



Systematically speaking - A selection of the latest systematic reviews added to the ARIF Reviews Database September 2011

Methodology Papers

Reviews – [Therapeutic](#) [Alternative and Complementary Medicine](#) [Diagnosis](#)
[Miscellaneous](#) [Miscellaneous Non-Medical](#)

Methodology

Cimino T, Lach LM, Mehan K, Saini M, Nimigon-Young J, McNeill T, *et al.* Quality of Abstracts in the Context of a Systematic Review on Parenting of Children with Chronic Health Conditions and Disabilities. *Journal of Evidence Based Social Work* 2011; **8**:369-378.

Cornu C, Nony P, Joubert E. Women Were Included Twice in a Meta-Analysis. *American Journal of Medicine* 2011; **124**:e17.

Rojon C, McDowall A, Saunders MKN. On the Experience of Conducting a Systematic Review in Industrial, Work, and Organizational Psychology: Yes, It Is Worthwhile. *Journal of Personnel Psychology* 2011; **10**:133-138.

Thombs BD, Arthurs E, El-Baalbaki G, Meijer A, Ziegelstein RC, Steele RJ. Risk of bias from inclusion of patients who already have diagnosis of or are undergoing treatment for depression in diagnostic accuracy studies of screening tools for depression: systematic review. *British Medical Journal* 2011; **462**.

Watt A, Cameron A, Sturm L, Lathlean T, Babidge W, Blamey S, *et al.* Rapid reviews versus full systematic reviews: An inventory of current methods and practice in health technology assessment. , 24, pp 133-139
doi:10.1017/S0266462308080185. *International*

Journal of Technology Assessment in Health Care 2008; **24**:133-139.

Zulman DM, Sussman JB, Chen X, Cigolle CT, Blaum CS, Hayward RA. Examining the Evidence: A Systematic Review of the Inclusion and Analysis of Older Adults in Randomized Controlled Trials. *Journal of General Internal Medicine* 2011; **26**:783-790.

Reviews – Therapeutic

Antonopoulos CN, Sargentanis TN, Daskalopoulou SS, Petridou ET. Nasal continuous positive airway pressure (nCPAP) treatment for obstructive sleep apnea, road traffic accidents and driving simulator performance: A meta-analysis. *Sleep Medicine Reviews* 2011; **15**:301-310.

Biondo S, Borao JL, Millan M, Kreisler E, Jaurieta E. Current status of the treatment of acute colonic diverticulitis: a systematic review. *Colorectal Dis* 2011.

Chan DK, Rourke F, Shen Q, Mak JC, Hung WT. Meta-analysis of the cardiovascular benefits of intensive lipid lowering with statins. *Acta Neurologica Scandinavica* 2011; **124**:188-195.

Cheng JW, Cai JP, Li Y, Wei RL. Intraoperative Mitomycin C for Nonpenetrating Glaucoma

Surgery: A Systematic Review and Meta-analysis. *Journal of Glaucoma* 2011; **20**:322-326.

Dickens AP, Richards SH, Greaves CJ, Campbell JL. Interventions targeting social isolation in older people: a systematic review. *BMC Public Health* 2011; **11**(1):647.

<http://www.biomedcentral.com/1471-2458/11/647>

Franchini M, Lippi G. The use of desmopressin in acquired haemophilia A: a systematic review. *Blood Transfus* 2011; **4**(1):1-6.

Guo J, Ma B, Zhou H. Gefitinib for Non-small Cell Lung Cancer: A meta Analysis. *Chinese Journal of Lung Cancer* 2011; **14**:351-357.

Hailey D, Roine R, Ohinmaa A, Dennett L. Evidence of benefit from telerehabilitation in routine care: a systematic review. *J Telemed Telecare* 2011.

Maggio A, Filosa A, Vitrano A, Aloj G, Kattamis A, Ceci A, *et al.* Iron chelation therapy in thalassemia major: A systematic review with meta-analyses of 1520 patients included on randomized clinical trials. *Blood Cells Mol Dis* 2011.

Petrelli F, Barni S. Tamoxifen added to radiotherapy and surgery for the treatment of ductal carcinoma in situ of the breast: A meta-analysis of 2 randomized trials. *Radiotherapy and Oncology* 2011; **100**:195-199.

Pol RA, Reijnen MM, Zeebregts CJ. Outcome after Open Repair of Ruptured Abdominal Aortic Aneurysm in Patients >80 Years Old: A Systematic Review and Meta-analysis. *World J Surg* 2011.

Spear SA, Schwartz SR. Intratympanic Steroids for Sudden Sensorineural Hearing Loss: A Systematic Review. *Otolaryngol Head Neck Surg* 2011.

