

List of Publications | Johns Hopkins Center for American Indian Health

Aronson NE, Santosham M, Comstock GW et al. Long-term efficacy of BCG vaccine in American Indians and Alaska Natives: A 60-year follow-up study. *JAMA* 2004; 291(17):2086-2091.

Barlow A, Walkup JT. Developing mental health services for Native American children. *Child Adolesc Psychiatr Clin N Am* 1998; 7(3):555-77, ix.

Barlow A, Varipatis-Baker E, Speakman K et al. Home-visiting intervention to improve child care among American Indian adolescent mothers: a randomized trial. *Arch Pediatr Adolesc Med* 2006; 160(11):1101-1107.

Barlow A, Walkup J. The First Americans have much to teach us. *J Am Acad Child Adolesc Psych* 2008; 47:843-844.

Barzilay EJ, O'Brien KL, Kwok YS et al. Could a single dose of pneumococcal conjugate vaccine in children be effective? Modeling the optimal age of vaccination. *Vaccine* 2006; 24(7):904-913.

Benin AL, O'Brien KL, Watt JP et al. Effectiveness of the 23-valent polysaccharide vaccine against invasive pneumococcal disease in Navajo adults. *J Infect Dis* 2003; 188(1):81-89.

Benin AL, Watt JP, O'Brien KL et al. Delivering pneumococcal vaccine to a high risk population: the Navajo experience. *Hum Vaccin* 2005; 1(2):66-69.

Bliss SJ, Larzalere-Hinton F, Lacapa R et al. Invasive pneumococcal disease among White Mountain Apache adults, 1991-2005. *Arch Intern Med* 2008; 168(7):749-755.

Bockova J, O'Brien KL, Oski J et al. Respiratory syncytial virus infection in Navajo and White Mountain Apache children. *Pediatrics* 2002; 110(2 Pt 1):e20.

Bronsdon MA, O'Brien KL, Facklam RR, Whitney CG, Schwartz B, Carlone GM. Immunoblot method to detect *Streptococcus pneumoniae* and identify multiple serotypes from nasopharyngeal secretions. *J Clin Microbiol* 2004; 42(4):1596-1600.

Butler JC, Crengle S, Cheek JE et al. Emerging infectious diseases among indigenous peoples. *Emerg Infect Dis* 2001; 7(3 Suppl):554-555.

Cortese MM, Wolff M, Almeida-Hill J, Reid R, Ketcham J, Santosham M. High incidence rates of invasive pneumococcal disease in the White Mountain Apache population. *Arch Intern Med* 1992; 152(11):2277-2282.

Cortese MM, Goepf J, Almeida-Hill J et al. Children with *Haemophilus influenzae* bacteremia initially treated as outpatients: outcome in 85 American Indian children. *Pediatr Infect Dis J* 1992; 11(7):521-525.

Davis SM, Reid R. Practicing participatory research in American Indian communities. *Am J Clin Nutr* 1999; 69(4 Suppl):755S-759S.

Eick A, Croll J, Weatherholtz R, Croll L, Santosham M. Safety and immunogenicity of two octavalent pneumococcal conjugate vaccines in American Indian infants. *Vaccine* 2004; 22(9-10):1260-1264.

Eick A, Karron R, Shaw J et al. The role of neutralizing antibodies in protection of American Indian infants against respiratory syncytial virus disease. *Pediatr Infect Dis J* 2008; 27(3):207-212.

Goepp JG, Katz S, Cuervo E, Reid R, Moran JR, Santosham M. Comparison of two regimens of feeding and oral electrolyte solutions in infants with diarrhea. *J Pediatr Gastroenterol Nutr* 1997; 24(4):374-379.

Harrison LH, Tajkowsky C, Croll J et al. Post-licensure effectiveness of the Haemophilus influenzae type b polysaccharide-Neisseria meningitidis outer-membrane protein complex conjugate vaccine among Navajo children. *J Pediatr* 1994; 125(4):571-576.

Hochman ME, Watt JP, Reid R, O'Brien KL. The prevalence and incidence of end-stage renal disease in Native American adults on the Navajo reservation. *Kidney Int* 2007; 71(9):931-937.

Lacapa R, Bliss SJ, Larzelere-Hinton F et al. Changing epidemiology of invasive pneumococcal disease among White Mountain Apache persons in the era of the pneumococcal conjugate vaccine. *Clin Infect Dis* 2008; 47(4):476-484.

