

References

- Aida J, Ando Y, Oosaka M, Niimi K, Morita M. 2008. Contributions of social context to inequality in dental caries: a multilevel analysis of Japanese 3-year-old children. *Community Dent Oral Epidemiol.* 36(2):149–156.
- Altman DG, Bland JM. 2003. Interaction revisited: the difference between two estimates. *BMJ.* 326(7382):219.
- Armfield JM. 2005. Public water fluoridation and dental health in New South Wales. *Aust N Z J Public Health.* 29(5):477–483.
- Atkins D, Best D, Briss PA, Eccles M, Falck-Ytter Y, Flottorp S, Guyatt GH, Harbour RT, Haugh MC, Henry D, et al. 2004. Grading quality of evidence and strength of recommendations. *BMJ.* 328(7454):1490.

- Baldini V, Tagliaferro EP, Ambrosano GM, Meneghim Mde C, Pereira AC. 2011. Use of occlusal sealant in a community program and caries incidence in high- and low-risk children. *J Appl Oral Sci.* 19(4):396–402.
- Barbosa TS, Gavião MB. 2008. Oral health-related quality of life in children: part II. Effects of clinical oral health status: a systematic review. *Int J Dent Hyg.* 6(2):100–107.
- Beikler T, Flemmig TF. 2011. Oral biofilm-associated diseases: trends and implications for quality of life, systemic health and expenditures. *Periodontol 2000.* 55(1):87–103.
- Bernabé E, Delgado-Angulo EK, Murasko JE, Marcenes W. 2012. Family income and tooth decay in US children: does the association change with age? *Caries Res.* 46(3):221–227.
- Bernabé E, Sheiham A, Sabbah W. 2009. Income, income inequality, dental caries and dental care levels: an ecological study in rich countries. *Caries Res.* 43(4):294–301.
- Bissar AR, Oikonomou C, Koch MJ, Schulte AG. 2007. Dental health, received care, and treatment needs in 11- to 13-year-old children with immigrant background in Heidelberg, Germany. *Int J Paediatr Dent.* 17(5):364–370.
- Conway DI, Quarrell I, McCall DR, Gilmour H, Bedi R, Macpherson LM. 2007. Dental caries in 5-year-old children attending multi-ethnic schools in Greater Glasgow—the impact of ethnic background and levels of deprivation. *Community Dent Health.* 24(3):161–165.
- de Amorim RG, Figueiredo MJ, Leal SC, Mulder J, Frencken JE. 2012. Caries experience in a child population in a deprived area of Brazil, using ICDAS II. *Clin Oral Investig.* 16(2):513–520.
- Declerck D, Leroy R, Martens L, Lesaffre E, Garcia-Zattera MJ, Vanden Broucke S, Debyser M, Hoppenbrouwers K. 2008. Factors associated with prevalence and severity of caries experience in preschool children. *Community Dent Oral Epidemiol.* 36(2):168–178.
- Deeks JJ, Dinnes J, D'Amico R, Sowden AJ, Sakarovitch C, Song F, Petticrew M, Altman DG; International Stroke Trial Collaborative Group; European Carotid Surgery Trial Collaborative Group. 2003. Evaluating non-randomised intervention studies. *Health Technol Assess.* 7(27):iii–x, 1–173.
- Do LG. 2012. Distribution of caries in children: variations between and within populations. *J Dent Res.* 91(6):536–543.
- Drewnowski A, Specter SE. 2004. Poverty and obesity: the role of energy density and energy costs. *Am J Clin Nutr.* 79(1):6–16.
- Duval S, Tweedie R. 2000. Trim and fill: a simple funnel-plot-based method of testing and adjusting for publication bias in meta-analysis. *Biometrics.* 56(2):455–463.
- Dye BA, Li X, Thornton-Evans G. 2012. Oral health disparities as determined by selected healthy people 2010 oral health objectives for the United States, 2009–2010. *NCHS Data Brief.* 104:1–8.
- Edelstein B. 2006. The dental caries pandemic and disparities problem. *BMC Oral Health.* 6(Suppl. 1):S2.
- Egger M, Smith GD, Schneider M, Minder C. 1997. Bias in meta-analysis detected by a simple, graphical test. *BMJ.* 315(7109):629–634.
- Geyer S, Schneller T, Micheelis W. 2010. Social gradients and cumulative effects of income and education on dental health in the Fourth German Oral Health Study. *Community Dent Oral Epidemiol.* 38(2):120–128.
- Hanioka T, Ojima M, Tanaka K, Matsuo K, Sato F, Tanaka H. 2011. Causal assessment of smoking and tooth loss: a systematic review of observational studies. *BMC Public Health.* 11(1):221.
- Higgins JP, Green S. editors. 2011. *Cochrane handbook for systematic reviews of interventions.* Version 5.10 (updated March 2011). The Cochrane Collaboration; [accessed 2014 Oct 8]. <http://www.cochrane.org/handbook>.
- Higgins JP, Thompson SG. 2002. Quantifying heterogeneity in a meta-analysis. *Stat Med.* 21(11):1539–1558.
- Joaquim AM, Wyatt CCL, Aleksejūnienė J, Greggi SLA, Pegoraro LF, Kiyak HA. 2010. A comparison of the dental health of Brazilian and Canadian independently living elderly. *Gerodontology.* 27(4):258–265.
- Krieger N. 2001. Theories for social epidemiology in the 21st century: an ecosocial perspective. *Int J Epidemiol.* 30(4):668–677.
- Lee JY, Divaris K. 2014. The ethical imperative of addressing oral health disparities: a unifying framework. *J Dent Res.* 93(3):224–230.
- Luan WM, Baelum V, Fejerskov O, Chen X. 2000. Ten-year incidence of dental caries in adult and elderly Chinese. *Caries Res.* 34(3):205–213.
- Marcenes W, Kassebaum NJ, Bernabé E, Flaxman A, Naghavi M, Lopez A, Murray CJ. 2013. Global burden of oral conditions in 1990–2010: a systematic analysis. *J Dent Res.* 92(7):592–597.
- Marmot M. 2005. Social determinants of health inequalities. *Lancet.* 365(9464):1099–1104.
- Marmot M, Allen J, Bell R, Bloomer E, Goldblatt P; Consortium for the European Review of Social Determinants of Health and the Health Divide. 2012. WHO European review of social determinants of health and the health divide. *Lancet.* 380(9846):1011–1029.
- Marmot MG, Smith GD. 1997. Socio-economic differentials in health. *J Health Psychol.* 2(3):283–296.
- Marthaler TM. 2004. Changes in dental caries 1953–2003. *Caries Res.* 38(3):173–181.
- Masood M, Masood Y, Newton T. 2012. Impact of national income and inequality on sugar and caries relationship. *Caries Res.* 46(6):581–588.
- Moher D, Liberati AT, Altman DG. 2009. Preferred Reporting Items for Systematic Reviews and Meta-Analyses: the PRISMA statement. *PLoS Med.* 6(6):e1000097.
- O'Campo P. 2003. Invited commentary: advancing theory and methods for multilevel models of residential neighborhoods and health. *Am J Epidemiol.* 157(1):9–13.
- Petersen PE. 2005. Sociobehavioural risk factors in dental caries—international perspectives. *Community Dent Oral Epidemiol.* 33(4):274–279.
- Petticrew M, Roberts H. 2003. Evidence, hierarchies, and typologies: horses for courses. *J Epidemiol Community Health.* 57:527–529.
- Pinilla J, González B. 2009. Exploring changes in dental workforce, dental care utilisation and dental caries levels in Europe, 1990–2004. *Int Dent J.* 59(2):87–95.

