017.06.081. Epub 2017 Jul 5. PMID: 28688781.
254. Olwagen CP, Adrian PV, **Madhi SA.** Comparison of traditional culture and molecular qPCR for detection of simultaneous carriage of multiple pneumococcal serotypes in African children. Sci Rep. 2017 Jul 5;7(1):4628. doi: 10.1038/s41598-017-04915-y. PMID: 28680083; PMCID: PMC5498530.
255. Moyes J, Walaza S, Pretorius M, Groome M, von Gottberg A, Wolter N, Haffejee S, Variava E, Cohen AL, Tempia S, Kahn K, Dawood H, Venter M, Cohen C, **Madhi SA;** South African Severe Acute Respiratory Illness (SARI) Surveillance Group. Respiratory syncytial virus in adults with severe acute respiratory illness in a high HIV prevalence setting. J Infect. 2017 Oct;75(4):346-355. doi: 10.1016/j.jinf.2017.06.007. Epub 2017 Jul 1. PMID: 28676408; PMCID: PMC5712433.
256. von Mollendorf C, Tempia S, von Gottberg A, Meiring S, Quan V, Feldman C, Cloete J, **Madhi SA,** O'Brien KL, Klugman KP, Whitney CG, Cohen C. Estimated severe pneumococcal disease cases and deaths before and after pneumococcal conjugate vaccine introduction in children younger than 5 years of age in South Africa. PLoS One. 2017 Jul 3;12(7):e0179905. doi: 10.1371/journal.pone.0179905. PMID: 28671978; PMCID: PMC5495214.
257. Ben Ali Gannoun M, Al-**Madhi SA,** Zitouni H, Raguema N, Meddeb S, Hachena Ben Ali F, Mahjoub T, Almawi WY. Vascular endothelial growth factor single nucleotide polymorphisms and haplotypes in pre-eclampsia: A case-control study. Cytokine. 2017 Sep;97:175-180. doi: 10.1016/j.cyto.2017.06.010. Epub 2017 Jun 23. PMID: 28651127.
258. Paweska JT, Jansen van Vuren P, Meier GH, le Roux C, Conteh OS, Kemp A, Fourie C, Naidoo P, Naicker S, Ohaebosim P, Storm N, Hellferscee O, Ming Sun LK, Mogodi B, Prabdial-Sing N, du Plessis D, Greyling D, Loubser S, Goosen M, McCulloch SD, Scott TP, Moerdyk A, Dlamini W, Konneh K, Kamara IL, Sowa D, Sorie S, Kargbo B, **Madhi SA.** South African Ebola diagnostic response in Sierra Leone: A modular high biosafety field laboratory. PLoS Negl Trop Dis. 2017 Jun 19;11(6):e0005665. doi: 10.1371/journal.pntd.0005665. PMID: 28628619; PMCID: PMC5491317.
259. Tempia S, Walaza S, Moyes J, Cohen AL, von Mollendorf C, McMorrow ML,Treurnicht FK, Venter M, Pretorius M, Hellferscee O, Wolter N, von Gottberg A, Nguweneza A, McAnerney JM, Dawood H, Variava E, **Madhi SA,** Cohen C. Attributable Fraction of Influenza Virus Detection to Mild and Severe Respiratory Illnesses in HIV-Infected and HIV-Uninfected Patients, South Africa, 2012-2016. Emerg Infect Dis. 2017 Jul;23(7):1124-1132. doi: 10.3201/eid2307.161959. PMID: 28628462; PMCID: PMC5512492.
260. Higdon MM, Le T, O'Brien KL, Murdoch DR, Prosperi C, Baggett HC, Brooks WA, Feikin DR, Hammitt LL, Howie SRC, Kotloff KL, Levine OS, Scott JAG, Thea DM, Awori JO, Baillie VL, Cascio S, Chuananon S, DeLuca AN, Driscoll AJ, Ebruke BE, Endtz HP, Kaewpan A, Kahn G, Karani A, Karron RA, Moore DP, Park DE, Rahman MZ, Salaudeen R, Seidenberg P, Somwe SW, Sylla M, Tapia MD, Zeger SL, Deloria Knoll M, **Madhi SA;** PERCH Study Group. Association of C-Reactive Protein With Bacterial and Respiratory Syncytial Virus-Associated Pneumonia Among Children Aged <5 years in the PERCH Study. Clin Infect Dis. 2017 Jun 15;64(suppl\_3):S378-S386. doi: 10.1093/cid/cix150. PMID: 28575375; PMCID: PMC5447856.
261. Deloria Knoll M, Morpeth SC, Scott JAG, Watson NL, Park DE, Baggett HC, Brooks WA, Feikin DR, Hammitt LL, Howie SRC, Kotloff KL, Levine OS, O'Brien KL, Thea DM, Ahmed D, Antonio M, Awori JO, Baillie VL, Chipeta J, Deluca AN, Dione M, Driscoll AJ, Higdon MM, Jatapai A, Karron RA, Mazumder R, Moore DP, Mwansa J, Nyongesa S, Prosperi C, Seidenberg P, Siludjai D, Sow SO, Tamboura B, Zeger SL, Murdoch DR, **Madhi SA;** PERCH Study Group. Evaluation of Pneumococcal Load in Blood by Polymerase Chain Reaction for the Diagnosis of Pneumococcal Pneumonia in Young Children in the PERCH Study. Clin Infect Dis. 2017 Jun 15;64(suppl\_3):S357-S367. doi: 10.1093/cid/cix149. PMID: 28575374; PMCID: PMC5447847.
262. Feikin DR, Fu W, Park DE, Shi Q, Higdon MM, Baggett HC, Brooks WA, Deloria Knoll M, Hammitt LL, Howie SRC, Kotloff KL, Levine OS, **Madhi SA,** Scott JAG, Thea DM, Adrian PV, Antonio M, Awori JO, Baillie VL, DeLuca AN, Driscoll AJ, Ebruke BE, Goswami D, Karron RA, Li M, Morpeth SC, Mwaba J, Mwansa J, Prosperi C, Sawatwong P, Sow SO, Tapia MD, Whistler T, Zaman K, Zeger SL, O' Brien KL, Murdoch DR; PERCH Study Group. Is Higher Viral Load in the Upper Respiratory Tract Associated With Severe Pneumonia? Findings From the PERCH Study. Clin Infect Dis. 2017 Jun 15;64(suppl\_3):S337-S346. doi: 10.1093/cid/cix148. PMID: 28575373; PMCID: PMC5447843.
263. Morpeth SC, Deloria Knoll M, Scott JAG, Park DE, Watson NL, Baggett HC, Brooks WA, Feikin DR, Hammitt LL, Howie SRC, Kotloff KL, Levine OS, **Madhi SA,** O'Brien KL, Thea DM, Adrian PV, Ahmed D, Antonio M, Bunthi C, DeLuca AN, Driscoll AJ, Githua LP, Higdon MM, Kahn G, Karani A, Karron RA, Kwenda G, Makprasert S, Mazumder R, Moore DP, Mwansa J, Nyongesa S, Prosperi C, Sow SO, Tamboura B, Whistler T, Zeger SL, Murdoch DR; PERCH Study Group. Detection of Pneumococcal DNA in Blood by Polymerase Chain Reaction for Diagnosing Pneumococcal Pneumonia in Young Children From Low- and Middle-Income Countries. Clin Infect Dis. 2017 Jun 15;64(suppl\_3):S347-S356. doi: 10.1093/cid/cix145. PMID: 28575371; PMCID: PMC5447841.
264. Deloria Knoll M, Fu W, Shi Q, Prosperi C, Wu Z, Hammitt LL, Feikin DR, Baggett HC, Howie SRC, Scott JAG, Murdoch DR, **Madhi SA,** Thea DM, Brooks WA, Kotloff KL, Li M, Park DE, Lin W, Levine OS, O'Brien KL, Zeger SL. Bayesian Estimation of Pneumonia Etiology: Epidemiologic Considerations and Applications to the Pneumonia Etiology Research for Child Health Study. Clin Infect Dis. 2017 Jun 15;64(suppl\_3):S213-S227. doi: 10.1093/cid/cix144. PMID: 28575370; PMCID: PMC5447849.
265. O'Brien KL, Baggett HC, Brooks WA, Feikin DR, Hammitt LL, Howie SRC,Deloria Knoll M, Kotloff KL, Levine OS, **Madhi SA,** Murdoch DR, Scott JAG, Thea DM, Zeger SL. Introduction to the Epidemiologic Considerations, Analytic Methods, and Foundational Results From the Pneumonia Etiology Research for Child Health Study. Clin Infect Dis. 2017 Jun 15;64(suppl\_3):S179-S184. doi: 10.1093/cid/cix142. PMID: 28575368; PMCID: PMC5447854.
266. Park DE, Baggett HC, Howie SRC, Shi Q, Watson NL, Brooks WA, Deloria Knoll M, Hammitt LL, Kotloff KL, Levine OS, **Madhi SA,** Murdoch DR, O'Brien KL, Scott JAG, Thea DM, Ahmed D, Antonio M, Baillie VL, DeLuca AN, Driscoll AJ, Fu W, Gitahi CW, Olutunde E, Higdon MM, Hossain L, Karron RA, Maiga AA, Maloney SA, Moore DP, Morpeth SC, Mwaba J, Mwenechanya M, Prosperi C, Sylla M, Thamthitiwat S, Zeger SL, Feikin DR; PERCH Study Group. Colonization Density of the Upper Respiratory Tract as a Predictor of Pneumonia-Haemophilus influenzae, Moraxella catarrhalis, Staphylococcus aureus, and Pneumocystis jirovecii. Clin Infect Dis. 2017 Jun 15;64(suppl\_3):S328-S336. doi: 10.1093/cid/cix104. PMID: 28575367; PMCID: PMC5612712.
267. Driscoll AJ, Deloria Knoll M, Hammitt LL, Baggett HC, Brooks WA, Feikin DR, Kotloff KL, Levine OS, **Madhi SA,** O'Brien KL, Scott JAG, Thea DM, Howie SRC, Adrian PV, Ahmed D, DeLuca AN, Ebruke BE, Gitahi C, Higdon MM, Kaewpan A, Karani A, Karron RA, Mazumder R, McLellan J, Moore DP, Mwananyanda L, Park DE, Prosperi C, Rhodes J, Saifullah M, Seidenberg P, Sow SO, Tamboura B, Zeger SL, Murdoch DR; PERCH Study Group. The Effect of Antibiotic Exposure and Specimen Volume on the Detection of Bacterial Pathogens in Children With Pneumonia. Clin Infect Dis. 2017 Jun 15;64(suppl\_3):S368-S377. doi: 10.1093/cid/cix101. PMID: 28575366; PMCID: PMC5447850.
268. Baggett HC, Watson NL, Deloria Knoll M, Brooks WA, Feikin DR, Hammitt LL, Howie SRC, Kotloff KL, Levine OS, **Madhi SA,** Murdoch DR, Scott JAG, Thea DM, Antonio M, Awori JO, Baillie VL, DeLuca AN, Driscoll AJ, Duncan J, Ebruke BE, Goswami D, Higdon MM, Karron RA, Moore DP, Morpeth SC, Mulindwa JM, Park DE, Paveenkittiporn W, Piralam B, Prosperi C, Sow SO, Tapia MD, Zaman K, Zeger SL, O'Brien KL; PERCH Study Group. Density of Upper Respiratory Colonization With Streptococcus pneumoniae and Its Role in the Diagnosis of Pneumococcal Pneumonia Among Children Aged <5 Years in the PERCH Study. Clin Infect Dis. 2017 Jun 15;64(suppl\_3):S317-S327. doi: 10.1093/cid/cix100. PMID: 28575365; PMCID: PMC5850437.
269. Moore DP, Higdon MM, Hammitt LL, Prosperi C, DeLuca AN, Da Silva P, Baillie VL, Adrian PV, Mudau A, Deloria Knoll M, Feikin DR, Murdoch DR, O'Brien KL, **Madhi SA.** The Incremental Value of Repeated Induced Sputum and Gastric Aspirate Samples for the Diagnosis of Pulmonary Tuberculosis in Young Children With Acute Community-Acquired Pneumonia. Clin Infect Dis. 2017 Jun 15;64(suppl\_3):S309-S316. doi: 10.1093/cid/cix099. PMID: 28575364; PMCID: PMC5447846.
270. Thea DM, Seidenberg P, Park DE, Mwananyanda L, Fu W, Shi Q, Baggett HC, Brooks WA, Feikin DR, Howie SRC, Knoll MD, Kotloff KL, Levine OS, **Madhi SA,** O'Brien KL, Scott JAG, Antonio M, Awori JO, Baillie VL, DeLuca AN, Driscoll AJ, Higdon MM, Hossain L, Jahan Y, Karron RA, Kazungu S, Li M, Moore DP, Morpeth SC, Ofordile O, Prosperi C, Sangwichian O, Sawatwong P, Sylla M, Tapia MD, Zeger SL, Murdoch DR, Hammitt LL; PERCH Study Group. Limited Utility of Polymerase Chain Reaction in Induced Sputum Specimens for Determining the Causes of Childhood Pneumonia in Resource-Poor Settings: Findings From the Pneumonia Etiology Research for Child Health (PERCH) Study. Clin Infect Dis. 2017 Jun 15;64(suppl\_3):S289-S300. doi: 10.1093/cid/cix098. PMID: 28575363; PMCID: PMC5447848.
271. Murdoch DR, Morpeth SC, Hammitt LL, Driscoll AJ, Watson NL, Baggett HC, Brooks WA, Deloria Knoll M, Feikin DR, Kotloff KL, Levine OS, **Madhi SA,** O'Brien KL, Scott JAG, Thea DM, Adrian PV, Ahmed D, Alam M, Awori JO, DeLuca AN, Higdon MM, Karron RA, Kwenda G, Machuka EM, Makprasert S, McLellan J, Moore DP, Mwaba J, Mwarumba S, Park DE, Prosperi C, Sangwichian O, Sissoko S, Tapia MD, Zeger SL, Howie SRC; PERCH Study Group. The Diagnostic Utility of Induced Sputum Microscopy and Culture in Childhood Pneumonia. Clin Infect Dis. 2017 Jun 15;64(suppl\_3):S280-S288. doi: 10.1093/cid/cix090. PMID: 28575362; PMCID: PMC5447842.
272. Fancourt N, Deloria Knoll M, Baggett HC, Brooks WA, Feikin DR, Hammitt LL, Howie SRC, Kotloff KL, Levine OS, **Madhi SA,** Murdoch DR, Scott JAG, Thea DM, Awori JO, Barger-Kamate B, Chipeta J, DeLuca AN, Diallo M, Driscoll AJ, Ebruke BE, Higdon MM, Jahan Y, Karron RA, Mahomed N, Moore DP, Nahar K, Naorat S, Ominde MS, Park DE, Prosperi C, Wa Somwe S, Thamthitiwat S, Zaman SMA, Zeger SL, O'Brien KL; PERCH Study Group. Chest Radiograph Findings in Childhood Pneumonia Cases From the Multisite PERCH Study. Clin Infect Dis. 2017 Jun 15;64(suppl\_3):S262-S270. doi: 10.1093/cid/cix089. PMID: 28575361; PMCID: PMC5447837.
273. Murdoch DR, Morpeth SC, Hammitt LL, Driscoll AJ, Watson NL, Baggett HC, Brooks WA, Deloria Knoll M, Feikin DR, Kotloff KL, Levine OS, **Madhi SA,** O'Brien KL, Scott JAG, Thea DM, Ahmed D, Awori JO, DeLuca AN, Ebruke BE, Higdon MM, Jorakate P, Karron RA, Kazungu S, Kwenda G, Hossain L, Makprasert S, Moore DP, Mudau A, Mwaba J, Panchalingam S, Park DE, Prosperi C, Salaudeen R, Toure A, Zeger SL, Howie SRC; PERCH Study Group. Microscopic Analysis and Quality Assessment of Induced Sputum From Children With Pneumonia in the PERCH Study. Clin Infect Dis. 2017 Jun 15;64(suppl\_3):S271-S279. doi: 10.1093/cid/cix083. PMID: 28575360; PMCID: PMC5447851.
274. Fancourt N, Deloria Knoll M, Barger-Kamate B, de Campo J, de Campo M, Diallo M, Ebruke BE, Feikin DR, Gleeson F, Gong W, Hammitt LL, Izadnegahdar R, Kruatrachue A, **Madhi SA,** Manduku V, Matin FB, Mahomed N, Moore DP, Mwenechanya M, Nahar K, Oluwalana C, Ominde MS, Prosperi C, Sande J, Suntarattiwong P, O'Brien KL. Standardized Interpretation of Chest Radiographs in Cases of Pediatric Pneumonia From the PERCH Study. Clin Infect Dis. 2017 Jun 15;64(suppl\_3):S253-S261. doi: 10.1093/cid/cix082. PMID: 28575359; PMCID: PMC5447844.
275. Driscoll AJ, Karron RA, Morpeth SC, Bhat N, Levine OS, Baggett HC, Brooks WA, Feikin DR, Hammitt LL, Howie SRC, Knoll MD, Kotloff KL, **Madhi SA,** Scott JAG, Thea DM, Adrian PV, Ahmed D, Alam M, Anderson TP, Antonio M, Baillie VL, Dione M, Endtz HP, Gitahi C, Karani A, Kwenda G, Maiga AA, McClellan J, Mitchell JL, Morailane P, Mugo D, Mwaba J, Mwansa J, Mwarumba S, Nyongesa S, Panchalingam S, Rahman M, Sawatwong P, Tamboura B, Toure A, Whistler T, O'Brien KL, Murdoch DR. Standardization of Laboratory Methods for the PERCH Study. Clin Infect Dis. 2017 Jun 15;64(suppl\_3):S245-S252. doi: 10.1093/cid/cix081. PMID: 28575358; PMCID:PMC5447855.
276. DeLuca AN, Hammitt LL, Kim J, Higdon MM, Baggett HC, Brooks WA, Howie SRC, Deloria Knoll M, Kotloff KL, Levine OS, **Madhi SA,** Murdoch DR, Scott JAG, Thea DM, Amornintapichet T, Awori JO, Chuananon S, Driscoll AJ, Ebruke BE, Hossain L, Jahan Y, Kagucia EW, Kazungu S, Moore DP, Mudau A, Mwananyanda L, Park DE, Prosperi C, Seidenberg P, Sylla M, Tapia MD, Zaman SMA, O'Brien KL; PERCH Study Group. Safety of Induced Sputum Collection in Children Hospitalized With Severe or Very Severe Pneumonia. Clin Infect Dis. 2017 Jun 15;64(suppl\_3):S301-S308. doi: 10.1093/cid/cix078. PMID: 28575356; PMCID: PMC5447836.
277. Crawley J, Prosperi C, Baggett HC, Brooks WA, Deloria Knoll M, Hammitt LL, Howie SRC, Kotloff KL, Levine OS, **Madhi SA,** Murdoch DR, O'Brien KL, Thea DM, Awori JO, Bunthi C, DeLuca AN, Driscoll AJ, Ebruke BE, Goswami D, Hidgon MM, Karron RA, Kazungu S, Kourouma N, Mackenzie G, Moore DP, Mudau A, Mwale M, Nahar K, Park DE, Piralam B, Seidenberg P, Sylla M, Feikin DR, Scott JAG; PERCH Study Group. Standardization of Clinical Assessment and Sample Collection Across All PERCH Study Sites. Clin Infect Dis. 2017 Jun 15;64(suppl\_3):S228-S237. doi:10.1093/cid/cix077. PMID: 28575355; PMCID: PMC5447838.