Letson GW, Santosham M, Reid R et al. Comparison of active and combined passive/active immunization of Navajo children against Haemophilus influenzae type b. *Pediatr Infect Dis J* 1988; 7(11):747-752.

Lipsitch M, O'Neill K, Cordy D et al. Strain characteristics of Streptococcus pneumoniae carriage and invasive disease isolates during a cluster-randomized clinical trial of the 7-valent pneumococcal conjugate vaccine. *J Infect Dis* 2007; 196(8):1221-1227.

Losonsky GA, Santosham M, Sehgal VM, Zwahlen A, Moxon ER. Haemophilus influenzae disease in the White Mountain Apaches: molecular epidemiology of a high risk population. *Pediatr Infect Dis* 1984; 3(6):539-547.

Menon S, Santosham M, Reid R, Almeida-Hill J, Sack RB, Comstock GW. Rotavirus diarrhoea in Apache children: a case-control study. *Int J Epidemiol* 1990; 19(3):715-721.

Miernyk K, Parkinson A, Rudolph K et al. Immunogenicity of a Heptavalent Pneumococcal Conjugate Vaccine in Apache and Navajo Indian, Alaska Native, and Non-Native American Children Aged <2 Years. *Clin Infect Dis* 2000; 31:34-41.

Millar EV, O'Brien KL, Levine OS, Kvamme S, Reid R, Santosham M. Toward elimination of Haemophilus influenzae type B carriage and disease among high-risk American Indian children. *Am J Public Health* 2000; 90(10):1550-1554.

Millar EV, O'Brien KL, Watt JP et al. Epidemiology of invasive Haemophilus influenzae type A disease among Navajo and White Mountain Apache children, 1988-2003. *Clin Infect Dis* 2005; 40(6):823-830.

Millar EV, O'Brien KL, Watt JP et al. Effect of community-wide conjugate pneumococcal vaccine use in infancy on nasopharyngeal carriage through 3 years of age: a cross-sectional study in a high-risk population. *Clin Infect Dis* 2006; 43(1):8-15.

Millar EV, O'Brien KL, Bronsdon MA et al. Anticapsular serum antibody concentration and protection against pneumococcal colonization among children vaccinated with 7-valent pneumococcal conjugate vaccine. *Clin Infect Dis* 2007; 44(9):1173-1179.

Millar EV, Watt JP, Bronsdon MA et al. Indirect effect of 7-valent pneumococcal conjugate vaccine on pneumococcal colonization among unvaccinated household members. *Clin Infect Dis* 2008; 47(8):989-996.

Millar EV, O'Brien KL, Zell ER, Bronsdon MA, Reid R, Santosham M. Nasopharyngeal Carriage of *Streptococcus pneumoniae* in Navajo and White Mountain Apache Children Before the Introduction of Pneumococcal Conjugate Vaccine. *Pediatr Infect Dis J* 2009; In Press.

Moulton LH, Wolff MC, Brenneman G, Santosham M. Case-cohort analysis of case-coverage studies of vaccine effectiveness. *Am J Epidemiol* 1995; 142(9):1000-1006.

Moulton LH, Staat MA, Santosham M, Ward RL. The protective effectiveness of natural rotavirus infection in an American Indian population. *J Infect Dis* 1998; 178(6):1562-1566.

Moulton LH, Chung S, Croll J, Reid R, Weatherholtz RC, Santosham M. Estimation of the indirect effect of Haemophilus influenzae type b conjugate vaccine in an American Indian population. *Int J Epidemiol* 2000; 29(4):753-756.

Moulton LH, O'Brien KL, Kohberger R et al. Design of a group-randomized Streptococcus pneumoniae vaccine trial. *Control Clin Trials* 2001; 22(4):438-452.

Moulton LH, O'Brien KL, Reid R, Weatherholtz R, Santosham M, Siber GR. Evaluation of the indirect effects of a pneumococcal vaccine in a community-randomized study. *J Biopharm Stat* 2006; 16(4):453-462.

Newcomer W, Rivin B, Reid R et al. Immunogenicity, safety and tolerability of varying doses and regimens of inactivated hepatitis A virus vaccine in Navajo children. *Pediatr Infect Dis J* 1994; 13(7):640-642.

O'Brien KL, Bronsdon MA, Dagan R et al. Evaluation of a medium (STGG) for transport and optimal recovery of Streptococcus pneumoniae from nasopharyngeal secretions collected during field studies. *J Clin Microbiol* 2001; 39(3):1021-1024.