Teuffel O, Kuster SP, Hunger SP, Conter V, Hitzler J, Ethier MC, *et al.* Dexamethasone versus prednisone for induction therapy in childhood acute lymphoblastic leukemia: a systematic review and meta-analysis. *Leukemia* 2011; **25**:1232-1238.

Thrumurthy SG, Karthikesalingam A, Patterson BO, Holt PJ, Hinchliffe RJ, Loftus JM, *et al.* A

Systematic Review of Mid-term Outcomes of Thoracic Endovascular Repair (TEVAR) of Chronic Type B Aortic Dissection. *Eur J Vasc Endovasc Surg* 2011.

Verberk WJ, Kessels AGH, Thien T. Telecare is a valuable tool for hypertension management, a systematic review and meta-analysis. *Blood Pressure Monitoring* 2011; **16**:149-155.

Zhang CH, Xu GL, Jia WD, Li JS, Ma JL, Ge YS. Effects of interferon treatment on development and progression of hepatocellular carcinoma in patients with chronic virus infection: A meta-analysis of randomized controlled trials. *International Journal of Cancer* 2011; **129**:1254-1264.

Diagnosis

Czernichow S, Kengne AP, Stamatakis E, Hamer M, Batty GD. Body mass index, waist circumference and waist-hip ratio: which is the better discriminator of cardiovascular disease mortality risk? Evidence from an individual-participant meta-analysis of 82-864 participants from nine cohort studies. *Obesity Reviews* 2011; **12**:680-687.

Endo Y. Three-dimensional ultrasound for assessing women with gynecological cancer: a systematic review. *Ultrasound Q* 2011; **27**(3):201-202.

Hernaes R, Lazo M, Bonekamp S, Kamel I, Brancati FL, Guallar E, *et al.* Diagnostic accuracy and reliability of ultrasonography for the detection of fatty liver: A meta-analysis. *Hepatology* 2011; **54**:1082-1090.

Kelder JC, Cowie MR, McDonagh TA, Hardman SMC, Grobbee DE, Cost B, *et al.* Quantifying the added value of BNP in suspected heart failure in general practice: an individual patient data meta-analysis. *Heart* 2011; **97**:959-963.

Kuc S, Wortelboer EJ, van Rijn BB, Franx A, Visser GHA, Schielen PCJI. Evaluation of 7 Serum Biomarkers and Uterine Artery Doppler Ultrasound for First-Trimester Prediction of Preeclampsia: A Systematic Review. *Obstetrical and Gynecological Survey* 2011; **66**:225-239.

McInnes MDF, Kielar AZ, Macdonald DB. Percutaneous Image-guided Biopsy of the Spleen: Systematic Review and Meta-Analysis of the Complication Rate and Diagnostic Accuracy. *Radiology* 2011; **260**:699-708.

Ohlsson A, Shah PS. Effects of the September 11, 2001 disaster on pregnancy outcomes: a systematic review. *Acta Obstetrica et Gynecologica Scandinavica* 2011; **90**:6-18.

Quatman CE, Hettrich CM, Schmitt LC, Spindler KP. The Clinical Utility and Diagnostic Performance of Magnetic Resonance Imaging for Identification of Early and Advanced Knee Osteoarthritis: A Systematic Review. *American Journal of Sports Medicine* 2011; **39**:1557-1568.

Queally VR, Evans JJ, McMillan TM. A meta-analysis of studies comparing the effectiveness of three cognitive screening tests in the detection of dementia populations. *International Journal of Geriatric Psychiatry* 2011; **26**:548-549.

Rodondi N, Auer R, de Bosset Sulzer V, Ghali WA, Cornuz J. Atherosclerosis Screening by Noninvasive Imaging for Cardiovascular Prevention: A Systematic Review. *J Gen Intern Med* 2011.

Schaffler N, Kopke S, Winkler L, Schippling S, Inglese M, Fischer K, et al. Accuracy of diagnostic tests in multiple sclerosis - a systematic review. *Acta Neurologica Scandinavica* 2011; **124**:151-164.

Shan J, Chen HL, Zhu JH. Diagnostic Accuracy of Clinical Pulmonary Infection Score for Ventilator-Associated Pneumonia: A Meta-analysis. *Respiratory Care* 2011; **56**:1087-1094.

Sinert R, Martin J, Abdel-Naby R, Mehta N. Systematic Review: Emergency Department Bedside Renal Ultrasonography for Diagnosing Nephrolithiasis. *Journal of Emergency Medicine* 2011; **41**:213.