278. Higdon MM, Hammitt LL, Deloria Knoll M, Baggett HC, Brooks WA, Howie SRC, Kotloff KL, Levine OS, **Madhi SA,** Murdoch DR, Scott JAG, Thea DM, Driscoll AJ, Karron RA, Park DE, Prosperi C, Zeger SL, O'Brien KL, Feikin DR; PERCH Study Group. Should Controls With Respiratory Symptoms Be Excluded From Case-Control Studies of Pneumonia Etiology? Reflections From the PERCH Study. Clin Infect Dis. 2017 Jun 15;64(suppl\_3):S205-S212. doi: 10.1093/cid/cix076. PMID: 28575354; PMCID: PMC5447853.
279. Nunes MC, Cutland CL, Jones S, Downs S, Weinberg A, Ortiz JR, Neuzil KM, Simões EAF, Klugman KP, **Madhi SA.** Efficacy of Maternal Influenza Vaccination Against All-Cause Lower Respiratory Tract Infection Hospitalizations in Young Infants: Results From a Randomized Controlled Trial. Clin Infect Dis. 2017 Oct 1;65(7):1066-1071. doi: 10.1093/cid/cix497. PMID: 28575286; PMCID: PMC5848298.
280. Hellferscee O, Tempia S, Walaza S, Variava E, Dawood H, Wolter N, **Madhi SA,** du Plessis M, Cohen C, Treurnicht FK. Enterovirus genotypes among patients with severe acute respiratory illness, influenza-like illness, and asymptomatic individuals in South Africa, 2012-2014. J Med Virol. 2017 Oct;89(10):1759-1767. doi: 10.1002/jmv.24869. Epub 2017 Jul 6. PMID: 28574589; PMCID: PMC5714810.
281. Seleka M, Treurnicht FK, Tempia S, Hellferscee O, Mtshali S, Cohen AL, Buys A, McAnerney JM, Besselaar TG, Pretorius M, von Gottberg A, Walaza S, Cohen C, **Madhi SA,** Venter M. Epidemiology of influenza B/Yamagata and B/Victoria lineages in South Africa, 2005-2014. PLoS One. 2017 May 25;12(5):e0177655. doi: 10.1371/journal.pone.0177655. PMID: 28542324; PMCID: PMC5444647.
282. Groome MJ, Koen A, Fix A, Page N, Jose L, **Madhi SA,** McNeal M, Dally L, Cho I, Power M, Flores J, Cryz S. Safety and immunogenicity of a parenteral P2-VP8-P[8] subunit rotavirus vaccine in toddlers and infants in South Africa: a randomised, double-blind, placebo-controlled trial. Lancet Infect Dis. 2017 Aug;17(8):843-853. doi: 10.1016/S1473-3099(17)30242-6. Epub 2017 May 5. PMID: 8483414; PMCID: PMC7771518.
283. Nzenze SA, **Madhi SA,** Shiri T, Klugman KP, de Gouveia L, Moore DP, Karstaedt AS, Tempia S, Nunes MC, von Gottberg A. Imputing the Direct and Indirect Effectiveness of Childhood Pneumococcal Conjugate Vaccine Against Invasive Pneumococcal Disease by Surveying Temporal Changes in Nasopharyngeal Pneumococcal Colonization. Am J Epidemiol. 2017 Aug 15;186(4):435-444. doi: 10.1093/aje/kwx048. PMID: 28482004.
284. Tempia S, Walaza S, Moyes J, Cohen AL, von Mollendorf C, Treurnicht FK, Venter M, Pretorius M, Hellferscee O, Mtshali S, Seleka M, Tshangela A, Nguweneza A, McAnerney JM, Wolter N, von Gottberg A, Dawood H, Variava E, **Madhi SA,** Cohen C. Risk Factors for Influenza-Associated Severe Acute Respiratory Illness Hospitalization in South Africa, 2012-2015. Open Forum Infect Dis. 2017 Feb 10;4(1):ofw262. doi: 10.1093/ofid/ofw262. PMID: 28480255; PMCID: PMC5414019.
285. Verani JR, Baqui AH, Broome CV, Cherian T, Cohen C, Farrar JL, Feikin DR, Groome MJ, Hajjeh RA, Johnson HL, **Madhi SA,** Mulholland K, O'Brien KL, Parashar UD, Patel MM, Rodrigues LC, Santosham M, Scott JA, Smith PG, Sommerfelt H, Tate JE, Victor JC, Whitney CG, Zaidi AK, Zell ER. Case-control vaccine effectiveness studies: Preparation, design, and enrollment of cases and controls. Vaccine. 2017 Jun 5;35(25):3295-3302. doi: 10.1016/j.vaccine.2017.04.037. Epub 2017 Apr 22. PMID: 28442231; PMCID: PMC7007298.
286. Verani JR, Baqui AH, Broome CV, Cherian T, Cohen C, Farrar JL, Feikin DR, Groome MJ, Hajjeh RA, Johnson HL, **Madhi SA,** Mulholland K, O'Brien KL, Parashar UD, Patel MM, Rodrigues LC, Santosham M, Scott JA, Smith PG, Sommerfelt H, Tate JE, Victor JC, Whitney CG, Zaidi AK, Zell ER. Case-control vaccine effectiveness studies: Data collection, analysis and reporting results. Vaccine. 2017 Jun 5;35(25):3303-3308. doi: 10.1016/j.vaccine.2017.04.035. Epub 2017 Apr 23. PMID: 28442230; PMCID: PMC7008029.
287. **Madhi SA,** Koen A, Jose L, Moreira M, van Niekerk N, Cutland C, François N, Ruiz-Guiñazú J, Yarzabal JP, Borys D, Schuerman L. Immunization with 10-valent pneumococcal non-typeable Haemophilus influenzae protein D conjugate vaccine (PHiD-CV) according to different schedules in infants in South Africa: a phase III trial. Expert Rev Vaccines. 2017 Jun;16(6):641-656. doi: 10.1080/14760584.2017.1321990. PMID: 28425818.
288. Page NA, Groome MJ, Nadan S, Netshikweta R, Keddy KH, Poonsamy B, Moyes J, Walaza S, Kahn K, **Madhi SA,** Taylor MB, Mans J, Cohen C. Norovirus epidemiology in South African children <5 years hospitalised for diarrhoeal illness between 2009 and 2013. Epidemiol Infect. 2017 Jul;145(9):1942-1952. doi: 10.1017/S0950268817000668. Epub 2017 Apr 10. PMID: 28393756.
289. **Madhi SA,** Nunes MC, Weinberg A, Kuwanda L, Hugo A, Jones S, van Niekerk N, Ortiz JR, Neuzil KM, Klugman KP, Simões EAF, Cutland CL; Maternal Flu Trial (Matflu) Team. Contribution of Serologic Assays in the Evaluation of Influenza Virus Infection Rates and Vaccine Efficacy in Pregnant Women: Report From Randomized Controlled Trials. Clin Infect Dis. 2017 Jun 15;64(12):1773-1779. doi: 10.1093/cid/cix241. PMID: 28369198; PMCID: PMC5447878.
290. Jallow S, **Madhi SA.** Pneumococcal conjugate vaccine in HIV-infected and HIV-exposed, uninfected children. Expert Rev Vaccines. 2017 May;16(5):453-465. doi: 10.1080/14760584.2017.1307740. Epub 2017 Apr 10. PMID: 28351187
291. **Madhi SA,** Dangor Z. Prospects for preventing infant invasive GBS disease through maternal vaccination. Vaccine. 2017 Aug 16;35(35 Pt A):4457-4460. doi: 10.1016/j.vaccine.2017.02.025. Epub 2017 Feb 23. PMID: 28237500.
292. Zeldow B, Kim S, McSherry G, Cotton MF, Jean-Philippe P, Violari A, Bobat R, Nachman S, Mofenson LM, **Madhi SA,** Mitchell C. Use of antiretrovirals in HIV-infected children in a tuberculosis prevention trial: IMPAACT P1041. Int J Tuberc Lung Dis. 2017 Jan 1;21(1):38-45. doi: 10.5588/ijtld.16.0149. PMID: 28157463; PMCID: PMC5606242.
293. Millman AJ, Greenbaum A, Walaza S, Cohen AL, Groome MJ, Reed C, McMorrow M, Tempia S, Venter M, Treurnicht FK, **Madhi SA,** Cohen C, Variava E. Development of a respiratory severity score for hospitalized adults in a high HIV-prevalence setting-South Africa, 2010-2011. BMC Pulm Med. 2017 Feb 2;17(1):28. doi: 10.1186/s12890-017-0368-8. PMID: 28148246; PMCID: PMC5288997.
294. Cohen C, von Mollendorf C, de Gouveia L, Lengana S, Meiring S, Quan V, Nguweneza A, Moore DP, Reubenson G, Moshe M, **Madhi SA,** Eley B, Hallbauer U, Finlayson H, Varughese S, O'Brien KL, Zell ER, Klugman KP, Whitney CG, von Gottberg A; South African IPD Case-Control Study Group. Effectiveness of the 13-valent pneumococcal conjugate vaccine against invasive pneumococcal disease in South African children: a case-control study. Lancet Glob Health. 2017 Mar;5(3):e359-e369. doi: 10.1016/S2214-109X(17)30043-8. Epub 2017 Jan 28. PMID: 28139443
295. Hellferscee O, Treurnicht FK, Tempia S, Variava E, Dawood H, Kahn K, Cohen AL, Pretorius M, Cohen C, **Madhi SA,** Venter M. Enterovirus D68 and other enterovirus serotypes identified in South African patients with severe acute respiratory illness, 2009-2011. Influenza Other Respir Viruses. 2017 May;11(3):211-219. doi: 10.1111/irv.12444. Epub 2017 Feb 26. PMID: 28122175; PMCID: PMC5410726.
296. **Madhi SA,** Koen A, Jose L, van Niekerk N, Adrian PV, Cutland C, François N, Ruiz-Guiñazú J, Yarzabal JP, Moreira M, Borys D, Schuerman L. Vaccination with 10-valent pneumococcal conjugate vaccine in infants according to HIV status. Medicine (Baltimore). 2017 Jan;96(2):e5881. doi: 10.1097/MD.0000000000005881. PMID: 28079828; PMCID: PMC5266190.
297. Dangor Z, Cutland CL, Izu A, Kwatra G, Trenor S, Lala SG, **Madhi SA.** Temporal Changes in Invasive Group B Streptococcus Serotypes: Implications for Vaccine Development. PLoS One. 2016 Dec 30;11(12):e0169101. doi: 10.1371/journal.pone.0169101. PMID: 28036363; PMCID: PMC5201280.
298. Kobayashi M, Schrag SJ, Alderson MR, **Madhi SA,** Baker CJ, Sobanjo-Ter Meulen A, Kaslow DC, Smith PG, Moorthy VS, Vekemans J. WHO consultation on group B Streptococcus vaccine development: Report from a meeting held on 27-28 April 2016. Vaccine. 2019 Nov 28;37(50):7307-7314. doi: 10.1016/j.vaccine.2016.12.029. Epub 2016 Dec 22. PMID: 28017431; PMCID: PMC6892266.
299. Dzanibe S, Adrian PV, Mlacha SZK, Dangor Z, Kwatra G, **Madhi SA.** Reduced Transplacental Transfer of Group B Streptococcus Surface Protein Antibodies in HIV-infected Mother-Newborn Dyads. J Infect Dis. 2017 Feb 1;215(3):415-419. doi: 10.1093/infdis/jiw566. PMID: 27932617.
300. Mazur NI, Bont L, Cohen AL, Cohen C, von Gottberg A, Groome MJ, Hellferscee O, Klipstein-Grobusch K, Mekgoe O, Naby F, Moyes J, Tempia S, Treurnicht FK, Venter M, Walaza S, Wolter N, **Madhi SA;** South African Severe Acute Respiratory Illness (SARI) Surveillance Group. Severity of Respiratory Syncytial Virus Lower Respiratory Tract Infection With Viral Coinfection in HIV-Uninfected Children. Clin Infect Dis. 2017 Feb 15;64(4):443-450. doi: 10.1093/cid/ciw756. Erratum in: Clin Infect Dis. 2017 Jul 15;65(2):357. PMID: 27927871; PMCID: PMC5712444.
301. Van Dyke MK, Pirçon JY, Cohen R, **Madhi SA,** Rosenblüt A, Macias Parra M, Al- Mazrou K, Grevers G, Lopez P, Naranjo L, Pumarola F, Sonsuwan N, Hausdorff WP. Etiology of Acute Otitis Media in Children Less Than 5 Years of Age: A Pooled Analysis of 10 Similarly Designed Observational Studies. Pediatr Infect Dis J. 2017 Mar;36(3):274-281. doi: 10.1097/INF.0000000000001420. PMID: 27918383; PMCID: PMC5312727.
302. **Madhi SA,** Cunliffe NA, Steele D, Witte D, Kirsten M, Louw C, Ngwira B, Victor JC, Gillard PH, Cheuvart BB, Han HH, Neuzil KM. Effect of human rotavirus vaccine on severe diarrhea in African infants. Malawi Med J. 2016 Sep;28(3):108-114. PMID: 27895844; PMCID: PMC5117000.
303. McAnerney JM, Walaza S, Tempia S, Blumberg L, Treurnicht FK, **Madhi SA,** Valley-Omar Z, Cohen C. Estimating vaccine effectiveness in preventing laboratory-confirmed influenza in outpatient settings in South Africa, 2015. Influenza Other Respir Viruses. 2017 Mar;11(2):177-181. doi: 10.1111/irv.12436. Epub 2016 Dec 20. PMID: 27865064; PMCID: PMC5304569.
304. Albrich WC, Pride MW, **Madhi SA,** Callahan J, Adrian PV, French R, van Niekerk N, Sebastian S, Souza V, Telles JN, Paranhos-Baccalà G, Jansen KU, Klugman KP. Multiplex Urinary Antigen Detection for 13 Streptococcus pneumoniae Serotypes Improves Diagnosis of Pneumococcal Pneumonia in South African HIV-Infected Adults. J Clin Microbiol. 2016 Dec 28;55(1):302-312. doi: 10.1128/JCM.01573-16. PMID: 27847374; PMCID: PMC5228244.
305. Almawi WY, Gammoh E, Malalla ZH, Al-**Madhi SA.** Analysis of VEGFA Variants and Changes in VEGF Levels Underscores the Contribution of VEGF to Polycystic Ovary Syndrome. PLoS One. 2016 Nov 15;11(11):e0165636. doi: 10.1371/journal.pone.0165636. PMID: 27846231; PMCID: PMC5112863.
306. Barger-Kamate B, Deloria Knoll M, Kagucia EW, Prosperi C, Baggett HC, Brooks WA, Feikin DR, Hammitt LL, Howie SR, Levine OS, **Madhi SA,** Scott JA, Thea DM, Amornintapichet T, Anderson TP, Awori JO, Baillie VL, Chipeta J, DeLuca AN, Driscoll AJ, Goswami D, Higdon MM, Hossain L, Karron RA, Maloney S, Moore DP, Morpeth SC, Mwananyanda L, Ofordile O, Olutunde E, Park DE, Sow SO, Tapia MD, Murdoch DR, O'Brien KL, Kotloff KL; Pneumonia Etiology Research for Child Health (PERCH) Study Group. Pertussis-Associated Pneumonia in Infants and Children From Low- and Middle-Income Countries Participating in the PERCH Study. Clin Infect Dis. 2016 Dec 1;63(suppl 4):S187-S196. doi: 10.1093/cid/ciw546. PMID: 27838672; PMCID: PMC5106621.
307. Nunes MC, Soofie N, Downs S, Tebeila N, Mudau A, de Gouveia L, **Madhi SA.** Comparing the Yield of Nasopharyngeal Swabs, Nasal Aspirates, and Induced Sputum for Detection of Bordetella pertussis in Hospitalized Infants. Clin Infect Dis. 2016 Dec 1;63(suppl 4):S181-S186. doi: 10.1093/cid/ciw521. PMID: 27838671; PMCID: PMC5106614.
308. Nunes MC, Downs S, Jones S, van Niekerk N, Cutland CL, **Madhi SA.** Bordetella pertussis Infection in South African HIV-Infected and HIV-Uninfected Mother-Infant Dyads: A Longitudinal Cohort Study. Clin Infect Dis. 2016 Dec 1;63(suppl 4):S174-S180. doi: 10.1093/cid/ciw527. PMID: 27838670; PMCID: PMC5106617.
309. Soofie N, Nunes MC, Kgagudi P, van Niekerk N, Makgobo T, Agosti Y, Hwinya C, Pathirana J, **Madhi SA.** The Burden of Pertussis Hospitalization in HIV-Exposed and HIV-Unexposed South African Infants. Clin Infect Dis. 2016 Dec 1;63(suppl 4):S165-S173. doi: 10.1093/cid/ciw545. PMID: 27838669; PMCID: PMC5106620.
310. Nishihara Y, Dangor Z, French N, **Madhi SA,** Heyderman R. Challenges in reducing group B Streptococcus disease in African settings. Arch Dis Child. 2017 Jan;102(1):72-77. doi: 10.1136/archdischild-2016-311419. Epub 2016 Oct 18. PMID: 27831912; PMCID: PMC5256401.
311. Chaya S, Dangor Z, Solomon F, Nzenze SA, Izu A, **Madhi SA.** Incidence of tuberculosis meningitis in a high HIV prevalence setting: time-series analysis from 2006 to 2011. Int J Tuberc Lung Dis. 2016 Nov;20(11):1457-1462. doi: 10.5588/ijtld.15.0845. PMID: 27776585.
312. Abadom TR, Smith AD, Tempia S, **Madhi SA,** Cohen C, Cohen AL. Risk factors associated with hospitalisation for influenza-associated severe acute respiratory illness in South Africa: A case-population study. Vaccine. 2016 Nov 4;34(46):5649-5655. doi: 10.1016/j.vaccine.2016.09.011. Epub 2016 Oct 6. PMID: 27720448; PMCID: PMC5714809.
313. Verani JR, Groome MJ, Zar HJ, Zell ER, Kapongo CN, Nzenze SA, Mulligan C, Moore DP, Whitney CG, **Madhi SA.** Risk Factors for Presumed Bacterial Pneumonia Among HIV-uninfected Children Hospitalized in Soweto, South Africa. Pediatr Infect Dis J. 2016 Nov;35(11):1169-1174. doi: 10.1097/INF.0000000000001264. PMID: 27276181.
314. Mammen VG, Dangor Z, Moore DP, Izu A, Beylis N, **Madhi SA.** Hospitalization for Culture-confirmed Pulmonary Tuberculosis in the Era of Childhood Pneumococcal Conjugate Vaccine Immunization. Pediatr Infect Dis J. 2017 Jan;36(1):e14-e21. doi: 10.1097/INF.0000000000001371. PMID: 27741092.
315. Dzanibe S, Adrian PV, Kimaro Mlacha SZ, **Madhi SA.** Natural acquired group B Streptococcus capsular polysaccharide and surface protein antibodies in HIV-infected and HIV-uninfected children. Vaccine. 2016 Oct 17;34(44):5217-5224. doi: 10.1016/j.vaccine.2016.09.015. Epub 2016 Sep 20. PMID: 27663669.
316. Fitchett EJA, Seale AC, Vergnano S, Sharland M, Heath PT, Saha SK, Agarwal R, Ayede AI, Bhutta ZA, Black R, Bojang K, Campbell H, Cousens S, Darmstadt GL, **Madhi SA,** Meulen AS, Modi N, Patterson J, Qazi S, Schrag SJ, Stoll BJ, Wall SN, Wammanda RD, Lawn JE; SPRING (Strengthening Publications Reporting Infection in Newborns Globally) Group. Strengthening the Reporting of Observational Studies in Epidemiology for Newborn Infection (STROBE-NI): an extension of the STROBE statement for neonatal infection research. Lancet Infect Dis. 2016 Oct;16(10):e202-e213. doi: 10.1016/S1473-3099(16)30082-2. Epub 2016 Sep 12. PMID: 27633910.