- Pitts N, Amaechi B, Niederman R, Acevedo AM, Vianna R, Ganss C, Ismail A, Honkala E. 2011. Global oral health inequalities: dental caries task group—research agenda. *Adv Dent Res.* 23(2):211–220.
- Russell SL, Ickovics JR, Yaffee RA. 2010. Parity & untreated dental caries in US women. *J Dent Res.* 89(10):1091–1096.
- Sanders A, Slade G, Turrell G, John Spencer A, Marcenes W. 2006. The shape of the socioeconomic-oral health gradient: implications for theoretical explanations. *Community Dent Oral Epidemiol.* 34:310–319.
- Schou L, Wight C. 1994. Does dental health education affect inequalities in dental health? *Community Dent Health.* 11(2):97–100.
- Siervo M, Montagnese C, Mathers JC, Soroka KR, Stephan BC, Wells JC. 2014. Sugar consumption and global prevalence of obesity and hypertension: an ecological analysis. *Public Health Nutr.* 17(3):587–596.
- Thomson WM. 2012. Social inequality in oral health. *Community Dent Oral Epidemiol.* 40(Suppl. 2):28–32.
- Tusting LS, Willey B, Lucas H, Thompson J, Kafy HT, Smith R, Lindsay SW. 2013. Socioeconomic development as an intervention against malaria: a systematic review and meta-analysis. *Lancet.* 382(9896):963–972.
- Welch V, Petticrew M, Tugwell P, Moher D, O'Neill J, Waters E, White H; PRISMA-Equity Bellagio Group. 2012. PRISMA-Equity 2012 extension: reporting guidelines for systematic reviews with a focus on health equity. *PLoS Med.* 9(10):e1001333.
- Wells GA, Shea B, O'Connell D, Peterson J, Welch V, Losos M. 2009. The Newcastle-Ottawa Scale (NOS) for assessing the quality of nonrandomized studies in meta-analysis [accessed 2014 Oct 8]. http://www.ohri.ca/programs/clinical_epidemiology/nosgen.pdf.
- Whitehead M, Dahlgren G. 2006. Concepts and principles for tackling social inequities in health: Levelling up part 1. University of Liverpool: WHO Collaborating Centre for Policy Research on Social Determinants of Health [accessed 2014 Oct 8]. http://www.who.int/social_determinants/resources/leveling_up_part1.pdf.
- World Health Organization. 2014. Human development reports [accessed 2014 Oct 8]. <http://hdr.undp.org/en/statistics/understanding>.