O'Brien KL, Moulton LH, Reid R et al. Efficacy and safety of seven-valent conjugate pneumococcal vaccine in American Indian children: group randomised trial. *Lancet* 2003; 362(9381):355-361.

O'Brien KL, Santosham M. Potential impact of conjugate pneumococcal vaccines on pediatric pneumococcal diseases. *Am J Epidemiol* 2004; 159(7):634-644.

O'Brien KL, Shaw J, Weatherholtz R et al. Epidemiology of invasive Streptococcus pneumoniae among Navajo children in the era before use of conjugate pneumococcal vaccines, 1989-1996. *Am J Epidemiol* 2004; 160(3):270-278.

O'Brien KL, Hochman M, Goldblatt D. Combined schedules of pneumococcal conjugate and polysaccharide vaccines: is hyporesponsiveness an issue? *Lancet Infect Dis* 2007; 7(9):597-606.

O'Brien KL, Moisi J, Moulton LH et al. Predictors of pneumococcal conjugate vaccine immunogenicity among infants and toddlers in an American Indian PnCRM7 efficacy trial. *J Infect Dis* 2007; 196(1):104-114.

O'Brien KL, Millar EV, Zell ER et al. Effect of pneumococcal conjugate vaccine on nasopharyngeal colonization among immunized and unimmunized children in a community-randomized trial. *J Infect Dis* 2007; 196(8):1211-1220.

O'Brien KL, David AB, Chandran A et al. Randomized, controlled trial efficacy of pneumococcal conjugate vaccine against otitis media among Navajo and White Mountain Apache infants. *Pediatr Infect Dis J* 2008; 27(1):71-73.

O'Brien KL, Moisi J, Romero-Steiner S et al. Pneumococcal antibodies in a child with type 14 pneumococcal conjugate vaccine failure. *Vaccine* 2009; 27(12):1863-1868.

Perez-Perez GI, Sack RB, Reid R, Santosham M, Croll J, Blaser MJ. Transient and persistent Helicobacter pylori colonization in Native American children. *J Clin Microbiol* 2003; 41(6):2401-2407.

Reid R, Santosham M, Croll J, Thompson C, Newcomer W, Siber GR. Antibody response of Navajo children primed with PRP-OMP vaccine to booster doses of PRP-OMP vs. HbOC vaccine. *Pediatr Infect Dis J* 1993; 12(10):812-815.

Robin LF, Lees PS, Winget M et al. Wood-burning stoves and lower respiratory illnesses in Navajo children. *Pediatr Infect Dis J* 1996; 15(10):859-865.

Sack RB, Castrellon J, Della SE et al. Hydrolyzed lactalbumin-based oral rehydration solution for acute diarrhoea in infants. *Acta Paediatr* 1994; 83(8):819-824.

Sack RB, Santosham M, Reid R et al. Diarrhoeal diseases in the White Mountain Apaches: clinical studies. *J Diarrhoeal Dis Res* 1995; 13(1):12-17.

Santosham M, Foster S, Garrett S et al. Outpatient use of oral rehydration solutions in Apache population: effect of instructions on preparation and contamination. *J Pediatr Gastroenterol Nutr* 1984; 3(5):687-691.

Santosham M, Foster S, Reid R et al. Role of soy-base, lactose-free formula during treatment of acute diarrhea. *Pediatrics* 1985; 76:292-298.

Santosham M, Yolken RH, Wyatt RG et al. Epidemiology of rotavirus diarrhea in a prospectively monitored American Indian population. *J Infect Dis* 1985; 152(4):778-783.

Santosham M, Burns BA, Reid R et al. Glycine-based oral rehydration solution: reassessment of safety and efficacy. *J Pediatr* 1986; 109(5):795-801.

Santosham M, Reid R, Ambrosino DM et al. Prevention of Haemophilus Influenzae Type B Infections in High-Risk Infants Treated with Bacterial Polysaccharide Immune Globulin. *N Engl J Med* 1987; 317(15):923-929.

Santosham M, Reid R, Letson GW, Wolff MC, Siber G. Passive immunization for infection with Haemophilus influenzae type b. *Pediatrics* 1990; 85(4 Pt 2):662-666.

Santosham M, Letson GW, Wolff M et al. A field study of the safety and efficacy of two candidate rotavirus vaccines in a Native American population. *J Infect Dis* 1991; 163(3):483-487.

Santosham M, Goepf J, Burns B et al. Role of a soy-based lactose-free formula in the outpatient management of diarrhea. *Pediatrics* 1991; 87(5):619-622.