317. Nunes MC, Aqil AR, Omer SB, **Madhi SA.** The Effects of Influenza Vaccination during Pregnancy on Birth Outcomes: A Systematic Review and Meta-Analysis. Am J Perinatol. 2016 Sep;33(11):1104-14. doi: 10.1055/s-0036-1586101. Epub 2016 Sep 7. PMID: 27603545.
318. Messadi A, Malalla ZH, Al-**Madhi SA,** Al-Jalahma JA, Almawi WY. Distribution of HLA DRB1 and DQB1 alleles and DRB1-DQB1 haplotypes among Bahraini women with polycystic ovary syndrome. J Reprod Immunol. 2016 Sep;117:76-80. doi: 10.1016/j.jri.2016.07.006. Epub 2016 Jul 30. PMID: 27505846.
319. Maritz ER, Montepiedra G, Liu L, Mitchell CD, **Madhi SA,** Bobat R, Violari A, Ogwu A, Hesseling AC, Cotton MF. Source case identification in HIV-exposed infants and tuberculosis diagnosis in an isoniazid prevention study. Int J Tuberc Lung Dis. 2016 Aug;20(8):1060-4. doi: 10.5588/ijtld.15.0602. PMID: 27393540; PMCID: PMC5066391.
320. Nunes MC, Cutland CL, Jones S, Hugo A, Madimabe R, Simões EA, Weinberg A, **Madhi SA;** Maternal Flu Trial Team. Duration of Infant Protection Against Influenza Illness Conferred by Maternal Immunization: Secondary Analysis of a Randomized Clinical Trial. JAMA Pediatr. 2016 Sep 1;170(9):840-7. doi: 10.1001/jamapediatrics.2016.0921. PMID: 27380464.
321. Wiysonge CS, Waggie Z, Hawkridge A, Schoub BD, **Madhi SA,** Rees H, Hussey GD; delegates of the first International African Vaccinology Conference. The Cape Town Declaration on Vaccines 2012: Unlocking the full potential of vaccines in Africa. Vaccine. 2016 Jul 19;34(33):3713-4. doi: 10.1016/j.vaccine.2016.05.072. Epub 2016 Jun 15. PMID: 27317265.
322. Zanone SM, Krause LK, **Madhi SA,** Bassat Q, Jha P, Simões EA, Wairagkar N, Polack FP; RSV and Child Mortality Working Group. Challenges in estimating RSV-associated mortality rates. Lancet Respir Med. 2016 May;4(5):345-7. doi: 10.1016/S2213-2600(16)30042-X. PMID: 27304556.
323. Zar HJ, **Madhi SA,** White DA, Masekela R, Risenga S, Lewis H, Feldman C, Morrow B, Jeena P. Acute viral bronchiolitis in South Africa: Strategies for management and prevention. S Afr Med J. 2016 Apr;106(4):27-9. PMID: 27303780.
324. White DA, Zar HJ, **Madhi SA,** Jeena P, Morrow B, Masekela R, Risenga S, Green R. Acute viral bronchiolitis in South Africa: Diagnostic flow. S Afr Med J. 2016 Apr;106(4):25-6. PMID: 27303779.
325. Steele AD, **Madhi SA,** Cunliffe NA, Vesikari T, Phua KB, Lim FS, Nelson EA, Lau YL, Huang LM, Karkada N, Debrus S, Han HH, Benninghoff B. Incidence of rotavirus gastroenteritis by age in African, Asian and European children: Relevance for timing of rotavirus vaccination. Hum Vaccin Immunother. 2016 Sep;12(9):2406-12. doi: 10.1080/21645515.2016.1179412. Epub 2016 Jun 3. PMID: 27260009; PMCID: PMC5027698.
326. Kwatra G, Cunnington MC, Merrall E, Adrian PV, Ip M, Klugman KP, Tam WH, **Madhi SA.** Prevalence of maternal colonisation with group B streptococcus: a systematic review and meta-analysis. Lancet Infect Dis. 2016 Sep;16(9):1076-1084. doi: 10.1016/S1473-3099(16)30055-X. Epub 2016 May 25. PMID: 7236858.
327. Zhang S, Sammon PM, King I, Andrade AL, Toscano CM, Araujo SN, Sinha A, **Madhi SA,** Khandaker G, Yin JK, Booy R, Huda TM, Rahman QS, El Arifeen S, Gentile A, Giglio N, Bhuiyan MU, Sturm-Ramirez K, Gessner BD, Nadjib M, Carosone-Link PJ, Simões EA, Child JA, Ahmed I, Bhutta ZA, Soofi SB, Khan RJ, Campbell H, Nair H. Cost of management of severe pneumonia in young children: systematic analysis. J Glob Health. 2016 Jun;6(1):010408. doi: 10.7189/jogh.06.010408. PMID: 27231544; PMCID: PMC4871066.
328. Wiysonge CS, Waggie Z, Hawkridge A, Schoub B, **Madhi SA,** Rees H, Hussey G. Advocating for efforts to protect African children, families, and communities from the threat of infectious diseases: report of the First International African Vaccinology Conference. Pan Afr Med J. 2016 Feb 29;23:53. doi: 10.11604/pamj.2016.23.53.9097. PMID: 27217879; PMCID: PMC4862784.
329. Mutsaerts E, **Madhi SA,** Cutland CL, Jones S, Hugo A, Trenor S, Treurnicht FK, Klipstein-Grobusch K, Weinberg A, Nunes MC. Influenza vaccination of pregnant women protects them over two consecutive influenza seasons in a randomized controlled trial. Expert Rev Vaccines. 2016 Aug;15(8):1055-62. doi: 10.1080/14760584.2016.1192473. Epub 2016 Jun 6. PMID: 27212228; PMCID:PMC4950453.
330. **Madhi SA,** Cutland CL, Jose L, Koen A, Govender N, Wittke F, Olugbosi M, Meulen AS, Baker S, Dull PM, Narasimhan V, Slobod K. Safety and immunogenicity of an investigational maternal trivalent group B streptococcus vaccine in healthy women and their infants: a randomised phase 1b/2 trial. Lancet Infect Dis. 2016 Aug;16(8):923-34. doi: 10.1016/S1473-3099(16)00152-3. Epub 2016 Apr 29. PMID: 27139805.
331. Groome MJ, Zell ER, Solomon F, Nzenze S, Parashar UD, Izu A, **Madhi SA.** Temporal Association of Rotavirus Vaccine Introduction and Reduction in All-Cause Childhood Diarrheal Hospitalizations in South Africa. Clin Infect Dis. 2016 May 1;62 Suppl 2:S188-95. doi: 10.1093/cid/civ1204. PMID: 27059355.
332. Quan V, Verani JR, Cohen C, von Gottberg A, Meiring S, Cutland CL, Schrag SJ, **Madhi SA.** Invasive Group B Streptococcal Disease in South Africa: Importance of Surveillance Methodology. PLoS One. 2016 Apr 7;11(4):e0152524. doi: 10.1371/journal.pone.0152524. PMID: 27055184; PMCID: PMC4824385.
333. Kwatra G, Adrian PV, Shiri T, Izu A, Cutland CL, Buchmann EJ, **Madhi SA.** Serotype-Specific Cell-Mediated Immunity Associated With Clearance of Homotypic Group B Streptococcus Rectovaginal Colonization in Pregnant Women. J Infect Dis. 2016 Jun 15;213(12):1923-6. doi: 10.1093/infdis/jiw056. Epub 2016 Mar 29. PMID: 27029777.
334. Cohen C, Moyes J, Tempia S, Groome M, Walaza S, Pretorius M, Naby F, Mekgoe O, Kahn K, von Gottberg A, Wolter N, Cohen AL, von Mollendorf C, Venter M, **Madhi SA.** Epidemiology of Acute Lower Respiratory Tract Infection in HIV-Exposed Uninfected Infants. Pediatrics. 2016 Apr;137(4):e20153272. doi: 10.1542/peds.2015-3272. Epub 2016 Mar 29. PMID: 27025960.
335. Page N, Groome MJ, Murray T, Nadan S, Netshikweta R, Keddy KH, Poonsamy B, Moyes J, Walaza S, Kahn K, Kuonza L, Taylor MB, **Madhi SA,** Cohen C. Sapovirus prevalence in children less than five years of age hospitalised for diarrhoeal disease in South Africa, 2009-2013. J Clin Virol. 2016 May;78:82-8. doi: 10.1016/j.jcv.2016.03.013. Epub 2016 Mar 19. PMID: 27002709.
336. Wong KK, Cohen AL, Norris SA, Martinson NA, von Mollendorf C, Tempia S, Walaza S, **Madhi SA,** McMorrow ML, Variava E, Motlhaoleng KM, Cohen C. Knowledge, attitudes, and practices about influenza illness and vaccination: a cross- sectional survey in two South African communities. Influenza Other Respir Viruses. 2016 Sep;10(5):421-8. doi: 10.1111/irv.12388. Epub 2016 Apr 29. PMID: 26987756; PMCID: PMC4947943.
337. Dangor Z, Lala SG, Kwatra G, **Madhi SA.** Group B Streptococcus: developing a correlate of protection for a vaccine against neonatal infections. Curr Opin Infect Dis. 2016 Jun;29(3):262-7. doi: 10.1097/QCO.0000000000000266. PMID: 26926474.
338. Gupta A, Montepiedra G, Gupte A, Zeldow B, Jubulis J, Detrick B, Violari A, **Madhi SA,** Bobat R, Cotton M, Mitchell C, Spector S; IMPAACT NWCS113 and P1041 Study Team. Low Vitamin-D Levels Combined with PKP3-SIGIRR-TMEM16J Host Variants Is Associated with Tuberculosis and Death in HIV-Infected and -Exposed Infants. PLoS One. 2016 Feb 12;11(2):e0148649. doi: 10.1371/journal.pone.0148649. PMID: 26872154; PMCID: PMC4752266.
339. Heyderman RS, **Madhi SA,** French N, Cutland C, Ngwira B, Kayambo D, Mboizi R, Koen A, Jose L, Olugbosi M, Wittke F, Slobod K, Dull PM. Group B streptococcus vaccination in pregnant women with or without HIV in Africa: a non-randomised phase 2, open-label, multicentre trial. Lancet Infect Dis. 2016 May;16(5):546-555. doi: 10.1016/S1473-3099(15)00484-3. Epub 2016 Feb 8. PMID: 26869376; PMCID: PMC4835545.
340. Meiring S, Cohen C, Quan V, de Gouveia L, Feldman C, Karstaedt A, Klugman KP, **Madhi SA,** Rabie H, Sriruttan C, von Gottberg A; GERMS-SA. HIV Infection and the Epidemiology of Invasive Pneumococcal Disease (IPD) in South African Adults and Older Children Prior to the Introduction of a Pneumococcal Conjugate Vaccine (PCV). PLoS One. 2016 Feb 10;11(2):e0149104. doi: 10.1371/journal.pone.0149104. PMID: 26863135; PMCID: PMC4749259.
341. von Mollendorf C, Cohen C, Tempia S, Meiring S, de Gouveia L, Quan V, Lengana S, Karstaedt A, Dawood H, Seetharam S, Lekalakala R, **Madhi SA,** Klugman KP, von Gottberg A; Group for Enteric, Respiratory, and Meningeal Disease Surveillance in South Africa (GERMS-SA). Epidemiology of Serotype 1 Invasive Pneumococcal Disease, South Africa, 2003-2013. Emerg Infect Dis. 2016 Feb;22(2):261-70. doi: 10.3201/eid2202.150967. PMID: 26812214; PMCID: PMC4734528.
342. Beneri CA, Aaron L, Kim S, Jean-Philippe P, **Madhi SA,** Violari A, Cotton MF, Mitchell C, Nachman S; P1041 team. Understanding NIH clinical case definitions for pediatric intrathoracic TB by applying them to a clinical trial. Int J Tuberc Lung Dis. 2016 Jan;20(1):93-100. doi: 10.5588/ijtld.14.0848. PMID: 26688534; PMCID: PMC4928853.
343. Shi T, Balsells E, Wastnedge E, Singleton R, Rasmussen ZA, Zar HJ, Rath BA, **Madhi SA,** Campbell S, Vaccari LC, Bulkow LR, Thomas ED, Barnett W, Hoppe C, Campbell H, Nair H. Risk factors for respiratory syncytial virus associated with acute lower respiratory infection in children under five years: Systematic review and meta-analysis. J Glob Health. 2015 Dec;5(2):020416. doi: 10.7189/jogh.05.020416. PMID: 26682048; PMCID: PMC4676580.
344. Cohen AL, Sahr PK, Treurnicht F, Walaza S, Groome MJ, Kahn K, Dawood H, Variava E, Tempia S, Pretorius M, Moyes J, Olorunju SA, Malope-Kgokong B, Kuonza L, Wolter N, von Gottberg A, **Madhi SA,** Venter M, Cohen C. Parainfluenza Virus Infection Among Human Immunodeficiency Virus (HIV)-Infected and HIV-Uninfected Children and Adults Hospitalized for Severe Acute Respiratory Illness in South Africa, 2009-2014. Open Forum Infect Dis. 2015 Sep 19;2(4):ofv139. doi: 10.1093/ofid/ofv139. PMID: 26566534; PMCID: PMC4630450.
345. Tempia S, Wolter N, Cohen C, Walaza S, von Mollendorf C, Cohen AL, Moyes J, de Gouveia L, Nzenze S, Treurnicht F, Venter M, Groome MJ, **Madhi SA,** von Gottberg A. Assessing the impact of pneumococcal conjugate vaccines on invasive pneumococcal disease using polymerase chain reaction-based surveillance: an experience from South Africa. BMC Infect Dis. 2015 Oct 26;15:450. doi: 10.1186/s12879-015-1198-z. PMID: 26496761; PMCID: PMC4620746.
346. Dangor Z, Kwatra G, Izu A, Adrian P, Cutland CL, Velaphi S, Ballot D, Reubenson G, Zell ER, Lala SG, **Madhi SA.** Correlates of protection of serotype- specific capsular antibody and invasive Group B Streptococcus disease in South African infants. Vaccine. 2015 Nov 27;33(48):6793-9. doi: 10.1016/j.vaccine.2015.10.019. Epub 2015 Oct 23. PMID: 26478200.
347. Cohen C, Naidoo N, Meiring S, de Gouveia L, von Mollendorf C, Walaza S, Naicker P, **Madhi SA,** Feldman C, Klugman KP, Dawood H, von Gottberg A; GERMS-SA. Streptococcus pneumoniae Serotypes and Mortality in Adults and Adolescents in South Africa: Analysis of National Surveillance Data, 2003 - 2008. PLoS One. 2015 Oct 13;10(10):e0140185. doi: 10.1371/journal.pone.0140185. PMID: 26460800; PMCID: PMC4604081.
348. Zar HJ, White DA, Morrow B, Feldman C, Risenga S, Masekela R, Lewis H, Jeena P, **Madhi SA.** The bronchiolitis season is upon us--recommendations for the management and prevention of acute viral bronchiolitis. S Afr Med J. 2015 Sep 21;105(7):525-6. doi: 10.7196/SAMJnew.8040. PMID: 26428741.
349. Rivera L, Sáez-Llorens X, Feris-Iglesias J, Ip M, Saha S, Adrian PV, **Madhi SA,** Boudville IC, Cunnington MC, Casellas JM, Slobod KS. Incidence and serotype distribution of invasive group B streptococcal disease in young infants: a multi-country observational study. BMC Pediatr. 2015 Oct 1;15:143. doi: 10.1186/s12887-015-0460-2. PMID: 26427955; PMCID: PMC459163
350. Mazur NI, Martinón-Torres F, Baraldi E, Fauroux B, Greenough A, Heikkinen T, Manzoni P, Mejias A, Nair H, Papadopoulos NG, Polack FP, Ramilo O, Sharland M, Stein R, **Madhi SA,** Bont L; Respiratory Syncytial Virus Network (ReSViNET). Lower respiratory tract infection caused by respiratory syncytial virus: current management and new therapeutics. Lancet Respir Med. 2015 Nov;3(11):888-900. doi: 10.1016/S2213-2600(15)00255-6. Epub 2015 Sep 25. PMID: 26411809.
351. Cutland CL, Cunnington M, Olugbosi M, Jones SA, Hugo A, Maharaj K, Slobod K, **Madhi SA.** Lessons learnt from enrolment and follow up of pregnant women and their infants in clinical trials in South Africa, a low-middle income country. Vaccine. 2015 Nov 25;33(47):6406-12. doi: 10.1016/j.vaccine.2015.08.040. Epub 2015 Sep 26. PMID: 26409812.
352. Moon SS, Groome MJ, Velasquez DE, Parashar UD, Jones S, Koen A, van Niekerk N, Jiang B, **Madhi SA.** Prevaccination Rotavirus Serum IgG and IgA Are Associated With Lower Immunogenicity of Live, Oral Human Rotavirus Vaccine in South African Infants. Clin Infect Dis. 2016 Jan 15;62(2):157-65. doi: 10.1093/cid/civ828. Epub 2015 Sep 23. PMID: 26400993.
353. Dangor Z, Kwatra G, Izu A, Adrian P, Cutland CL, Velaphi S, Ballot D, Reubenson G, Zell ER, Lala SG, **Madhi SA.** Association between maternal Group B Streptococcus surface-protein antibody concentrations and invasive disease in their infants. Expert Rev Vaccines. 2015;14(12):1651-60. doi: 10.1586/14760584.2015.1085307. Epub 2015 Sep 12. PMID: 26364978.
354. **Madhi SA,** Nunes MC. The potential impact of pneumococcal conjugate vaccine in Africa: Considerations and early lessons learned from the South African experience. Hum Vaccin Immunother. 2016;12(2):314-25. doi: 10.1080/21645515.2015.1084450. PMID: 26317537; PMCID: PMC5049711.
355. White A, **Madhi SA.** Ethical considerations for designing GBS maternal vaccine efficacy trials in low-middle income countries. Vaccine. 2015 Nov 25;33(47):6396-400. doi: 10.1016/j.vaccine.2015.07.108. Epub 2015 Aug 11. PMID: 26271832.
356. Nunes MC, **Madhi SA.** Review on the effects of influenza vaccination during pregnancy on preterm births. Hum Vaccin Immunother. 2015;11(11):2538-48. doi: 10.1080/21645515.2015.1059976. Epub 2015 Aug 12. PMID: 26267701; PMCID: PMC 4685674.
357. Brink AJ, Cotton M, Feldman C, Finlayson H, Friedman R, Green R, Hendson W, Hockman M, Maartens G, **Madhi SA,** Reubenson G, Silverbauer E, Zietsman I. Updated recommendations for the management of upper respiratory tract infections in South Africa. S Afr Med J. 2015 Apr 6;105(5):344-52. doi: 10.7196/samj.8716. PMID: 26242659.
358. Groome MJ, Moyes J, Cohen C, Walaza S, Tempia S, Pretorius M, Hellferscee O, Chhagan M, Haffejee S, Dawood H, Kahn K, Variava E, Cohen AL, Gottberg Av, Wolter N, Venter M, **Madhi SA;** South African Severe Acute Respiratory Illness (SARI) Surveillance Group. Human metapneumovirus-associated severe acute respiratory illness hospitalisation in HIV-infected and HIV-uninfected South African children and adults. J Clin Virol. 2015 Aug;69:125-32. doi: 10.1016/j.jcv.2015.06.08 9. Epub 2015 Jun 18. PMID: 26209394.
359. Nan C, Dangor Z, Cutland CL, Edwards MS, **Madhi SA,** Cunnington MC. Maternal group B Streptococcus-related stillbirth: a systematic review. BJOG. 2015 Oct;122(11):1437-45. doi: 10.1111/1471-0528.13527. Epub 2015 Jul 14. PMID: 26177561.