Steingart KR, Flores LL, Dendukuri N, Schiller I, Laal S, Ramsay A, et al. Commercial Serological Tests for the Diagnosis of Active Pulmonary and Extrapulmonary Tuberculosis: An Updated Systematic Review and Meta-Analysis. *PLoS Med* 2011; **8**(8):e1001062.

<http://www.plosmedicine.org/article/info%3Adoi%2F10.1371%2Fjournal.pmed.1001062>

Stickland MK, Rowe BH, Spooner CH, Vandermeer B, Dryden DM. Accuracy of eucapnic hyperpnea or mannitol to diagnose exercise-induced bronchoconstriction: a systematic review. *Ann Allergy Asthma Immunol* 2011; **107**(3):229-234.

Sun J, Garfield DH, Lam B, Yan J, Gu A, Shen J, et al. The Value of Autofluorescence Bronchoscopy Combined with White Light Bronchoscopy Compared with White Light Alone in the Diagnosis of Intraepithelial Neoplasia and Invasive Lung Cancer: A Meta-Analysis. *Journal of Thoracic Oncology* 2011; **6**:1336-1344.

Xin L, Liao Z, Jiang YP, Li ZS. Indications, detectability, positive findings, total enteroscopy, and complications of diagnostic double-balloon endoscopy: a systematic review of data over the first decade of use. *Gastrointestinal Endoscopy* 2011; **74**:563-570.

Alternative therapies

Davis PA, Yokoyama W. Cinnamon Intake Lowers Fasting Blood Glucose: Meta-Analysis. *Journal of Medicinal Food* 2011; **14**:884-889.

Ernst E. Homeopathic *Galphimia glauca* for hay fever: a systematic review of randomised clinical trials and a critique of a published meta-analysis. *Focus on Alternative and Complementary Therapies* 2011; **16**:200-203.

Owen-Smith A, Depadilla L, Diclemente R. The Assessment of Complementary and Alternative Medicine Use Among Individuals with HIV: A Systematic Review and Recommendations for Future Research. *J Altern Complement Med* 2011; **17**(9):789-796.

Posadzki P. Shark cartilage for cancer patients: a mini systematic review. *Focus on Alternative and Complementary Therapies* 2011; **16**:204-207.

Sarris J, Kean J, Schweitzer I, Lake J. Complementary medicines (herbal and nutritional products) in the treatment of Attention Deficit Hyperactivity Disorder (ADHD): A systematic review of the evidence. *Complementary Therapies in Medicine* 2011; **19**:216-227.

Terhorst L, Schneider MJ, Kim KH, Gozdich LM, Stille CS. Complementary and Alternative Medicine in the Treatment of Pain in Fibromyalgia: A Systematic Review of Randomized Controlled Trials. *Journal of Manipulative and Physiological Therapeutics* 2011; **34**:483-496.

Tokede OA, Gaziano JM, Djousse L. Effects of cocoa products/dark chocolate on serum lipids: a meta-analysis. *European Journal of Clinical Nutrition* 2011; **65**:879-886.

Whelan K. Probiotics and prebiotics in the management of irritable bowel syndrome: a review of recent clinical trials and systematic reviews. *Curr Opin Clin Nutr Metab Care* 2011.

Zhao L, Guo Y, Wang W, an L. Systematic review on randomized controlled clinical trials of acupuncture therapy for neurovascular headache. *Chinese Journal of Integrative Medicine* 2011; **17**:580-586.

Miscellaneous

Baxter S, Blank I, Guillaume L, Squires H, Payne N. Views of contraceptive service delivery to young people in the UK: a systematic review and thematic synthesis. *Journal of Family Planning and Reproductive Health Care* 2011; **37**:71.

Parmelli E, Flodgren G, Beyer F, Baillie N, Schaafsma ME, Eccles MP. The effectiveness of strategies to change organisational culture to improve healthcare performance: a systematic review. *Implementation Science : IS* 2011; **6**:33. <http://www.implementationscience.com/content/pdf/1748-5908-6-33.pdf>

Hudon C, Fortin M, Haggerty JL, Lambert M, Poitras ME. Measuring Patients' Perceptions of Patient-Centered Care: A Systematic Review of Tools for Family Medicine. *Annals of Family Medicine* 2011; **9**:155-164.

Sing MF, Yang WS, Gao S, Gao J, Xiang YB. Epidemiological studies of the association between tea drinking and primary liver cancer: a meta-analysis. *European Journal of Cancer Prevention* 2011; **20**:157-165.