Santosham M, Hill J, Wolff M, Reid R, Lukacs L, Ahonkhai V. Safety and immunogenicity of a Haemophilus influenzae type b conjugate vaccine in a high risk American Indian population. *Pediatr Infect Dis J* 1991; 10(2):113-117.

Santosham M, Wolff M, Reid R et al. The efficacy in Navajo infants of a conjugate vaccine consisting of Haemophilus influenzae type b polysaccharide and Neisseria meningitidis outer-membrane protein complex. *N Engl J Med* 1991; 324(25):1767-1772.

Santosham M, Rivin B, Wolff M et al. Prevention of Haemophilus influenzae type b infections in Apache and Navajo children. *J Infect Dis* 1992; 165 Suppl 1:S144-S151.

Santosham M, Sack RB, Reid R et al. Diarrhoeal diseases in the White Mountain Apaches: epidemiologic studies. *J Diarrhoeal Dis Res* 1995; 13(1):18-28.

Santosham M, Moulton LH, Reid R et al. Efficacy and safety of high-dose rhesus-human reassortant rotavirus vaccine in Native American populations. *J Pediatr* 1997; 131(4):632-638.

Santosham M. Can Haemophilus influenzae type b disease be eliminated from the United States? J Pediatr 2000; 137(3):295-298.

Santosham M, Englund JA, McInnes P et al. Safety and antibody persistence following Haemophilus influenzae type b conjugate or pneumococcal polysaccharide vaccines given before pregnancy in women of childbearing age and their infants. Pediatr Infect Dis J 2001; 20(10):931-940.

Santosham M, Reid R, Chandran A et al. Contributions of Native Americans to the global control of infectious diseases. Vaccine 2007; 25(13):2366-2374.

Shinoff JJ, O'Brien KL, Thumar B et al. Young infants can develop protective levels of neutralizing antibody after infection with respiratory syncytial virus. J Infect Dis 2008; 198(7):1007-1015.

Siber GR, Santosham M, Reid GR et al. Impaired antibody response to Haemophilus influenzae type b polysaccharide and low IgG2 and IgG4 concentrations in Apache children. N Engl J Med 1990; 323(20):1387-1392.

Siber GR, Werner BG, Halsey NA et al. Interference of immune globulin with measles and rubella immunization. J Pediatr 1993; 122(2):204-211.

Siber GR, Chang I, Baker S et al. Estimating the protective concentration of anti-pneumococcal capsular polysaccharide antibodies. Vaccine 2007; 25(19):3816-3826.

Singleton R, Holve S, Groom A et al. Impact of immunizations on the disease burden of American Indian and Alaska native children. Arch Pediatr Adolesc Med 2009; 163(5):446-453.

Takala A, Eskola J, Leinonen M et al. Reduction of oropharyngeal carriage of haemophilus influenzae type b (Hib) in children immunized with a hib conjugate vaccine. J Infect Dis 1992; 164:982-986.

Vesikari T, Matson DO, Dennehy P et al. Safety and efficacy of a pentavalent human-bovine (WC3) reassortant rotavirus vaccine. N Engl J Med 2006; 354(1):23-33.

Watt JP, Levine OS, Santosham M. Global reduction of Hib disease: what are the next steps? Proceedings of the meeting Scottsdale, Arizona, September 22-25, 2002. J Pediatr 2003; 143(6 Suppl):S163-S187.

Watt JP, O'Brien KL, Benin AL et al. Invasive pneumococcal disease among Navajo adults, 1989-1998. Clin Infect Dis 2004; 38(4):496-501.

Watt JP, O'Brien KL, Katz S et al. Nasopharyngeal versus oropharyngeal sampling for detection of pneumococcal carriage in adults. J Clin Microbiol 2004; 42(11):4974-4976.

Watt JP, O'Brien KL, Benin AL et al. Invasive pneumococcal disease among Navajo adults, 1989-1998. Clin Infect Dis 2004; 38(4):496-501.

Watt JP, O'Brien KL, Benin AL et al. Risk factors for invasive pneumococcal disease among Navajo adults. Am J Epidemiol 2007; 166(9):1080-1087.

Wissow LS, Walkup J, Barlow A, Reid R, Kane S. Cluster and regional influences on suicide in a Southwestern American Indian tribe. Soc Sci Med 2001; 53(9):1115-1124.

Yolken R, Dubovi E, Leister F, Reid R, Almeida-Hill J, Santosham M. Infantile gastroenteritis associated with excretion of pestivirus antigens. Lancet 1989; 1(8637):517-520.