360. Murray J, Cohen A, Walaza S, Groome M, **Madhi SA,** Variava E, Kahn K, Dawood H, Tempia S, Tshangela A, Venter M, Feikin D, Cohen C. Determining the Provincial and National Burden of Influenza-Associated Severe Acute Respiratory Illness in South Africa Using a Rapid Assessment Methodology. PLoS One. 2015 Jul 8;10(7):e0132078. doi: 10.1371/journal.pone.0132078. PMID: 26154306; PMCID: PMC4496064.
361. Nanoo A, Izu A, Ismail NA, Ihekweazu C, Abubakar I, Mametja D, **Madhi SA.** Nationwide and regional incidence of microbiologically confirmed pulmonary tuberculosis in South Africa, 2004-12: a time series analysis. Lancet Infect Dis. 2015 Sep;15(9):1066-1076. doi: 10.1016/S1473-3099(15)00147-4. Epub 2015 Jun 22. PMID: 26112077.
362. Omer SB, Richards JL, **Madhi SA,** Tapia MD, Steinhoff MC, Aqil AR, Wairagkar N; BMGF Supported Maternal Influenza Immunization Trials Investigators Group. Three randomized trials of maternal influenza immunization in Mali, Nepal, and South Africa: Methods and expectations. Vaccine. 2015 Jul 31;33(32):3801-12. doi: 10.1016/j.vaccine.2015.05.077. Epub 2015 Jun 19. PMID: 26095508.
363. **Madhi SA,** Groome MJ, Zar HJ, Kapongo CN, Mulligan C, Nzenze S, Moore DP, Zell ER, Whitney CG, Verani JR. Effectiveness of pneumococcal conjugate vaccine against presumed bacterial pneumonia hospitalisation in HIV-uninfected South African children: a case-control study. Thorax. 2015 Dec;70(12):1149-55. doi: 10.1136/thoraxjnl-2014-206593. Epub 2015 Jun 19. PMID: 26092924.
364. Nunes MC, Cutland CL, Dighero B, Bate J, Jones S, Hugo A, van Niekerk N, Kuwanda L, Izu A, Weinberg A, **Madhi SA;** Matflu Team. Kinetics of Hemagglutination-Inhibiting Antibodies Following Maternal Influenza Vaccination Among Mothers With and Those Without HIV Infection and Their Infants. J Infect Dis. 2015 Dec 15;212(12):1976-87. doi: 10.1093/infdis/jiv339. Epub 2015 Jun 1. Erratum in: J Infect Dis. 2019 Sep 13;220(8):1392. PMID: 26080370; PMCID: PMC4655859.
365. Van Rie A, Sawry S, Link-Gelles R, **Madhi SA,** Fairlie L, Verwey C, Mahomed N, Murdoch D, Moultrie H. Paradoxical tuberculosis-associated immune reconstitution inflammatory syndrome in children. Pediatr Pulmonol. 2016 Feb;51(2):157-64. doi: 10.1002/ppul.23221. Epub 2015 Jun 14. PMID: 26073306; PMCID: PMC4678030.
366. **Madhi SA,** Govender N, Dayal K, Devadiga R, Van Dyke MK, van Niekerk N, Cutland CL, Adrian PV, Nunes MC. Bacterial and Respiratory Viral Interactions in the Etiology of Acute Otitis Media in HIV-infected and HIV-uninfected South African Children. Pediatr Infect Dis J. 2015 Jul;34(7):753-60. doi: 10.1097/INF.0000000000000733. PMID: 25923426; PMCID: PMC4463031.
367. **Madhi SA,** Izu A, Nunes MC, Violari A, Cotton MF, Jean-Philippe P, Klugman KP, von Gottberg A, van Niekerk N, Adrian PV; CIPRA 4 team. Longitudinal study on Streptococcus pneumoniae, Haemophilus influenzae and Staphylococcus aureus nasopharyngeal colonization in HIV-infected and -uninfected infants vaccinated with pneumococcal conjugate vaccine. Vaccine. 2015 May 28;33(23):2662-9. doi: 10.1016/j.vaccine.2015.04.024. Epub 2015 Apr 21. PMID: 25910923; PMCID: PMC4436702.
368. Bhorat AE, **Madhi SA,** Laudat F, Sundaraiyer V, Gurtman A, Jansen KU, Scott DA, Emini EA, Gruber WC, Schmoele-Thoma B. Immunogenicity and safety of the 13-valent pneumococcal conjugate vaccine in HIV-infected individuals naive to pneumococcal vaccination. AIDS. 2015 Jul 17;29(11):1345-54. doi: 10.1097/QAD.0000000000000689. PMID: 25888646; PMCID: PMC4521829.
369. Dangor Z, Lala SG, Cutland CL, Koen A, Jose L, Nakwa F, Ramdin T, Fredericks J, Wadula J, **Madhi SA.** Burden of invasive group B Streptococcus disease and early neurological sequelae in South African infants. PLoS One. 2015 Apr 7;10(4):e0123014. doi: 10.1371/journal.pone.0123014. PMID: 25849416; PMCID: PMC4388823.
370. Budgell E, Cohen AL, McAnerney J, Walaza S, **Madhi SA,** Blumberg L, Dawood H, Kahn K, Tempia S, Venter M, Cohen C. Evaluation of two influenza surveillance systems in South Africa. PLoS One. 2015 Mar 30;10(3):e0120226. doi: 10.1371/journal.pone.0120226. PMID: 25822719; PMCID: PMC4379032
371. Cutland CL, Schrag SJ, Thigpen MC, Velaphi SC, Wadula J, Adrian PV, Kuwanda L, Groome MJ, Buchmann E, **Madhi SA.** Increased risk for group B Streptococcus sepsis in young infants exposed to HIV, Soweto, South Africa, 2004-2008(1). Emerg Infect Dis. 2015 Apr;21(4):638-45. doi: 10.3201/eid2104.141562. PMID: 25812061; PMCID: PMC4378461.
372. Tempia S, Walaza S, Viboud C, Cohen AL, **Madhi SA,** Venter M, von Mollendorf C, Moyes J, McAnerney JM, Cohen C. Deaths associated with respiratory syncytial and influenza viruses among persons ≥5 years of age in HIV-prevalent area, South Africa, 1998-2009(1). Emerg Infect Dis. 2015 Apr;21(4):600-8. doi: 10.3201/eid2104.141033. PMID: 25811455; PMCID: PMC4378466.
373. Cohen C, Moyes J, Tempia S, Groome M, Walaza S, Pretorius M, Dawood H, Chhagan M, Haffejee S, Variava E, Kahn K, von Gottberg A, Wolter N, Cohen AL, alope-Kgokong B, Venter M, **Madhi SA.** Mortality amongst patients with influenza- associated severe acute respiratory illness, South Africa, 2009-2013. PLoS One. 2015 Mar 18;10(3):e0118884. doi: 10.1371/journal.pone.0118884. PMID: 25786103; PMCID: PMC4365037.
374. Nzenze SA, von Gottberg A, Shiri T, van Niekerk N, de Gouveia L, Violari A, Nunes MC, **Madhi SA.** Temporal Changes in Pneumococcal Colonization in HIV- infected and HIV-uninfected Mother-Child Pairs Following Transitioning From 7-valent to 13-valent Pneumococcal Conjugate Vaccine, Soweto, South Africa. J Infect Dis. 2015 Oct 1;212(7):1082-92. doi: 10.1093/infdis/jiv167. Epub 2015 Mar 17. PMID: 25784729.
375. Cohen C, Walaza S, Moyes J, Groome M, Tempia S, Pretorius M, Hellferscee O, Dawood H, Haffejee S, Variava E, Kahn K, Tshangela A, von Gottberg A, Wolter N, Cohen AL, Kgokong B, Venter M, **Madhi SA.** Epidemiology of severe acute respiratory illness (SARI) among adults and children aged ≥5 years in a high HIV-prevalence setting, 2009-2012. PLoS One. 2015 Feb 23;10(2):e0117716. doi: 10.1371/journal.pone.0117716. PMID: 25706880; PMCID: PMC4337909.
376. Kwatra G, Adrian PV, Shiri T, Buchmann EJ, Cutland CL, **Madhi SA.** Natural acquired humoral immunity against serotype-specific group B Streptococcus rectovaginal colonization acquisition in pregnant women. Clin Microbiol Infect. 2015 Jun;21(6):568.e13-21. doi: 10.1016/j.cmi.2015.01.030. Epub 2015 Feb 10. PMID: 25680313.
377. Dangor Z, Kwatra G, Izu A, Adrian P, van Niekerk N, Cutland CL, Adam Y, Velaphi S, Lala SG, **Madhi SA.** HIV-1 Is Associated With Lower Group B Streptococcus Capsular and Surface-Protein IgG Antibody Levels and Reduced Transplacental Antibody Transfer in Pregnant Women. J Infect Dis. 2015 Aug 1;212(3):453-62. doi: 10.1093/infdis/jiv064. Epub 2015 Feb 4. PMID: 25651843.
378. Oliwa JN, Karumbi JM, Marais BJ, **Madhi SA,** Graham SM. Tuberculosis as a cause or comorbidity of childhood pneumonia in tuberculosis-endemic areas: a systematic review. Lancet Respir Med. 2015 Mar;3(3):235-43. doi: 10.1016/S2213-2600(15)00028-4. Epub 2015 Jan 29. PMID: 25648115.
379. Walaza S, Tempia S, Dawood H, Variava E, Moyes J, Cohen AL, Wolter N, Groome M, von Mollendorf C, Kahn K, Pretorius M, Venter M, **Madhi SA,** Cohen C. Influenza virus infection is associated with increased risk of death amongst patients hospitalized with confirmed pulmonary tuberculosis in South Africa, 2010-2011. BMC Infect Dis. 2015 Jan 27;15:26. doi: 10.1186/s12879-015-0746-x. PMID: 25623944; PMCID: PMC4316613
380. Ihekweazu C, Ncube F, Schoub B, Blumberg L, Ruggles R, Salter M, **Madhi SA,** Kessel A. A North/South collaboration between two national public health institutes--a model for global health protection. J Public Health Policy. 2015 May;36(2):181-93. doi: 10.1057/jphp.2014.52. Epub 2015 Jan 8. PMID: 25568964; PMCID: PMC7100317.
381. Nunes MC, Jones SA, Groome MJ, Kuwanda L, Van Niekerk N, von Gottberg A, de Gouveia L, Adrian PV, **Madhi SA.** Acquisition of Streptococcus pneumoniae in South African children vaccinated with 7-valent pneumococcal conjugate vaccine at 6, 14 and 40 weeks of age. Vaccine. 2015 Jan 29;33(5):628-34. doi: 10.1016/j.vaccine.2014.12.023. Epub 2014 Dec 23. PMID: 25541213.
382. **Madhi SA,** Nunes MC, Cutland CL. Influenza vaccination of pregnant women and protection of their infants. N Engl J Med. 2014 Dec 11;371(24):2340. doi: 10.1056/NEJMc1412050. PMID: 25494283.
383. **Madhi SA.** Pneumococcal conjugate vaccine and changing epidemiology of childhood bacterial meningitis. J Pediatr (Rio J). 2015 Mar-Apr;91(2):108-10. doi: 10.1016/j.jped.2014.11.001. Epub 2014 Dec 2. PMID: 25475554.
384. Nunes MC, Kuschner Z, Rabede Z, Cutland CL, Madimabe R, Kuwanda L, Klugman KP, Adrian PV, **Madhi SA.** Polyomaviruses-associated respiratory infections in HIV-infected and HIV-uninfected children. J Clin Virol. 2014 Dec;61(4):571-8. doi: 10.1016/j.jcv.2014.10.013. Epub 2014 Oct 28. PMID: 25467863; PMCID: PMC7173307.
385. Theodoratou E, McAllister DA, Reed C, Adeloye DO, Rudan I, Muhe LM, **Madhi SA,** Campbell H, Nair H. Global, regional, and national estimates of pneumonia burden in HIV-infected children in 2010: a meta-analysis and modelling study. Lancet Infect Dis. 2014 Dec;14(12):1250-8. doi: 10.1016/S1473-3099(14)70990-9. Epub 2014 Nov 12. PMID: 25455992; PMCID: PMC4242006.
386. von Gottberg A, de Gouveia L, Tempia S, Quan V, Meiring S, von Mollendorf C, **Madhi SA,** Zell ER, Verani JR, O'Brien KL, Whitney CG, Klugman KP, Cohen C; GERMS-SA Investigators. Effects of vaccination on invasive pneumococcal disease in South Africa. N Engl J Med. 2014 Nov 13;371(20):1889-99. doi: 10.1056/NEJMoa1401914. Epub 2014 Nov 11. PMID: 25386897.
387. Groome MJ, Page N, Cortese MM, Moyes J, Zar HJ, Kapongo CN, Mulligan C, Diedericks R, Cohen C, Fleming JA, Seheri M, Mphahlele J, Walaza S, Kahn K, Chhagan M, Steele AD, Parashar UD, Zell ER, **Madhi SA.** Effectiveness of monovalent human rotavirus vaccine against admission to hospital for acute rotavirus diarrhoea in South African children: a case-control study. Lancet Infect Dis. 2014 Nov; 4(11):1096-1104. doi: 10.1016/S1473-3099(14)70940-5. Epub 2014 Oct 7. Erratum in: Lancet Infect Dis. 2014 Nov;14(11):1040. PMID: 25303843.
388. Albrich WC, **Madhi SA,** Adrian PV, Telles JN, Paranhos-Baccalà G, Klugman KP. Genomic load from sputum samples and nasopharyngeal swabs for diagnosis of pneumococcal pneumonia in HIV-infected adults. J Clin Microbiol. 2014 Dec;52(12):4224-9. doi: 10.1128/JCM.01553-14. Epub 2014 Sep 24. PMID: 25253798; PMCID: PMC4313291.
389. Dangor Z, Kwatra G, Izu A, Lala SG, **Madhi SA.** Review on the association of Group B Streptococcus capsular antibody and protection against invasive disease in infants. Expert Rev Vaccines. 2015 Jan;14(1):135-49. doi: 10.1586/14760584.2014.953939. Epub 2014 Sep 22. PMID: 25242617.
390. Kagina BM, Wiysonge CS, Lesosky M, **Madhi SA,** Hussey GD. Safety of licensed vaccines in HIV-infected persons: a systematic review protocol. Syst Rev. 2014 Sep 11;3:101. doi: 10.1186/2046-4053-3-101. PMID: 25212760; PMCID: PMC4163552.
391. **Madhi SA,** Cutland CL, Kuwanda L, Weinberg A, Hugo A, Jones S, Adrian PV, van Niekerk N, Treurnicht F, Ortiz JR, Venter M, Violari A, Neuzil KM, Simões EA, Klugman KP, Nunes MC; Maternal Flu Trial (Matflu) Team. Influenza vaccination of pregnant women and protection of their infants. N Engl J Med. 2014 Sep 4;371(10):918-31. doi: 10.1056/NEJMoa1401480. PMID: 25184864.
392. Albrich WC, **Madhi SA,** Adrian PV, van Niekerk N, Telles JN, Ebrahim N, Messaoudi M, Paranhos-Baccalà G, Giersdorf S, Vernet G, Mueller B, Klugman KP. Pneumococcal colonisation density: a new marker for disease severity in HIV- infected adults with pneumonia. BMJ Open. 2014 Aug 11;4(8):e005953. doi: 10.1136/bmjopen-2014-005953. PMID: 25113557; PMCID: PMC4127937.
393. Nzenze SA, Shiri T, Nunes MC, Klugman KP, Kahn K, Twine R, de Gouveia L, von Gottberg A, **Madhi SA.** Temporal association of infant immunisation with pneumococcal conjugate vaccine on the ecology of Streptococcus pneumoniae, Haemophilus influenzae and Staphylococcus aureus nasopharyngeal colonisation in a rural South African community. Vaccine. 2014 Sep 22;32(42):5520-30. doi: 10.1016/j.vaccine.2014.06.091. Epub 2014 Aug 4. PMID: 25101982.
394. Cohen C, Walaza S, Moyes J, Groome M, Tempia S, Pretorius M, Hellferscee O, Dawood H, Chhagan M, Naby F, Haffejee S, Variava E, Kahn K, Nzenze S, Tshangela A, von Gottberg A, Wolter N, Cohen AL, Kgokong B, Venter M, **Madhi SA.** Epidemiology of viral-associated acute lower respiratory tract infection among children <5 years of age in a high HIV prevalence setting, South Africa, 2009-2012. Pediatr Infect Dis J. 2015 Jan;34(1):66-72. doi: 10.1097/INF.0000000000000478. Erratum in: Pediatr Infect Dis J. 2015 May;34(5):555-6. PMID: 25093972; PMCID: PMC4276570.
395. Naranbhai V, Kim S, Fletcher H, Cotton MF, Violari A, Mitchell C, Nachman S, McSherry G, McShane H, Hill AV, **Madhi SA.** The association between the ratio of monocytes:lymphocytes at age 3 months and risk of tuberculosis (TB) in the first two years of life. BMC Med. 2014 Jul 17;12:120. doi: 10.1186/s12916-014-0120-7. PMID: 25034889; PMCID: PMC4223414.
396. von Mollendorf C, Cohen C, de Gouveia L, Naidoo N, Meiring S, Quan V, Lindani S, Moore DP, Reubenson G, Moshe M, Eley B, Hallbauer UM, Finlayson H, **Madhi SA,** Conklin L, Zell ER, Klugman KP, Whitney CG, von Gottberg A; South African IPD Case–Control Study Group. Risk factors for invasive pneumococcal disease among children less than 5 years of age in a high HIV prevalence setting, South Africa, 2010 to 2012. Pediatr Infect Dis J. 2015 Jan;34(1):27-34. doi: 10.1097/INF.0000000000000484. PMID: 24992122.
397. Pretorius MA, Tempia S, Treurnicht FK, Walaza S, Cohen AL, Moyes J, Hellferscee O, Variava E, Dawood H, Chhagan M, Haffjee S, **Madhi SA,** Cohen C, Venter M. Genetic diversity and molecular epidemiology of human rhinoviruses in South Africa. Influenza Other Respir Viruses. 2014 Sep;8(5):567-73. doi: 10.1111/irv.12264. Epub 2014 Jul 3. PMID: 24990601; PMCID: PMC4181821.
398. Kwatra G, Adrian PV, Shiri T, Buchmann EJ, Cutland CL, **Madhi SA.** Serotype- specific acquisition and loss of group B streptococcus recto-vaginal colonization in late pregnancy. PLoS One. 2014 Jun 30;9(6):e98778. doi: 10.1371/journal.pone.0098778. PMID: 24979575; PMCID: PMC4076185.
399. Cohen AL, Hellferscee O, Pretorius M, Treurnicht F, Walaza S, **Madhi SA,** Groome M, Dawood H, Variava E, Kahn K, Wolter N, von Gottberg A, Tempia S, Venter M, Cohen C. Epidemiology of influenza virus types and subtypes in South Africa, 2009-2012. Emerg Infect Dis. 2014 Jul;20(7):1162-9. doi: 10.3201/eid2007.131869. PMID: 24960314; PMCID: PMC4073865.
400. Cohen C, von Mollendorf C, de Gouveia L, Naidoo N, Meiring S, Quan V, Nokeri V, Fortuin-de Smit M, Malope-Kgokong B, Moore D, Reubenson G, Moshe M, **Madhi SA,** Eley B, Hallbauer U, Kularatne R, Conklin L, O'Brien KL, Zell ER, Klugman K, Whitney CG, von Gottberg A; South African Invasive Pneumococcal Disease Case-Control Study Group. Effectiveness of 7-valent pneumococcal conjugate vaccine against invasive pneumococcal disease in HIV-infected and -uninfected children in south africa: a matched case-control study. Clin Infect Dis. 2014 Sep 15;59(6):808-18. doi: 10.1093/cid/ciu431. Epub 2014 Jun 9. PMID: 24917657; PMCID: PMC4144265.