Smithson J, Garside R, Pearson M. Barriers to, and facilitators of, the prevention of unintentional injury in children in the home: a systematic

review and synthesis of qualitative research. *Injury Prevention* 2011; **17**(2):119-126.

Lee R. Systematic review of the epidemiological evidence comparing lung cancer risk in smokers of mentholated and unmentholated cigarettes. *BMC Pulm Med* 2011; **11**(1):18. <http://www.biomedcentral.com/1471-2466/11/18>

Hanioka T, Ojima M, Tanaka K, Matsuo K, Sato F, Tanaka H. Causal assessment of smoking and tooth loss: A systematic review of observational studies. *BMC Public Health* 2011; **11**(1):221. <http://www.biomedcentral.com/content/pdf/1471-2458-11-221.pdf>

Gao U, Cui Q, Shi X, Su J, Peng Z, Chen X, et al. Prevalence and trend of hepatitis C virus infection among blood donors in Chinese mainland: a systematic review and meta-analysis. *BMC Infect Dis* 2011; **11**(1):88. <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3079653/>

Foster TS, Miller JD, Boye ME, Blieden MB, Gidwani R, Russell MW. The economic burden of metastatic breast cancer: A systematic review of literature from developed countries. *Cancer Treat Rev* 2011.

Ngamruengphong S, Leontiadis GI, Radhi S, Dentino A, Nugent K. Proton Pump Inhibitors and Risk of Fracture: A Systematic Review and Meta-Analysis of Observational Studies. *Am J Gastroenterol* 2011.

Ti Tiemersma EW, van der Werf MJ, Borgdorff MW, Williams BG, Nagelkerke NJ. Natural History of Tuberculosis: Duration and Fatality of Untreated Pulmonary Tuberculosis in HIV Negative Patients: A Systematic Review. *PLoS ONE* 2011; **6**(4):e17601. <http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0017601>

Brenner DR, McLaughlin JR, Hung RJ. Previous lung diseases and lung cancer risk: a systematic review and meta-analysis. *PLoS ONE* 2011; **6**(3):e17479. <http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0017479>

Thijssen AS, Broeders IA, de Wit GA, Draaisma WA. Cost-effectiveness of proton pump inhibitors versus laparoscopic Nissen fundoplication for patients with gastroesophageal reflux disease: a systematic review of the literature. *Surg Endosc* 2011.

Bloomfield HE, Krause A, Greer N, Taylor BC, Macdonald R, Rutks I, *et al.* Meta-analysis: Effect of Patient Self-testing and Self-management of Long-Term Anticoagulation on Major Clinical Outcomes. *Annals of Internal Medicine* 2011; **154**:472-482.

Sejvar JJ, Baughman AL, Wise M, Morgan OW. Population Incidence of Guillain-Barre Syndrome: A Systematic Review and Meta-Analysis. *Neuroepidemiology* 2011; **36**:123-133.

Artemiadis AK, Anagnostouli MC, Alexopoulos EC. Stress as a Risk Factor for Multiple Sclerosis Onset or Relapse: A Systematic Review. *Neuroepidemiology* 2011; **36**:109-120.

Miscellaneous Non-medical

Alarcon GM. A meta-analysis of burnout with job demands, resources, and attitudes. *Journal of Vocational Behaviour* 2011; **79**:549-562.

Chaplin-Kramer R, Rourke ME, Blitzer EJ, Kremen C. A meta-analysis of crop pest and natural enemy response to landscape complexity. *Ecology Letters* 2011; **14**:922-932.

Defeo O, McLachlan A. Coupling between macrofauna community structure and beach type: a deconstructive meta-analysis. *Marine Ecology* 2011; **433**:29-41.

Martinez H, Mora JM, Unal A. Bus Technology Meta-Analysis. *Transportation Research Record* 2010;36-43.

Paul PA, Madden LV, Bradley CA, Robertson AE, Munkvold GP, Shaner G, *et al.* Meta-Analysis of Yield Response of Hybrid Field Corn to Foliar Fungicides in the U.S. Corn Belt. *Phytopathology* 2011; **101**:1122.

Rojon C, McDowall A, Saunders MKN. On the Experience of Conducting a Systematic Review in Industrial, Work, and Organizational Psychology: Yes, It Is Worthwhile. *Journal of Personnel Psychology* 2011; **10**:133-138.

Santos ES, Scheck D, Nakagawa S. Dominance and plumage traits: meta-analysis and metaregression analysis. *Animal Behaviour* 2011; **82**:3-19.

Topa G, Moriano JA, Depolo M, Alcover CM, Moreno A. Retirement and Wealth Relationships: Meta-analysis and SEM. *Research on Aging* 2011; **33**:501-528.