401. Wolter N, Tempia S, Cohen C, **Madhi SA,** Venter M, Moyes J, Walaza S, Malope- Kgokong B, Groome M, du Plessis M, Magomani V, Pretorius M, Hellferscee O, Dawood H, Kahn K, Variava E, Klugman KP, von Gottberg A. High nasopharyngeal pneumococcal density, increased by viral coinfection, is associated with invasive pneumococcal pneumonia. J Infect Dis. 2014 Nov 15;210(10):1649-57. doi: 10.1093/infdis/jiu326. Epub 2014 Jun 6. PMID: 24907383.
402. **Madhi SA,** Bamford L, Ngcobo N. Effectiveness of pneumococcal conjugate vaccine and rotavirus vaccine introduction into the South African public immunisation programme. S Afr Med J. 2014 Mar;104(3 Suppl 1):228-34. doi: 10.7196/samj.7597. PMID: 24893498.
403. Mahomed N, **Madhi SA.** Radiologic diagnosis of chest infection in children: WHO end-point consolidation. Pediatr Radiol. 2014 Jun;44(6):685-6. doi: 10.1007/s00247-014-2933-0. Epub 2014 May 23. PMID: 24854939.
404. Groome MJ, Moon SS, Velasquez D, Jones S, Koen A, van Niekerk N, Jiang B, Parashar UD, **Madhi SA.** Effect of breastfeeding on immunogenicity of oral live- attenuated human rotavirus vaccine: a randomized trial in HIV-uninfected infants in Soweto, South Africa. Bull World Health Organ. 2014 Apr 1;92(4):238-45. doi: 10.2471/BLT.13.128066. Epub 2014 Feb 4. PMID: 24700991; PMCID: PMC3967577.
405. **Madhi SA,** Parashar UD. 116E rotavirus vaccine development: a successful alliance. Lancet. 2014 Jun 21;383(9935):2106-7. doi: 10.1016/S0140-6736(13)62701-4. Epub 2014 Mar 12. PMID: 24629992; PMCID: PMC5715719.
406. Dangor Z, Izu A, Moore DP, Nunes MC, Solomon F, Beylis N, von Gottberg A, McAnerney JM, **Madhi SA.** Temporal association in hospitalizations for tuberculosis, invasive pneumococcal disease and influenza virus illness in South African children. PLoS One. 2014 Mar 11;9(3):e91464. doi: 10.1371/journal.pone.0091464. PMID: 24618667; PMCID: PMC3950213.
407. Msimang VM, Page N, Groome MJ, Moyes J, Cortese MM, Seheri M, Kahn K, Chagan M, **Madhi SA,** Cohen C. Impact of rotavirus vaccine on childhood diarrheal hospitalization after introduction into the South African public immunization program. Pediatr Infect Dis J. 2013 Dec;32(12):1359-64. doi: 10.1097/INF.0b013e3182a72fc0. PMID: 24569308.
408. Tempia S, Walaza S, Viboud C, Cohen AL, **Madhi SA,** Venter M, McAnerney JM, Cohen C. Mortality associated with seasonal and pandemic influenza and respiratory syncytial virus among children <5 years of age in a high HIV prevalence setting--South Africa, 1998-2009. Clin Infect Dis. 2014 May;58(9):1241-9. doi: 10.1093/cid/ciu095. Epub 2014 Feb 23. PMID: 24567249.
409. Kim SY, Russell LB, Park J, Verani JR, **Madhi SA,** Cutland CL, Schrag SJ, Sinha A. Cost-effectiveness of a potential group B streptococcal vaccine program for pregnant women in South Africa. Vaccine. 2014 Apr 7;32(17):1954-63. doi: 10.1016/j.vaccine.2014.01.062. Epub 2014 Feb 11. PMID: 24530145.
410. Nunes MC, Kuschner Z, Rabede Z, Madimabe R, Van Niekerk N, Moloi J, Kuwanda L, Rossen JW, Klugman KP, Adrian PV, **Madhi SA.** Clinical epidemiology of bocavirus, rhinovirus, two polyomaviruses and four coronaviruses in HIV-infected and HIV-uninfected South African children. PLoS One. 2014 Feb 3;9(2):e86448. doi: 10.1371/journal.pone.0086448. PMID: 24498274; PMCID: PMC3911925.
411. Simani OE, Izu A, Violari A, Cotton MF, van Niekerk N, Adrian PV, **Madhi SA.** Effect of HIV-1 exposure and antiretroviral treatment strategies in HIV-infected children on immunogenicity of vaccines during infancy. AIDS. 2014 Feb 20;28(4):531-41. doi: 10.1097/QAD.0000000000000127. PMID: 24468996.
412. Nascimento-Carvalho CM, **Madhi SA,** O'Brien KL. Is pneumonia among children in developing countries a different disease from the 1 among patients in the same age group in developed countries? Pediatr Infect Dis J. 2014 Feb;33(2):229-30. doi: 10.1097/INF.0000000000000121. PMID: 24413414.
413. Pretorius MA, van Niekerk S, Tempia S, Moyes J, Cohen C, **Madhi SA,** Venter M; SARI Surveillance Group. Replacement and positive evolution of subtype A and B respiratory syncytial virus G-protein genotypes from 1997-2012 in South Africa. J Infect Dis. 2013 Dec 15;208 Suppl 3:S227-37. doi: 10.1093/infdis/jit477. PMID: 24265482.
414. Moyes J, Cohen C, Pretorius M, Groome M, von Gottberg A, Wolter N, Walaza S, Haffejee S, Chhagan M, Naby F, Cohen AL, Tempia S, Kahn K, Dawood H, Venter M, **Madhi SA;** South African Severe Acute Respiratory Illness Surveillance Group. Epidemiology of respiratory syncytial virus-associated acute lower respiratory tract infection hospitalizations among HIV-infected and HIV-uninfected South African children, 2010-2011. J Infect Dis. 2013 Dec 15;208 Suppl 3:S217-26. doi: 10.1093/infdis/jit479. PMID: 24265481.
415. Cheuvart B, Neuzil KM, Steele AD, Cunliffe N, **Madhi SA,** Karkada N, Han HH, Vinals C. Association of serum anti-rotavirus immunoglobulin A antibody seropositivity and protection against severe rotavirus gastroenteritis: analysis of clinical trials of human rotavirus vaccine. Hum Vaccin Immunother. 2014;10(2):505-11. doi: 10.4161/hv.27097. Epub 2013 Nov 13. PMID: 24240068; PMCID: PMC4185910.
416. Cotton MF, Violari A, Otwombe K, Panchia R, Dobbels E, Rabie H, Josipovic D, Liberty A, Lazarus E, Innes S, van Rensburg AJ, Pelser W, Truter H, **Madhi SA,** Handelsman E, Jean-Philippe P, McIntyre JA, Gibb DM, Babiker AG; CHER Study Team. Early time-limited antiretroviral therapy versus deferred therapy in South African infants infected with HIV: results from the children with HIV early antiretroviral (CHER) randomised trial. Lancet. 2013 Nov 9;382(9904):1555-63. doi: 10.1016/S0140-6736(13)61409-9. PMID: 24209829; PMCID: PMC4104982.
417. Cohen C, Moyes J, Tempia S, Groom M, Walaza S, Pretorius M, Dawood H, Chhagan M, Haffejee S, Variava E, Kahn K, Tshangela A, von Gottberg A, Wolter N, Cohen AL, Kgokong B, Venter M, **Madhi SA.** Severe influenza-associated respiratory infection in high HIV prevalence setting, South Africa, 2009-2011. Emerg Infect Dis. 2013 Nov;19(11):1766-74. doi: 10.3201/eid1911.130546. PMID: 24209781; PMCID: PMC3837669.
418. Nascimento-Carvalho CM, **Madhi SA,** O'Brien KL. Review of guidelines for evidence-based management for childhood community-acquired pneumonia in under-5 years from developed and developing countries. Pediatr Infect Dis J. 2013 Nov;32(11):1281-2. doi: 10.1097/INF.0b013e3182a4dcfa. PMID: 24141800.
419. Shiri T, Nunes MC, Adrian PV, Van Niekerk N, Klugman KP, **Madhi SA.** Interrelationship of Streptococcus pneumoniae, Haemophilus influenzae and Staphylococcus aureus colonization within and between pneumococcal-vaccine naïve mother-child dyads. BMC Infect Dis. 2013 Oct 17;13:483. doi: 10.1186/1471-2334-13-483. PMID: 24134472; PMCID: PMC4015913.
420. Shiri T, Auranen K, Nunes MC, Adrian PV, van Niekerk N, de Gouveia L, von Gottberg A, Klugman KP, **Madhi SA.** Dynamics of pneumococcal transmission in vaccine-naive children and their HIV-infected or HIV-uninfected mothers during the first 2 years of life. Am J Epidemiol. 2013 Dec 1;178(11):1629-37. doi: 10.1093/aje/kwt200. Epub 2013 Oct 3. PMID: 24091888.
421. Nzenze SA, Shiri T, Nunes MC, Klugman KP, Kahn K, Twine R, de Gouveia L, von Gottberg A, **Madhi SA.** Temporal changes in pneumococcal colonization in a rural African community with high HIV prevalence following routine infant pneumococcal immunization. Pediatr Infect Dis J. 2013 Nov;32(11):1270-8. doi: 10.1097/01.inf.0000435805.25366.64. PMID: 24061271.
422. Simani OE, Adrian PV, Violari A, Kuwanda L, Otwombe K, Nunes MC, Cotton MF, **Madhi SA.** Effect of in-utero HIV exposure and antiretroviral treatment strategies on measles susceptibility and immunogenicity of measles vaccine. AIDS. 2013 Jun 19;27(10):1583-91. doi: 10.1097/QAD.0b013e32835fae26. PMID: 24047763.
423. Jones SA, Groome M, Koen A, Van Niekerk N, Sewraj P, Kuwanda L, Izu A, Adrian PV, **Madhi SA.** Immunogenicity of seven-valent pneumococcal conjugate vaccine administered at 6, 14 and 40 weeks of age in South African infants. PLoS One. 2013 Aug 28;8(8):e72794. doi: 10.1371/journal.pone.0072794. PMID: 24015277; PMCID: PMC3755982.
424. **Madhi SA,** Dangor Z, Heath PT, Schrag S, Izu A, Sobanjo-Ter Meulen A, Dull PM. Considerations for a phase-III trial to evaluate a group B Streptococcus polysaccharide-protein conjugate vaccine in pregnant women for the prevention of early- and late-onset invasive disease in young-infants. Vaccine. 2013 Aug 28;31 Suppl 4:D52-7. doi: 10.1016/j.vaccine.2013.02.029. PMID: 23973347.
425. Zar HJ, **Madhi SA,** Aston SJ, Gordon SB. Pneumonia in low and middle income countries: progress and challenges. Thorax. 2013 Nov;68(11):1052-6. doi: 10.1136/thoraxjnl-2013-204247. Epub 2013 Aug 16. PMID: 23956020; PMCID: PMC3960724.
426. Wolter N, Cohen C, Tempia S, **Madhi SA,** Venter M, Moyes J, Walaza S, Malope Kgokong B, Groome M, du Plessis M, Pretorius M, Dawood H, Kahn K, Variava E, Klugman KP, von Gottberg A. HIV and influenza virus infections are associated with increased blood pneumococcal load: a prospective, hospital-based observational study in South Africa, 2009-2011. J Infect Dis. 2014 Jan 1;209(1):56-65. doi: 10.1093/infdis/jit427. Epub 2013 Aug 6. PMID: 23922370.
427. **Madhi SA,** Kuwanda L, Venter M, Violari A. Prospective cohort study comparing seasonal and H1N1(2009) pandemic influenza virus illnesses in HIV- infected children during 2009. Pediatr Infect Dis J. 2014 Feb;33(2):174-6. doi: 10.1097/INF.0b013e3182a73ebb. PMID: 23907261.
428. Ditse Z, Adrian PV, Kuwanda L, **Madhi SA.** Association of Streptococcus pneumoniae common protein antigen (CPA) antibodies and pneumococcal nasopharyngeal colonization in HIV-infected and HIV-uninfected African children. Vaccine. 2013 Sep 13;31(40):4421-7. doi: 10.1016/j.vaccine.2013.06.097. Epub 2013 Jul 8. PMID: 23845819.
429. Kwatra G, **Madhi SA,** Cutland CL, Buchmann EJ, Adrian PV. Evaluation of Trans-Vag broth, colistin-nalidixic agar, and CHROMagar StrepB for detection of group B Streptococcus in vaginal and rectal swabs from pregnant women in South Africa. J Clin Microbiol. 2013 Aug;51(8):2515-9. doi: 10.1128/JCM.00251-13. Epub 2013 May 22. PMID: 23698527; PMCID: PMC3719654.
430. von Gottberg A, Cohen C, de Gouveia L, Meiring S, Quan V, Whitelaw A, Crowther-Gibson P, **Madhi SA,** Whitney CG, Klugman KP. Epidemiology of invasive pneumococcal disease in the pre-conjugate vaccine era: South Africa, 2003-2008. Vaccine. 2013 Aug 28;31(38):4200-8. doi: 10.1016/j.vaccine.2013.04.077. Epub 2013 May 16. PMID: 23684826.
431. **Madhi SA,** Koen A, Cutland C, Groome M, Santos-Lima E. Antibody persistence and booster vaccination of a fully liquid hexavalent vaccine coadministered with measles/mumps/rubella and varicella vaccines at 15-18 months of age in healthy South African infants. Pediatr Infect Dis J. 2013 Aug;32(8):889-97. doi: 10.1097/INF.0b013e318292f7b1. PMID: 23538523.
432. Dangor Z, Izu A, Hillier K, Solomon F, Beylis N, Moore DP, Nunes MC, **Madhi SA.** Impact of the antiretroviral treatment program on the burden of hospitalization for culture-confirmed tuberculosis in South African children: a time-series analysis. Pediatr Infect Dis J. 2013 Sep;32(9):972-7. doi: 10.1097/INF.0b013e31828d9aa4. PMID: 23503163.
433. Nunes MC, **Madhi SA.** Review of a new fully liquid, hexavalent vaccine: Hexaxim. Expert Opin Biol Ther. 2013 Apr;13(4):575-93. doi: 10.1517/14712598.2013.774368. Epub 2013 Feb 27. Erratum in: Expert Opin Biol Ther. 2013 Jun;13(6):949. PMID: 23441818.
434. Nair H, Simões EA, Rudan I, Gessner BD, Azziz-Baumgartner E, Zhang JSF, Feikin DR, Mackenzie GA, Moiïsi JC, Roca A, Baggett HC, Zaman SM, Singleton RJ, Lucero MG, Chandran A, Gentile A, Cohen C, Krishnan A, Bhutta ZA, Arguedas A, Clara AW, Andrade AL, Ope M, Ruvinsky RO, Hortal M, McCracken JP, **Madhi SA,** Bruce N, Qazi SA, Morris SS, El Arifeen S, Weber MW, Scott JAG, Brooks WA, Breiman RF, Campbell H; Severe Acute Lower Respiratory Infections Working Group. Global and regional burden of hospital admissions for severe acute lower respiratory infections in young children in 2010: a systematic analysis. Lancet. 2013 Apr 20;381(9875):1380-1390. doi: 10.1016/S0140-6736(12)61901-1. Epub 2013 Jan 29. PMID: 23369797; PMCID: PMC3986472.
435. Nunes MC, Shiri T, van Niekerk N, Cutland CL, Groome MJ, Koen A, von Gottberg A, de Gouveia L, Klugman KP, Adrian PV, **Madhi SA.** Acquisition of Streptococcus pneumoniae in pneumococcal conjugate vaccine-naïve South African children and their mothers. Pediatr Infect Dis J. 2013 May;32(5):e192-205. doi: 10.1097/INF.0b013e31828683a3. PMID: 23340555.
436. **Madhi SA,** Izu A, Violari A, Cotton MF, Panchia R, Dobbels E, Sewraj P, van Niekerk N, Jean-Philippe P, Adrian PV; CIPRA-4 team. Immunogenicity following the first and second doses of 7-valent pneumococcal conjugate vaccine in HIV- infected and -uninfected infants. Vaccine. 2013 Jan 21;31(5):777-83. doi: 10.1016/j.vaccine.2012.11.076. Epub 2012 Dec 8. PMID: 23228814; PMCID: PMC3646262.
437. Venter M, Naidoo D, Pretorius M, Buys A, McAnerney J, Blumberg L, **Madhi SA,** Cohen C, Schoub B. Evolutionary dynamics of 2009 pandemic influenza A virus subtype H1N1 in South Africa during 2009-2010. J Infect Dis. 2012 Dec 15;206 Suppl 1:S166-72. doi: 10.1093/infdis/jis539. PMID: 23169965.
438. Pretorius MA, **Madhi SA,** Cohen C, Naidoo D, Groome M, Moyes J, Buys A, Walaza S, Dawood H, Chhagan M, Haffjee S, Kahn K, Puren A, Venter M. Respiratory viral coinfections identified by a 10-plex real-time reverse-transcription polymerase chain reaction assay in patients hospitalized with severe acute respiratory illness--South Africa, 2009-2010. J Infect Dis. 2012 Dec 15;206 Suppl 1:S159-65. doi: 10.1093/infdis/jis538. PMID: 23169964.
439. **Madhi SA,** De Wals P, Grijalva CG, Grimwood K, Grossman R, Ishiwada N, Lee PI, Nascimento-Carvalho C, Nohynek H, O'Brien KL, Vergison A, Wolter J. The burden of childhood pneumonia in the developed world: a review of the literature. Pediatr Infect Dis J. 2013 Mar;32(3):e119-27. doi: 10.1097/INF.0b013e3182784b26. PMID: 23099423.
440. Madzivhandila M, Adrian PV, Cutland CL, Kuwanda L, **Madhi SA,** The PoPS Trial Team. Distribution of pilus islands of group B streptococcus associated with maternal colonization and invasive disease in South Africa. J Med Microbiol. 2013 Feb;62(Pt 2):249-253. doi: 10.1099/jmm.0.052951-0. Epub 2012 Oct 11. PMID: 23065545.
441. **Madhi SA,** Dittmer S, Kuwanda L, Venter M, Cassim H, Lazarus E, Thomas T, Liberty A, Treurnich F, Cutland CL, Weinberg A, Violari A. Efficacy and immunogenicity of influenza vaccine in HIV-infected children: a randomized, double-blind, placebo controlled trial. AIDS. 2013 Jan 28;27(3):369-79. doi: 10.1097/QAD.0b013e32835ab5b2. PMID: 23032417.
442. Steele AD, Neuzil KM, Cunliffe NA, **Madhi SA,** Bos P, Ngwira B, Witte D, Todd S, Louw C, Kirsten M, Aspinall S, Van Doorn LJ, Bouckenooghe A, Suryakiran PV, Han HH. Human rotavirus vaccine Rotarix™ provides protection against diverse circulating rotavirus strains in African infants: a randomized controlled trial. BMC Infect Dis. 2012 Sep 13;12:213. doi: 10.1186/1471-2334-12-213. PMID: 22974466; PMCID: PMC3462149.
443. Moore DP, Dagan R, **Madhi SA.** Respiratory viral and pneumococcal coinfection of the respiratory tract: implications of pneumococcal vaccination. Expert Rev Respir Med. 2012 Aug;6(4):451-65. doi: 10.1586/ers.12.32. PMID: 22971069.
444. **Madhi SA,** Cohen C, von Gottberg A. Introduction of pneumococcal conjugate vaccine into the public immunization program in South Africa: translating research into policy. Vaccine. 2012 Sep 7;30 Suppl 3:C21-7. doi: 10.1016/j.vaccine.2012.05.055. PMID: 22939016.
445. Cutland CL, Schrag SJ, Zell ER, Kuwanda L, Buchmann E, Velaphi SC, Groome MJ, Adrian PV, **Madhi SA;** PoPS trial team. Maternal HIV infection and vertical transmission of pathogenic bacteria. Pediatrics. 2012 Sep;130(3):e581-90. doi: 10.1542/peds.2011-1548. Epub 2012 Aug 6. PMID: 22869824.
446. Wiysonge CS, Ngcobo NJ, Jeena PM, **Madhi SA,** Schoub BD, Hawkridge A, Shey MS, Hussey GD. Advances in childhood immunisation in South Africa: where to now? Programme managers' views and evidence from systematic reviews. BMC Public Health. 2012 Jul 31;12:578. doi: 10.1186/1471-2458-12-578. PMID: 22849711; PMCID: PMC3418205.
447. Groome MJ, Albrich WC, Wadula J, Khoosal M, **Madhi SA.** Community-onset Staphylococcus aureus bacteraemia in hospitalised African children: high incidence in HIV-infected children and high prevalence of multidrug resistance. Paediatr Int Child Health. 2012 Aug;32(3):140-6. doi: 10.1179/1465328111Y.0000000044. PMID: 22824661.
448. Cohen C, Simonsen L, Sample J, Kang JW, Miller M, **Madhi SA,** Campsmith M, Viboud C. Influenza-related mortality among adults aged 25-54 years with AIDS in South Africa and the United States of America. Clin Infect Dis. 2012 Oct;55(7):996-1003. doi: 10.1093/cid/cis549. Epub 2012 Jun 19. PMID: 22715173; PMCID: PMC3657519.
449. Kiser JJ, Zhu R, DʼArgenio DZ, Cotton MF, Bobat R, McSherry GD, **Madhi SA,** Carey VJ, Seifart HI, Werely CJ, Fletcher CV. Isoniazid pharmacokinetics, pharmacodynamics, and dosing in South African infants. Ther Drug Monit. 2012 Aug;34(4):446-51. doi: 10.1097/FTD.0b013e31825c4bc3. PMID: 22695364; PMCID: PMC3397663.
450. Tokarz R, Firth C, **Madhi SA,** Howie SRC, Wu W, Sall AA, Haq S, Briese T, Lipkin WI. Worldwide emergence of multiple clades of enterovirus 68. J Gen Virol. 2012 Sep;93(Pt 9):1952-1958. doi: 10.1099/vir.0.043935-0. Epub 2012 Jun 13. PMID: 22694903; PMCID: PMC3542132.
451. Laughton B, Cornell M, Grove D, Kidd M, Springer PE, Dobbels E, van Rensburg AJ, Violari A, Babiker AG, **Madhi SA,** Jean-Philippe P, Gibb DM, Cotton MF. Early antiretroviral therapy improves neurodevelopmental outcomes in infants. AIDS. 2012 Aug 24;26(13):1685-90. doi: 10.1097/QAD.0b013e328355d0ce. PMID: 22614886; PMCID: PMC4145617.
452. Sinha A, Kim S, Ginsberg G, Franklin H, Kohberger R, Strutton D, **Madhi SA,** Griffiths UK, Klugman KP. Economic burden of acute lower respiratory tract infection in South African children. Paediatr Int Child Health. 2012 May;32(2):65-73. doi: 10.1179/2046905512Y.0000000010. PMID: 22595212.
453. Schrag SJ, Cutland CL, Zell ER, Kuwanda L, Buchmann EJ, Velaphi SC, Groome MJ, **Madhi SA;** PoPS Trial Team. Risk factors for neonatal sepsis and perinatal death among infants enrolled in the prevention of perinatal sepsis trial, Soweto, South Africa. Pediatr Infect Dis J. 2012 Aug;31(8):821-6. doi: 10.1097/INF.0b013e31825c4b5a. PMID: 22565291.
454. **Madhi SA,** Kirsten M, Louw C, Bos P, Aspinall S, Bouckenooghe A, Neuzil KM, Steele AD. Efficacy and immunogenicity of two or three dose rotavirus-vaccine regimen in South African children over two consecutive rotavirus-seasons: a randomized, double-blind, placebo-controlled trial. Vaccine. 2012 Apr 27;30 Suppl 1:A44-51. doi: 10.1016/j.vaccine.2011.08.080. PMID: 22520136.
455. Groome MJ, **Madhi SA.** Five-year cohort study on the burden of hospitalisation for acute diarrhoeal disease in African HIV-infected and HIV-uninfected children: potential benefits of rotavirus vaccine. Vaccine. 2012 Apr 27;30 Suppl 1:A173-8. doi: 10.1016/j.vaccine.2011.08.004. PMID: 22520128.
456. Dagnew AF, Cunnington MC, Dube Q, Edwards MS, French N, Heyderman RS, **Madhi SA,** Slobod K, Clemens SA. Variation in reported neonatal group B streptococcal disease incidence in developing countries. Clin Infect Dis. 2012 Jul;55(1):91-102. doi: 10.1093/cid/cis395. Epub 2012 Apr 20. PMID: 22523262.
457. Graham SM, Ahmed T, Amanullah F, Browning R, Cardenas V, Casenghi M, Cuevas LE, Gale M, Gie RP, Grzemska M, Handelsman E, Hatherill M, Hesseling AC, Jean- Philippe P, Kampmann B, Kabra SK, Lienhardt C, Lighter-Fisher J, **Madhi SA,** Makhene M, Marais BJ, McNeeley DF, Menzies H, Mitchell C, Modi S, Mofenson L, Musoke P, Nachman S, Powell C, Rigaud M, Rouzier V, Starke JR, Swaminathan S, Wingfield C. Evaluation of tuberculosis diagnostics in children: 1. Proposed clinical case definitions for classification of intrathoracic tuberculosis disease. Consensus from an expert panel. J Infect Dis. 2012 May 15;205 Suppl 2(Suppl 2):S199-208. doi: 10.1093/infdis/jis008. Epub 2012 Mar 22. PMID: 22448023; PMCID: PMC3334506.
458. Levine OS, O'Brien KL, Deloria-Knoll M, Murdoch DR, Feikin DR, DeLuca AN, Driscoll AJ, Baggett HC, Brooks WA, Howie SR, Kotloff KL, **Madhi SA,** Maloney SA, Sow S, Thea DM, Scott JA. The Pneumonia Etiology Research for Child Health Project: a 21st century childhood pneumonia etiology study. Clin Infect Dis. 2012 Apr;54 Suppl 2(Suppl 2):S93-101. doi: 10.1093/cid/cir1052. PMID: 22403238; PMCID: PMC3297546.
459. Nunes MC, **Madhi SA.** Safety, immunogenicity and efficacy of pneumococcal conjugate vaccine in HIV-infected individuals. Hum Vaccin Immunother. 2012 Feb;8(2):161-73. doi: 10.4161/hv.18432. Epub 2012 Feb 1. PMID: 22426374; PMCID: PMC3367711.
460. Punpanich W, Groome M, Muhe L, Qazi SA, **Madhi SA.** Antibiotic and systemic therapies for pneumonia in human immunodeficiency virus (HIV)-infected and HIV- exposed children. J Infect Dev Ctries. 2012 Feb 13;6(2):109-19. doi: 10.3855/jidc.2004. PMID: 22337838.
461. Robertson AJ, Firth GB, Truda C, Ramdass DA, Groome M, Madhi S. Epidemiology of acute osteoarticular sepsis in a setting with a high prevalence of pediatric HIV infection. J Pediatr Orthop. 2012 Mar;32(2):215-9. doi: 10.1097/BPO.0b013e3182468cd7. PMID: 22327459.
462. **Madhi SA,** Cutland C, Jones S, Groome M, Ortiz E. One-year post-primary antibody persistence and booster immune response to a DTaP-IPV//PRP~T vaccine (Pentaxim) given at 18 - 19 months of age in South African children primed at 6, 10 and 14 weeks of age with the same vaccine. S Afr Med J. 2011 Nov 28;101(12):879-83. PMID: 22273029.
463. Omer SB, Bednarczyk R, **Madhi SA,** Klugman KP. Benefits to mother and child of influenza vaccination during pregnancy. Hum Vaccin Immunother. 2012 Jan;8(1):130-7. doi: 10.4161/hv.8.1.18601. Epub 2012 Jan 1. PMID: 22251998.
464. Reed C, **Madhi SA,** Klugman KP, Kuwanda L, Ortiz JR, Finelli L, Fry AM. Development of the Respiratory Index of Severity in Children (RISC) score among young children with respiratory infections in South Africa. PLoS One. 2012;7(1):e27793. doi: 10.1371/journal.pone.0027793. Epub 2012 Jan 4. PMID: 22238570; PMCID: PMC3251620.
465. Hesseling AC, Kim S, **Madhi SA,** Nachman S, Schaaf HS, Violari A, Victor TC, McSherry G, Mitchell C, Cotton MF; IMPAACT P1041 Team. High prevalence of drug resistance amongst HIV-exposed and -infected children in a tuberculosis prevention trial. Int J Tuberc Lung Dis. 2012 Feb;16(2):192-5. doi: 10.5588/ijtld.10.0795. PMID: 22236919; PMCID: PMC3265022.
466. Albrich WC, **Madhi SA,** Adrian PV, van Niekerk N, Mareletsi T, Cutland C, Wong M, Khoosal M, Karstaedt A, Zhao P, Deatly A, Sidhu M, Jansen KU, Klugman KP. Use of a rapid test of pneumococcal colonization density to diagnose pneumococcal pneumonia. Clin Infect Dis. 2012 Mar 1;54(5):601-9. doi: 10.1093/cid/cir859. Epub 2011 Dec 8. PMID: 22156852; PMCID: PMC3275757.
467. Nunes MC, von Gottberg A, de Gouveia L, Cohen C, Kuwanda L, Karstaedt AS, Klugman KP, **Madhi SA.** Persistent high burden of invasive pneumococcal disease in South African HIV-infected adults in the era of an antiretroviral treatment program. PLoS One. 2011;6(11):e27929. doi: 10.1371/journal.pone.0027929. Epub 2011 Nov 28. PMID: 22140487; PMCID: PMC3225377.
468. Wiysonge CS, Armah GE, **Madhi SA,** Were F, Kitaka SB, Akoua-Koffi C, Gresenguet G, Gatheru Z, Maranga PW, Dicko A, Falade AG, Boula AY, Kuit SB, Odusanya OO, Sow PS, Lakhani N, Mpabalwani EM, Tamfum JJ, Hussey GD. The African Vaccine-Preventable Diseases Network: a vaccine advocacy initiative. Pan Afr Med J. 2011;8:24. doi: 10.4314/pamj.v8i1.71081. Epub 2011 Mar 14. PMID: 22121433; PMCID: PMC3201589.
469. von Gottberg A, Cohen C, Whitelaw A, Chhagan M, Flannery B, Cohen AL, de Gouveia L, Plessis Md, **Madhi SA,** Klugman KP; Group for Enteric, Respiratory, Meningeal Disease Surveillance in South Africa (GERMS-SA). Invasive disease due to Haemophilus influenzae serotype b ten years after routine vaccination, South Africa, 2003-2009. Vaccine. 2012 Jan 11;30(3):565-71. doi: 10.1016/j.vaccine.2011.11.066. Epub 2011 Nov 26. PMID: 22119925.
470. Jaspan HB, Myer L, **Madhi SA,** Violari A, Gibb DM, Stevens WS, Dobbels E, Cotton MF. Utility of clinical parameters to identify HIV infection in infants below ten weeks of age in South Africa: a prospective cohort study. BMC Pediatr. 2011 Nov 21;11:104. doi: 10.1186/1471-2431-11-104. PMID: 22103994; PMCID: PMC3258191.
471. Nair H, Brooks WA, Katz M, Roca A, Berkley JA, **Madhi SA,** Simmerman JM, Gordon A, Sato M, Howie S, Krishnan A, Ope M, Lindblade KA, Carosone-Link P, Lucero M, Ochieng W, Kamimoto L, Dueger E, Bhat N, Vong S, Theodoratou E, Chittaganpitch M, Chimah O, Balmaseda A, Buchy P, Harris E, Evans V, Katayose M, Gaur B, O'Callaghan-Gordo C, Goswami D, Arvelo W, Venter M, Briese T, Tokarz R, Widdowson MA, Mounts AW, Breiman RF, Feikin DR, Klugman KP, Olsen SJ, Gessner BD, Wright PF, Rudan I, Broor S, Simões EA, Campbell H. Global burden of respiratory infections due to seasonal influenza in young children: a systematic review and meta-analysis. Lancet. 2011 Dec 3;378(9807):1917-30. doi: 10.1016/S0140-6736(11)61051-9. Epub 2011 Nov 10. PMID: 22078723.
472. Shah M, Kasambira TS, Adrian PV, **Madhi SA,** Martinson NA, Dorman SE. Longitudinal analysis of QuantiFERON-TB Gold In-Tube in children with adult household tuberculosis contact in South Africa: a prospective cohort study. PLoS One. 2011;6(10):e26787. doi: 10.1371/journal.pone.0026787. Epub 2011 Oct 31. PMID: 22066009; PMCID: PMC3204993.
473. Hainline C, Taliep R, Sorour G, Nachman S, Rabie H, Dobbels E, van Rensburg AJ, Cornell M, Violari A, **Madhi SA,** Cotton MF. Early Antiretroviral Therapy reduces the incidence of otorrhea in a randomized study of early and deferred antiretroviral therapy: Evidence from the Children with HIV Early Antiretroviral Therapy (CHER) Study. BMC Res Notes. 2011 Oct 26;4:448. doi: 10.1186/1756-0500-4-448. PMID: 22029910; PMCID: PMC3219790.
474. Rabie H, Violari A, Duong T, **Madhi SA,** Josipovic D, Innes S, Dobbels E, Lazarus E, Panchia R, Babiker AG, Gibb DM, Cotton MF; CHER team. Early antiretroviral treatment reduces risk of bacille Calmette-Guérin immune reconstitution adenitis. Int J Tuberc Lung Dis. 2011 Sep;15(9):1194-200, i. doi: 10.5588/ijtld.10.0721. PMID: 21943845; PMCID: PMC3183835.
475. Son MR, Shchepetov M, Adrian PV, **Madhi SA,** de Gouveia L, von Gottberg A, Klugman KP, Weiser JN, Dawid S. Conserved mutations in the pneumococcal bacteriocin transporter gene, blpA, result in a complex population consisting of producers and cheaters. mBio. 2011 Sep 6;2(5):e00179-11. doi: 10.1128/mBio.00179-11. PMID: 21896678; PMCID: PMC3171984.
476. Punpanich W, Groome M, Muhe L, Qazi SA, **Madhi SA.** Systematic review on the etiology and antibiotic treatment of pneumonia in human immunodeficiency virus-infected children. Pediatr Infect Dis J. 2011 Oct;30(10):e192-202. doi: 10.1097/INF.0b013e31822d989c. PMID: 21857264.
477. Nunes MC, **Madhi SA.** Review on the immunogenicity and safety of PCV-13 in infants and toddlers. Expert Rev Vaccines. 2011 Jul;10(7):951-80. doi: 10.1586/erv.11.76. PMID: 21806394.
478. **Madhi SA,** Violari A, Klugman KP, Lin G, McIntyre JA, von Gottberg A, Jean-Philippe P, Cotton MF, Adrian P; CIPRA 4 team. Inferior quantitative and qualitative immune responses to pneumococcal conjugate vaccine in infants with nasopharyngeal colonization by Streptococcus pneumoniae during the primary series of immunization. Vaccine. 2011 Sep 16;29(40):6994-7001. doi: 10.1016/j.vaccine.2011.07.035. Epub 2011 Jul 23. PMID: 21787822; PMCID: PMC3167924.
479. Kasambira TS, Shah M, Adrian PV, Holshouser M, **Madhi SA,** Chaisson RE, Martinson NA, Dorman SE. QuantiFERON-TB Gold In-Tube for the detection of Mycobacterium tuberculosis infection in children with household tuberculosis contact. Int J Tuberc Lung Dis. 2011 May;15(5):628-34. doi: 10.5588/ijtld.10.0555. PMID: 21756513.
480. Plotkin SA, Liese J, **Madhi SA,** Ortiz E. A DTaP-IPV//PRP∼T vaccine (Pentaxim): a review of 16 years' clinical experience. Expert Rev Vaccines. 2011 Jul;10(7):981-1005. doi: 10.1586/erv.11.72. Epub 2011 Jul 12. PMID: 21749196.
481. **Madhi SA,** Nachman S, Violari A, Kim S, Cotton MF, Bobat R, Jean-Philippe P, McSherry G, Mitchell C; P1041 Study Team. Primary isoniazid prophylaxis against tuberculosis in HIV-exposed children. N Engl J Med. 2011 Jul 7;365(1):21-31. doi: 10.1056/NEJMoa1011214. PMID: 21732834; PMCID: PMC3164539.
482. **Madhi SA,** Cutland C, Jones S, Groome M, Ortiz E. Immunogenicity and safety of an acellular pertussis, diphtheria, tetanus, inactivated poliovirus, Hib-conjugate combined vaccine (Pentaxim) and monovalent hepatitis B vaccine at 6, 10 and 14 weeks of age in infants in South Africa. S Afr Med J. 2011 Feb;101(2):126-31. doi: 10.7196/samj.4401. PMID: 21678741.
483. Rees H, **Madhi SA.** Will the Decade of Vaccines mean business as usual? Lancet. 2011 Jul 30;378(9789):382-5. doi: 10.1016/S0140-6736(11)60710-1. Epub 2011 Jun 12. PMID: 21664683.
484. Rudan I, Chopra M, Aulchenko Y, Baqui AH, Bhutta ZA, Edmond K, Horta BL, Klugman KP, Lanata CF, **Madhi SA,** Nair H, Qureshi Z, Rubens C, Theodoratou E, Victora CG, Wang W, Weber MW, Wilson JF, Zgaga L, Campbell H. The case for launch of an international DNA-based birth cohort study. J Glob Health. 2011 Jun;1(1):39-45. PMID: 23198101; PMCID: PMC3484746.
485. Webster J, Theodoratou E, Nair H, Seong AC, Zgaga L, Huda T, Johnson HL, **Madhi SA,** Rubens C, Zhang JS, El Arifeen S, Krause R, Jacobs TA, Brooks AW, Campbell H, Rudan I. An evaluation of emerging vaccines for childhood pneumococcal pneumonia. BMC Public Health. 2011 Apr 13;11 Suppl 3(Suppl 3):S26. doi: 10.1186/1471-2458-11-S3-S26. PMID: 21501444; PMCID: PMC3231900.
486. Madzivhandila M, Adrian PV, Cutland CL, Kuwanda L, Schrag SJ, **Madhi SA.** Serotype distribution and invasive potential of group B streptococcus isolates causing disease in infants and colonizing maternal-newborn dyads. PLoS One. 2011 Mar 21;6(3):e17861. doi: 10.1371/journal.pone.0017861. PMID: 21445302; PMCID: PMC3061872.
487. Rouphael N, Steyn S, Bangert M, Sampson JS, Adrian P, **Madhi SA,** Klugman KP, Ades EW. Use of 2 pneumococcal common protein real-time polymerase chain reaction assays in healthy children colonized with Streptococcus pneumoniae. Diagn Microbiol Infect Dis. 2011 Aug;70(4):452-4. doi: 10.1 016/j.diagmicrobio.2010.09.006. Epub 2011 Mar 12. PMID: 21397430.
488. Klugman KP, **Madhi SA,** Adegbola RA, Cutts F, Greenwood B, Hausdorff WP. Timing of serotype 1 pneumococcal disease suggests the need for evaluation of a booster dose. Vaccine. 2011 Apr 18;29(18):3372-3. doi: 10.1016/j.vaccine.2011.02.089. Epub 2011 Mar 9. PMID: 21396901.
489. **Madhi SA,** Mitha I, Cutland C, Groome M, Santos-Lima E. Immunogenicity and safety of an investigational fully liquid hexavalent combination vaccine versus licensed combination vaccines at 6, 10, and 14 weeks of age in healthy South African infants. Pediatr Infect Dis J. 2011 Apr;30(4):e68-74. doi: 10.1097/INF.0b013e31820b93d2. PMID: 21289531.
490. Fairlie L, Beylis NC, Reubenson G, Moore DP, **Madhi SA.** High prevalence of childhood multi-drug resistant tuberculosis in Johannesburg, South Africa: a cross sectional study. BMC Infect Dis. 2011 Jan 26;11:28. doi: 10.1186/1471-2334-11-28. PMID: 21269475; PMCID: PMC3045316.
491. Nunes MC, von Gottberg A, de Gouveia L, Cohen C, Moore DP, Klugman KP, **Madhi SA.** The impact of antiretroviral treatment on the burden of invasive pneumococcal disease in South African children: a time series analysis. AIDS. 2011 Feb 20;25(4):453-62. doi: 10.1097/QAD.0b013e328341b7f1. PMID: 21178754.
492. Moore DP, Klugman KP, **Madhi SA.** Role of Streptococcus pneumoniae in hospitalization for acute community-acquired pneumonia associated with culture- confirmed Mycobacterium tuberculosis in children: a pneumococcal conjugate vaccine probe study. Pediatr Infect Dis J. 2010 Dec;29(12):1099-04. doi: 10.1097/inf.0b013e3181eaefff. PMID: 21155174.
493. **Madhi SA,** Maskew M, Koen A, Kuwanda L, Besselaar TG, Naidoo D, Cohen C, Valette M, Cutland CL, Sanne I. Trivalent inactivated influenza vaccine in African adults infected with human immunodeficient virus: double blind, randomized clinical trial of efficacy, immunogenicity, and safety. Clin Infect Dis. 2011 Jan 1;52(1):128-37. doi: 10.1093/cid/ciq004. PMID: 21148531.
494. Laughton B, Springer P, Grove D, Seedat S, Cornell M, Kidd M, **Madhi SA,** Cotton M. Longitudinal developmental profile of children from low socio-economic Circumstances in Cape Town, using the 1996 Griffiths Mental Development Scales. SAJCH. 2010 Dec;4(4):106-111. PMID: 22984637; PMCID: PMC3439644.
495. Cohen C, Simonsen L, Kang JW, Miller M, McAnerney J, Blumberg L, Schoub B, **Madhi SA,** Viboud C. Elevated influenza-related excess mortality in South African elderly individuals, 1998-2005. Clin Infect Dis. 2010 Dec 15;51(12):1362-9. doi: 10.1086/657314. Epub 2010 Nov 11. PMID: 21070141; PMCID: PMC3106243.
496. Steele AD, **Madhi SA,** Louw CE, Bos P, Tumbo JM, Werner CM, Bicer C, De Vos B, Delem A, Han HH. Safety, Reactogenicity, and Immunogenicity of Human Rotavirus Vaccine RIX4414 in Human Immunodeficiency Virus-positive Infants in South Africa. Pediatr Infect Dis J. 2011 Feb;30(2):125-30. doi: 10.1097/INF.0b013e3181f42db9. PMID: 20842070.
497. **Madhi SA,** Adrian P, Cotton MF, McIntyre JA, Jean-Philippe P, Meadows S, Nachman S, Käyhty H, Klugman KP, Violari A; Comprehensive International Program of Research on AIDS 4 Study Team. Effect of HIV infection status and anti- retroviral treatment on quantitative and qualitative antibody responses to pneumococcal conjugate vaccine in infants. J Infect Dis. 2010 Aug 15;202(3):355-61. doi: 10.1086/653704. PMID: 20583920; PMCID: PMC2902789.
498. Hartley C, Pretorius K, Mohamed A, Laughton B, **Madhi SA,** Cotton MF, Steyn B, Seedat S. Maternal postpartum depression and infant social withdrawal among human immunodeficiency virus (HIV) positive mother-infant dyads. Psychol Health Med. 2010 May;15(3):278-87. doi: 10.1080/13548501003615258. PMID: 20480433.
499. Green RJ, Zar HJ, Jeena PM, **Madhi SA,** Lewis H. South African guideline for the diagnosis, management and prevention of acute viral bronchiolitis in children. S Afr Med J. 2010 May 4;100(5):320, 322-5. doi: 10.7196/samj.4016. PMID: 20460028.
500. Schoub BD, Ngcobo NJ, Madhi S. The National Advisory Group on Immunization (NAGI) of the Republic of South Africa. Vaccine. 2010 Apr 19;28 Suppl 1:A31-4. doi: 10.1016/j.vaccine.2010.02.029. PMID: 20412993.
501. Nair H, Nokes DJ, Gessner BD, Dherani M, **Madhi SA,** Singleton RJ, O'Brien KL, Roca A, Wright PF, Bruce N, Chandran A, Theodoratou E, Sutanto A, Sedyaningsih ER, Ngama M, Munywoki PK, Kartasasmita C, Simões EA, Rudan I, Weber MW, Campbell H. Global burden of acute lower respiratory infections due to respiratory syncytial virus in young children: a systematic review and meta- analysis. Lancet. 2010 May 1;375(9725):1545-55. doi: 10.1016/S0140-6736(10)60206-1. PMID: 20399493; PMCID: PMC2864404.
502. Theodoratou E, Johnson S, Jhass A, **Madhi SA,** Clark A, Boschi-Pinto C, Bhopal S, Rudan I, Campbell H. The effect of Haemophilus influenzae type b and pneumococcal conjugate vaccines on childhood pneumonia incidence, severe morbidity and mortality. Int J Epidemiol. 2010 Apr;39 Suppl 1(Suppl 1):i172-85. doi: 10.1093/ije/dyq033. PMID: 20348119; PMCID: PMC2845872.
503. **Madhi SA,** Cunliffe NA, Steele D, Witte D, Kirsten M, Louw C, Ngwira B,Victor JC, Gillard PH, Cheuvart BB, Han HH, Neuzil KM. Effect of human rotavirus vaccine on severe diarrhea in African infants. N Engl J Med. 2010 Jan 28;362(4):289-98. doi: 10.1056/NEJMoa0904797. PMID: 20107214.
504. Mangtani P, Mulholland K, **Madhi SA,** Edmond K, O'Loughlin R, Hajjeh R. Haemophilus influenzae type b disease in HIV-infected children: a review of the disease epidemiology and effectiveness of Hib conjugate vaccines. Vaccine. 2010 Feb 17;28(7):1677-83. doi: 10.1016/j.vaccine.2009.12.011. Epub 2009 Dec 22. PMID: 20034606.
505. Nohynek H, **Madhi SA,** Grijalva CG. Childhood bacterial respiratory diseases: past, present, and future. Pediatr Infect Dis J. 2009 Oct;28(10 Suppl):S127-32. doi: 10.1097/INF.0b013e3181b6d800. PMID: 19918135.
506. Poolman JT, Frasch CE, Käyhty H, Lestrate P, **Madhi SA,** Henckaerts I. Evaluation of pneumococcal polysaccharide immunoassays using a 22F adsorption step with serum samples from infants vaccinated with conjugate vaccines. Clin Vaccine Immunol. 2010 Jan;17(1):134-42. doi: 10.1128/CVI.00289-09. Epub 2009 Nov 4. PMID: 19889940; PMCID: PMC2812097.
507. Mothibeli KM, du Plessis M, von Gottberg A, de Gouveia L, Adrian P, **Madhi SA,** Klugman KP; Group for Enteric, Respiratory and Meningeal Disease Surveillance in South Africa (GERMS-SA). An unusual pneumococcal sequence type is the predominant cause of serotype 3 invasive disease in South Africa. J Clin Microbiol. 2010 Jan;48(1):184-91. doi: 10.1128/JCM.01011-09. Epub 2009 Nov 4. PMID: 19889905; PMCID: PMC2812282.
508. Cutland CL, **Madhi SA,** Zell ER, Kuwanda L, Laque M, Groome M, Gorwitz R, Thigpen MC, Patel R, Velaphi SC, Adrian P, Klugman K, Schuchat A, Schrag SJ; PoPS Trial Team. Chlorhexidine maternal-vaginal and neonate body wipes in sepsis and vertical transmission of pathogenic bacteria in South Africa: a randomised, controlled trial. Lancet. 2009 Dec 5;374(9705):1909-16. doi: 10.1016/S0140-6736(09)61339-8. Epub 2009 Oct 19. PMID: 19846212.
509. Steele AD, Cunliffe N, Tumbo J, **Madhi SA,** De Vos B, Bouckenooghe A. A review of rotavirus infection in and vaccination of human immunodeficiency virus-infected children. J Infect Dis. 2009 Nov 1;200 Suppl 1:S57-62. doi: 10.1086/605027. PMID: 19817615.
510. Klugman KP, Chien YW, **Madhi SA.** Pneumococcal pneumonia and influenza: a deadly combination. Vaccine. 2009 Aug 21;27 Suppl 3:C9-C14. doi: 10.1016/j.vaccine.2009.06.007. PMID: 19683658.
511. Bracco Neto H, Farhat CK, Tregnaghi MW, **Madhi SA,** Razmpour A, Palladino G, Small MG, Gruber WC, Forrest BD; D153-P504 LAIV Study Group. Efficacy and safety of 1 and 2 doses of live attenuated influenza vaccine in vaccine-naive children. Pediatr Infect Dis J. 2009 May;28(5):365-71. doi: 10.1097/INF.0b013e31819219b8. PMID: 19395948.
512. **Madhi SA,** Klugman KP, Kuwanda L, Cutland C, Käyhty H, Adrian P. Quantitative and qualitative anamnestic immune responses to pneumococcal conjugate vaccine in HIV-infected and HIV-uninfected children 5 years after vaccination. J Infect Dis. 2009 Apr 15;199(8):1168-76. doi: 10.1086/597388. PMID: 19265481.
513. Violari A, Cotton MF, Gibb DM, Babiker AG, Steyn J, **Madhi SA,** Jean-Philippe P, McIntyre JA; CHER Study Team. Early antiretroviral therapy and mortality among HIV-infected infants. N Engl J Med. 2008 Nov 20;359(21):2233-44. doi: 10.1056/NEJMoa0800971. PMID: 19020325; PMCID: PMC2950021.
514. Klugman KP, **Madhi SA,** Albrich WC. Novel approaches to the identification of Streptococcus pneumoniae as the cause of community-acquired pneumonia. Clin Infect Dis. 2008 Dec 1;47 Suppl 3:S202-6. doi: 10.1086/591405. PMID: 18986290.
515. **Madhi SA,** Schoub B, Klugman KP. Interaction between influenza virus and Streptococcus pneumoniae in severe pneumonia. Expert Rev Respir Med. 2008 Oct;2(5):663-72. doi: 10.1586/17476348.2.5.663. PMID: 20477301.
516. **Madhi SA,** Whitney CG, Nohynek H. Lessons learned from clinical trials Evaluating pneumococcal conjugate vaccine efficacy against pneumonia and invasive disease. Vaccine. 2008 Jun 16;26 Suppl 2:B9-B15. doi: 10.1016/j.vaccine.2008.06.001. PMID: 18793605.
517. du Plessis M, von Gottberg A, **Madhi SA,** Hattingh O, de Gouveia L, Klugman KP; Group for Enteric, Respiratory and Meningeal Disease Surveillance in South Africa (GERMS-SA). Serotype 6C is associated with penicillin-susceptible meningeal infections in human immunodeficiency virus (HIV)-infected adults among invasive pneumococcal isolates previously identified as serotype 6A in South Africa. Int J Antimicrob Agents. 2008 Nov;32 Suppl 1:S66-70. doi: 10.1016/j.ijantimicag.2008.06.002. Epub 2008 Aug 23. PMID: 18723328.
518. Zar HJ, **Madhi SA.** Pneumococcal conjugate vaccine--a health priority. S Afr Med J. 2008 Jun;98(6):463-7. PMID: 18683380.
519. Green RJ, Feldman C, Schoub B, Richards GA, **Madhi SA,** Zar HJ, Lalloo U; Guideline Committee of 1999, Klugman K, Phillips D, Cameron NA, Eggers RR. Influenza guideline for South Africa--update 2008. S Afr Med J. 2008 Mar;98(3 Pt 2):224-30. PMID: 18652399.
520. **Madhi SA,** Levine OS, Hajjeh R, Mansoor OD, Cherian T. Vaccines to prevent pneumonia and improve child survival. Bull World Health Organ. 2008 May;86(5):365-72. doi: 10.2471/blt.07.044503. PMID: 18545739; PMCID: PMC2647441.
521. Edginton ME, Rakgokong L, Verver S, **Madhi SA,** Koornhof HJ, Wong ML, Hodkinson HJ. Tuberculosis culture testing at a tertiary care hospital: options for improved management and use for treatment decisions. Int J Tuberc Lung Dis. 2008 Jul;12(7):786-91. PMID: 18544205.
522. Cooper PA, **Madhi SA,** Huebner RE, Mbelle N, Karim SS, Kleinschmidt I, Forrest BD, Klugman KP. Apnea and its possible relationship to immunization in ex-premature infants. Vaccine. 2008 Jun 25;26(27-28):3410-3. doi: 10.1016/j.vaccine.2008.04.037. Epub 2008 May 5. PMID: 18490084.
523. **Madhi SA,** Adrian P, Kuwanda L, Cutland C, Albrich WC, Klugman KP. Long-term effect of pneumococcal conjugate vaccine on nasopharyngeal colonization by Streptococcus pneumoniae--and associated interactions with Staphylococcus aureus and Haemophilus influenzae colonization--in HIV-Infected and HIV-uninfected children. J Infect Dis. 2007 Dec 1;196(11):1662-6. doi: 10.1086/522164. Epub 2007 Oct 25. PMID: 18008250.
524. **Madhi SA,** Ludewick H, Kuwanda L, van Niekerk N, Cutland C, Klugman KP. Seasonality, incidence, and repeat human metapneumovirus lower respiratory tract infections in an area with a high prevalence of human immunodeficiency virus type-1 infection. Pediatr Infect Dis J. 2007 Aug;26(8):693-9. doi: 10.1097/INF.0b013e3180621192. PMID: 17848880.
525. **Madhi SA,** Albrich W. WHO guidelines for treatment of severe pneumonia. Lancet. 2007 Aug 4;370(9585):386-7. doi: 10.1016/S0140-6736(07)61188-X. PMID: 17679011.
526. Albrich WC, **Madhi SA,** Lafond KE, Klugman KP. Herd immunity after pneumococcal conjugate vaccination. Lancet. 2007 Jul 21;370(9583):218-219. doi: 10.1016/S0140-6736(07)61119-2. PMID: 17658389.
527. Klugman KP, **Madhi SA.** Pneumococcal vaccines and flu preparedness. Science. 2007 Apr 6;316(5821):49-50. doi: 10.1126/science.316.5821.49c. PMID: 17412937.
528. Siber GR, Chang I, Baker S, Fernsten P, O'Brien KL, Santosham M, Klugman KP, **Madhi SA,** Paradiso P, Kohberger R. Estimating the protective concentration of anti-pneumococcal capsular polysaccharide antibodies. Vaccine. 2007 May 10;25(19):3816-26. doi: 10.1016/j.vaccine.2007.01.119. Epub 2007 Feb 21. PMID: 17368878.
529. Klugman KP, **Madhi SA,** Feldman C. HIV and pneumococcal disease. Curr Opin Infect Dis. 2007 Feb;20(1):11-5. doi: 10.1097/QCO.0b013e328012c5f1. PMID: 17197876.
530. von Gottberg A, de Gouveia L, **Madhi SA,** du Plessis M, Quan V, Soma K, Huebner R, Flannery B, Schuchat A, Klugman K. Impact of conjugate Haemophilus influenzae type b (Hib) vaccine introduction in South Africa. Bull World Health Organ. 2006 Oct;84(10):811-8. doi: 10.2471/blt.06.030361. PMID: 17128361; PMCID: PMC2627490.
531. Zar HJ, **Madhi SA.** Childhood pneumonia--progress and challenges. S Afr Med J. 2006 Sep;96(9 Pt 2):890-900. PMID: 17077915.
532. **Madhi SA,** Adrian P, Kuwanda L, Jassat W, Jones S, Little T, Soininen A, Cutland C, Klugman KP. Long-term immunogenicity and efficacy of a 9-valent conjugate pneumococcal vaccine in human immunodeficient virus infected and non-infected children in the absence of a booster dose of vaccine. Vaccine. 2007 Mar 22;25(13):2451-7. doi: 10.1016/j.vaccine.2006.09.019. Epub 2006 Sep 20. PMID: 17023095.
533. **Madhi SA,** Klugman KP. World Health Organisation definition of "radiologically-confirmed pneumonia" may under-estimate the true public health value of conjugate pneumococcal vaccines. Vaccine. 2007 Mar 22;25(13):2413-9. doi: 10.1016/j.vaccine.2006.09.010. Epub 2006 Sep 18. PMID: 17005301.
534. Levine OS, O'Brien KL, Knoll M, Adegbola RA, Black S, Cherian T, Dagan R, Goldblatt D, Grange A, Greenwood B, Hennessy T, Klugman KP, **Madhi SA,** Mulholland K, Nohynek H, Santosham M, Saha SK, Scott JA, Sow S, Whitney CG, Cutts F. Pneumococcal vaccination in developing countries. Lancet. 2006 Jun 10;367(9526):1880-2. doi: 10.1016/S0140-6736(06)68703-5. PMID: 16765742.
535. **Madhi SA,** Kuwanda L, Cutland C, Klugman KP. Five-year cohort study of hospitalization for respiratory syncytial virus associated lower respiratory tract infection in African children. J Clin Virol. 2006 Jul;36(3):215-21. doi: 10.1016/j.jcv.2006.03.010. Epub 2006 May 5. PMID: 16678480.
536. **Madhi SA,** Ludewick H, Kuwanda L, Niekerk Nv, Cutland C, Little T, Klugman KP. Pneumococcal coinfection with human metapneumovirus. J Infect Dis. 2006 May 1;193(9):1236-43. doi: 10.1086/503053. Epub 2006 Mar 17. PMID: 16586360.
537. Obaro SK, **Madhi SA.** Bacterial pneumonia vaccines and childhood pneumonia: are we winning, refining, or redefining? Lancet Infect Dis. 2006 Mar;6(3):150-61. doi: 10.1016/S1473-3099(06)70411-X. PMID: 16500596; PMCID: PMC7106399.
538. Zar HJ, Jeena P, Argent A, Gie R, **Madhi SA;** Working Groups of the Paediatric Assembly of the South African Thoracic Society. Diagnosis and management of community-acquired pneumonia in childhood--South African Thoracic Society Guidelines. S Afr Med J. 2005 Dec;95(12 Pt 2):977-81, 984-90. PMID: 16482985.
539. Van Rie A, **Madhi SA,** Heera JR, Meddows-Taylor S, Wendelboe AM, Anthony F, Violari A, Tiemessen CT. Gamma interferon production in response to Mycobacterium bovis BCG and Mycobacterium tuberculosis antigens in infants born to human immunodeficiency virus-infected mothers. Clin Vaccine Immunol. 2006 Feb;13(2):246-52. doi: 10.1128/CVI.13.2.246-252.2006. PMID: 16467333; PMCID: PMC1391928.
540. Wright PF, Karron RA, **Madhi SA,** Treanor JJ, King JC, O'Shea A, Ikizler MR, Zhu Y, Collins PL, Cutland C, Randolph VB, Deatly AM, Hackell JG, Gruber WC, Murphy BR. The interferon antagonist NS2 protein of respiratory syncytial virus is an important virulence determinant for humans. J Infect Dis. 2006 Feb 15;193(4):573-81. doi: 10.1086/499600. Epub 2006 Jan 19. PMID: 16425137.
541. **Madhi SA,** Cutland C, Zhu Y, Hackell JG, Newman F, Blackburn N, Murphy BR, Belshe RB, Karron RA, Deatly AM, Gruber WC, Bernstein DI, Wright PF. Transmissibility, infectivity and immunogenicity of a live human parainfluenza type 3 virus vaccine (HPIV3cp45) among susceptible infants and toddlers. Vaccine. 2006 Mar 20;24(13):2432-9. doi: 10.1016/j.vaccine.2005.12.002. Epub 2005 Dec 20. PMID: 16406170.
542. **Madhi SA,** Kohler M, Kuwanda L, Cutland C, Klugman KP. Usefulness of C-reactive protein to define pneumococcal conjugate vaccine efficacy in the prevention of pneumonia. Pediatr Infect Dis J. 2006 Jan;25(1):30-6. doi: 10.1097/01.inf.0000195787.99199.4a. Erratum in: Pediatr Infect Dis J. 2007 May;26(5):458. PMID: 16395099.
543. **Madhi SA,** Klugman KP. Acute Respiratory Infections. In: Jamison DT, Feachem RG, Makgoba MW, Bos ER, Baingana FK, Hofman KJ, Rogo KO, editors. Disease and Mortality in Sub-Saharan Africa. 2nd ed. Washington (DC): The International Bank for Reconstruction and Development / The World Bank; 2006. Chapter 11. PMID: 21290644.
544. **Madhi SA,** Kuwanda L, Saarinen L, Cutland C, Mothupi R, Käyhty H, Klugman KP. Immunogenicity and effectiveness of Haemophilus influenzae type b conjugate vaccine in HIV infected and uninfected African children. Vaccine. 2005 Dec 1;23(48-49):5517-25. doi: 10.1016/j.vaccine.2005.07.038. Epub 2005 Aug 1. PMID: 16107294.
545. Ludewick HP, Abed Y, van Niekerk N, Boivin G, Klugman KP, **Madhi SA.** Human metapneumovirus genetic variability, South Africa. Emerg Infect Dis. 2005 Jul;11(7):1074-8. doi: 10.3201/eid1107.050050. PMID: 16022783; PMCID: PMC3371776.
546. Cherian T, Mulholland EK, Carlin JB, Ostensen H, Amin R, de Campo M, Greenberg D, Lagos R, Lucero M, **Madhi SA,** O'Brien KL, Obaro S, Steinhoff MC. Standardized interpretation of paediatric chest radiographs for the diagnosis of pneumonia in epidemiological studies. Bull World Health Organ. 2005 May;83(5):353-9. Epub 2005 Jun 24. PMID: 15976876; PMCID: PMC2626240.
547. **Madhi SA,** Kuwanda L, Cutland C, Holm A, Käyhty H, Klugman KP. Quantitative and qualitative antibody response to pneumococcal conjugate vaccine among African human immunodeficiency virus-infected and uninfected children. Pediatr Infect Dis J. 2005 May;24(5):410-6. doi: 10.1097/01.inf.0000160942.84169.14. PMID: 15876939.
548. **Madhi SA,** Kuwanda L, Cutland C, Klugman KP. The impact of a 9-valent pneumococcal conjugate vaccine on the public health burden of pneumonia in HIV-infected and -uninfected children. Clin Infect Dis. 2005 May 15;40(10):1511-8. oi: 10.1086/429828. Epub 2005 Apr 7. PMID: 15844075.
549. **Madhi SA,** Heera JR, Kuwanda L, Klugman KP. Use of procalcitonin and C-reactive protein to evaluate vaccine efficacy against pneumonia. PLoS Med. 2005 Feb;2(2):e38. doi: 10.1371/journal.pmed.0020038. Epub 2005 Feb 22. PMID: 15736995; PMCID: PMC549587.
550. **Madhi SA,** Zar HJ, Saloojee H, Gray GE. Co-trimoxazole prophylaxis in African children with HIV-1. Lancet. 2005 Feb 26-Mar 4;365(9461):749-50; author reply 750-1. doi: 10.1016/S0140-6736(05)17974-4. PMID: 15733707.
551. Belshe RB, Newman FK, Anderson EL, Wright PF, Karron RA, Tollefson S, Henderson FW, Meissner HC, **Madhi SA,** Roberton D, Marshall H, Loh R, Sly P, Murphy B, Tatem JM, Randolph V, Hackell J, Gruber W, Tsai TF. Evaluation of combined live, attenuated respiratory syncytial virus and parainfluenza 3 virus vaccines in infants and young children. J Infect Dis. 2004 Dec 15;190(12):2096-103. doi: 10.1086/425981. Epub 2004 Nov 8. PMID: 15551207.
552. Klugman KP, **Madhi SA.** Oral antibiotics for the treatment of severe pneumonia in children. Lancet. 2004 Sep 25-Oct 1;364(9440):1104-5. doi: 10.1016/S0140-6736(04)17116-X. PMID: 15451204.
553. Martin M, Casellas JM, **Madhi SA,** Urquhart TJ, Delport SD, Ferrero F, Chamany S, Dayan GH, Rose CE, Levine OS, Klugman KP, Feikin DR. Impact of haemophilus influenzae type b conjugate vaccine in South Africa and Argentina. Pediatr Infect Dis J. 2004 Sep;23(9):842-7. doi: 10.1097/01.inf.0000137575.82874.0c. PMID: 15361724.
554. **Madhi SA,** Klugman KP; Vaccine Trialist Group. A role for Streptococcus pneumoniae in virus-associated pneumonia. Nat Med. 2004 Aug;10(8):811-3. doi: 10.1038/nm1077. Epub 2004 Jul 11. PMID: 15247911; PMCID: PMC7095883.
555. Brink AJ, Cotton MF, Feldman C, Geffen L, Hendson W, Hockman MH, Maartens G, **Madhi SA,** Mutua-Mpungu M, Swingler GH; Working Group of the Infectious Diseases Society of South Africa. Guideline for the management of upper respiratory tract infections. S Afr Med J. 2004 Jun;94(6 Pt 2):475-83. PMID: 15244257.
556. Kristensen IA, Thiel S, Steffensen R, **Madhi SA,** Sorour G, Olsen J. Mannan- binding lectin and RSV lower respiratory tract infection leading to hospitalization in children: a case-control study from Soweto, South Africa. Scand J Immunol. 2004 Jul-Aug;60(1-2):184-8. doi: 10.1111/j.0300-9475.2004.01466.x. PMID: 15238088.
557. Boivin G, Mackay I, Sloots TP, **Madhi SA,** Freymuth F, Wolf D, Shemer-Avni Y, Ludewick H, Gray GC, LeBlanc E. Global genetic diversity of human metapneumovirus fusion gene. Emerg Infect Dis. 2004 Jun;10(6):1154-7. doi: 10.3201/eid1006.031097. PMID: 15207075; PMCID: PMC3323143.
558. Buie KA, Klugman KP, von Gottberg A, Perovic O, Karstaedt A, Crewe-Brown HH, **Madhi SA,** Feldman C. Gender as a risk factor for both antibiotic resistance and infection with pediatric serogroups/serotypes, in HIV-infected and -uninfected adults with pneumococcal bacteremia. J Infect Dis. 2004 Jun 1;189(11):1996-2000. doi: 10.1086/386548. Epub 2004 May 12. PMID: 15143465.
559. Cotton MF, Schaaf HS, Hesseling AC, **Madhi SA.** HIV and childhood tuberculosis: the way forward. Int J Tuberc Lung Dis. 2004 May;8(5):675-82. PMID: 15137551.
560. **Madhi SA,** Ismail K, O'Reilly C, Cutland C. Importance of nosocomial respiratory syncytial virus infections in an African setting. Trop Med Int Health. 2004 Apr;9(4):491-8. doi: 10.1111/j.1365-3156.2004.01221.x. PMID: 15078268.
561. **Madhi SA,** Ludewick H, Abed Y, Klugman KP, Boivin G. Human metapneumovirus- associated lower respiratory tract infections among hospitalized human immunodeficiency virus type 1 (HIV-1)-infected and HIV-1-uninfected African infants. Clin Infect Dis. 2003 Dec 15;37(12):1705-10. doi: 10.1086/379771. Epub 2003 Nov 19. Erratum in: Clin Infect Dis. 2004 Apr 15;38(8):1201. PMID: 14689355; PMCID: PMC7109767.
562. Klugman KP, **Madhi SA,** Huebner RE, Kohberger R, Mbelle N, Pierce N; Vaccine Trialists Group. A trial of a 9-valent pneumococcal conjugate vaccine in children with and those without HIV infection. N Engl J Med. 2003 Oct 2;349(14):1341-8. doi: 10.1056/NEJMoa035060. PMID: 14523142.
563. **Madhi SA,** Venter M, Alexandra R, Lewis H, Kara Y, Karshagen WF, Greef M, Lassen C. Respiratory syncytial virus associated illness in high-risk children and national characterisation of the circulating virus genotype in South Africa. J Clin Virol. 2003 Jul;27(2):180-9. doi: 10.1016/s1386-6532(02)00174-9. PMID: 12829040.
564. **Madhi SA,** Radebe K, Crewe-Brown H, Frasch CE, Arakere G, Mokhachane M, Kimura A. High burden of invasive Streptococcus agalactiae disease in South African infants. Ann Trop Paediatr. 2003 Mar;23(1):15-23. doi: 10.1179/000349803125002814. PMID: 12648320.
565. **Madhi SA,** Cutland C, Ismail K, O'Reilly C, Mancha A, Klugman KP. Ineffectiveness of trimethoprim-sulfamethoxazole prophylaxis and the importance of bacterial and viral coinfections in African children with Pneumocystis carinii pneumonia. Clin Infect Dis. 2002 Nov 1;35(9):1120-6. doi: 10.1086/343049. Epub 2002 Oct 7. PMID: 12384847.
566. Lala SG, **Madhi SA,** Pettifor JM. The discriminative value of C-reactive protein levels in distinguishing between community-acquired bacteraemic and respiratory virus-associated lower respiratory tract infections in HIV-1-infected and -uninfected children. Ann Trop Paediatr. 2002 Sep;22(3):271-9. doi: 10.1179/027249302125001570. PMID: 12369494.
567. **Madhi SA,** Ramasamy N, Petersen K, Madhi A, Klugman KP. Severe lower respiratory tract infections associated with human parainfluenza viruses 1-3 in children infected and noninfected with HIV type 1. Eur J Clin Microbiol Infect Dis. 2002 Jul;21(7):499-505. doi: 10.1007/s10096-002-0754-9. Epub 2002 Jun 29. PMID: 12172740.
568. **Madhi SA,** Cumin E, Klugman KP. Defining the potential impact of conjugate bacterial polysaccharide-protein vaccines in reducing the burden of pneumonia in human immunodeficiency virus type 1-infected and -uninfected children. Pediatr Infect Dis J. 2002 May;21(5):393-9. doi: 10.1097/00006454-200205000-00009. PMID: 12150175.
569. **Madhi SA,** Petersen K, Khoosal M, Huebner RE, Mbelle N, Mothupi R, Saloojee H, Crewe-Brown H, Klugman KP. Reduced effectiveness of Haemophilus influenzae type b conjugate vaccine in children with a high prevalence of human immunodeficiency virus type 1 infection. Pediatr Infect Dis J. 2002 Apr;21(4):315-21. doi: 10.1097/00006454-200204000-00011. PMID: 12075763.
570. **Madhi SA,** Ramasamy N, Bessellar TG, Saloojee H, Klugman KP. Lower respiratory tract infections associated with influenza A and B viruses in an area with a high prevalence of pediatric human immunodeficiency type 1 infection. Pediatr Infect Dis J. 2002 Apr;21(4):291-7. doi: 10.1097/00006454-200204000-00007. PMID: 12075759.
571. Abdool Karim S, Abdool Karim Q, Adhikari M, Cassol S, Chersich M, Cooper P, Coovadia A, Coovadia H, Cotton M, Coutsoudis A, Hide W, Hussey G, Maartens G, **Madhi SA,** Martin D, Pettifor JM, Rollins N, Sherman G, Thula S, Urban M, Velaphi S, Williamson C. Vertical HIV transmission in South Africa: translating research into policy and practice. Lancet. 2002 Mar 23;359(9311):992-3. doi: 10.1016/s0140-6736(02)08063-7. PMID: 11937176.
572. **Madhi SA.** Vaccination of the HIV-1 infected child. SADJ. 2001 Dec;56(12):610-3. PMID: 11887449.
573. Ruffini DD, **Madhi SA.** The high burden of Pneumocystis carinii pneumonia in African HIV-1-infected children hospitalized for severe pneumonia. AIDS. 2002 Jan 4;16(1):105-12. doi: 10.1097/00002030-200201040-00013. PMID: 11741168.
574. **Madhi SA,** Madhi A, Petersen K, Khoosal M, Klugman KP. Impact of human immunodeficiency virus type 1 infection on the epidemiology and outcome of bacterial meningitis in South African children. Int J Infect Dis. 2001;5(3):119-25. doi: 10.1016/s1201-9712(01)90085-2. PMID: 11724667.
575. Venter M, **Madhi SA,** Tiemessen CT, Schoub BD. Genetic diversity and molecular epidemiology of respiratory syncytial virus over four consecutive seasons in South Africa: identification of new subgroup A and B genotypes. J Gen Virol. 2001 Sep;82(Pt 9):2117-2124. doi: 10.1099/0022-1317-82-9-2117. PMID: 11514720.
576. **Madhi SA,** Venter M, Madhi A, Petersen MK, Klugman KP. Differing manifestations of respiratory syncytial virus-associated severe lower respiratory tract infections in human immunodeficiency virus type 1-infected and uninfected children. Pediatr Infect Dis J. 2001 Feb;20(2):164-70. doi: 10.1097/00006454-200102000-00010. PMID: 11224836.
577. **Madhi SA,** Petersen K, Madhi A, Wasas A, Klugman KP. Impact of human immunodeficiency virus type 1 on the disease spectrum of Streptococcus pneumoniae in South African children. Pediatr Infect Dis J. 2000 Dec;19(12):1141-7. doi: 10.1097/00006454-200012000-00004. PMID: 11144373.
578. **Madhi SA,** Petersen K, Madhi A, Khoosal M, Klugman KP. Increased disease burden and antibiotic resistance of bacteria causing severe community-acquired lower respiratory tract infections in human immunodeficiency virus type 1-infected children. Clin Infect Dis. 2000 Jul;31(1):170-6. doi: 10.1086/313925. Epub 2000 Jul 25. PMID: 10913417.
579. **Madhi SA,** Schoub B, Simmank K, Blackburn N, Klugman KP. Increased burden of respiratory viral associated severe lower respiratory tract infections in children infected with human immunodeficiency virus type-1. J Pediatr. 2000 Jul;137(1):78-84. doi: 10.1067/mpd.2000.105350. PMID: 10891826.
580. **Madhi SA,** Huebner RE, Doedens L, Aduc T, Wesley D, Cooper PA. HIV-1 co-infection in children hospitalised with tuberculosis in South Africa. Int J Tuberc Lung Dis. 2000 May;4(5):448-54. PMID: 10815739.
581. **Madhi SA,** Klugman KP. Pneumococcal conjugate vaccine--prospects for intervention in children. Semin Respir Infect. 1999 Sep;14(3):285-94. PMID: 10501316.
582. **Madhi SA,** Gray GE, Huebner RE, Sherman G, McKinnon D, Pettifor JM. Correlation between CD4+ lymphocyte counts, concurrent antigen skin test and tuberculin skin test reactivity in human immunodeficiency virus type 1-infected and -uninfected children with tuberculosis. Pediatr Infect Dis J. 1999 Sep;18(9):800-5. doi: 10.1097/00006454-199909000-00011. PMID: 10493341.
583. Klugman KP, **Madhi SA.** Emergence of drug resistance. Impact on bacterial meningitis. Infect Dis Clin North Am. 1999 Sep;13(3):637-46, vii. doi: 10.1016/s0891-5520(05)70098-2. PMID: 10470559.

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| **CHAPTERS IN BOOKS** |

1. Handbook of HIV Medicine. Wilson D, Cotton M, Bekker L, Meyers, T, Venter, F, Maartens, G (Editors). 1 st Edition. **Madhi SA**. Immunization of the HIV-infected child. Chapter 37. Pg 316 -322. 2002 & reprint 2003, 2004. Oxford University Press Southern Africa (Cape Town).
2. Disease And Mortality in Sub-saharan Africa. Jamison DT, Feachem RG, Makgoba MW, Bos ER, Baingana FK, Hofman KJ, Rogo KO (Editors). 2 nd Edition; 2006. **Madhi SA** and Klugman KP. Acute Respiratory Infections. Chapter 11. Pgs 149-162. The World Bank, Washington DC.
3. Emerging Infections 7. WM Scheld, DC Hooper, JM Hughes (Eds.). Klugman KP and **Madhi SA**. Conjugate vaccines as probes to define the burden of pneumococcal and Haemophilus influenzae type b pneumonia as well as the role of viruses in the pathogenesis of pneumonia. Chapter 12. Pgs 215-224. 2006. ASM Press, Washington, DC
4. Child health for all. Immunizations. (ed Kibel M, Saloojee H, Westwood T). Oxford Uinversity Press, Southern Africa (Pty) Ltd. Chapter 14. Pgs 281 – 294. 4th Edition, 2007. ISBN 978 019 576295 6
5. Pneumococcal vaccines: The Impact of Conjugate Vaccine. Siber GR, Klugman KP and Mäkelä HP (Eds). **Madhi SA**, Pelton SI. Epidemiology, diagnosis, and treatment of serious pneumococcal infections in children. Chapter 8. Pg 95-116. ASM Press, Washington, DC. 2008. ISBN 978-1-55581-408-3
6. Pneumococcal vaccines: The Impact of Conjugate Vaccine. Siber GR, Klugman KP and Mäkelä HP (Eds). Klugman KP, Cutts F, Adegbola RA, Black S, **Madhi SA**, O’Brien KL, Santosham M, Shinefield H, Sterne JAC. Meta-analysis of the efficacy of conjugate vaccine against invasive pneumococcal disease. Chapter 21. Pg 317-326. ASM Press, Washington, DC. 2008. ISBN 978-1-55581-408-3
7. Pneumococcal vaccines: The Impact of Conjugate Vaccine. Siber GR, Klugman KP and Mäkelä HP (Eds). **Madhi SA**, Klugman KP. Efficacy and Safety of Conjugate Pneumococcal Vaccine in the Prevention of Pneumonia. Chapter 22. Pg 327-339. ASM Press, Washington, DC. 2008. ISBN 978-1-55581-408-3
8. Coovadia’s Paediatric & Child Health. A manual for health professionals in developing countries. DF Wittenberg (ed). **Madhi SA**. Principles of infections in children. Part 5 Pg 283-311. Oxford University Press; Southern Africa. 2009. Sixth Edition. ISBN: 978 0 19 5988437.
9. Coovadia’s Paediatric & Child Health. A manual for health professionals in developing countries. DF Wittenberg (ed). **Madhi SA**. Systemic infections. Part 5 Pg 312-334. Oxford University Press; Southern Africa. 2009. Sixth Edition. ISBN: 978 0 19 5988437.
10. Coovadia's Paediatrics & Child Health - A Manual For Health Professionals In Developing Countries (7th Revised edition). Green RJ, (ed.) du Plessis NM and **Madhi SA**. Principles of infection in children. 2014.
11. Coovadia's Paediatrics & Child Health - A Manual For Health Professionals In Developing Countries (7th Revised edition). Green RJ, (ed.) Madhi SA. Childhood vaccines. 2014.
12. Coovadia's Paediatrics & Child Health - A Manual For Health Professionals In Developing Countries (7th Revised edition). Green RJ, (ed.) Reubenson G and **Madhi SA**. Systemic infections. 2014.
13. Child Health for All: a Manual for Southern Africa. Westwood T, Saloojee H, Shung-King M, (ed). **Madhi SA**, Saloojee H. Immunisation. Pg 281-294. Cape Town: Oxford University Press, 2021.