



Systematically speaking - A selection of the latest systematic reviews added to the ARIF Reviews Database May 2010

Methodology Papers

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[Miscellaneous](#) [Miscellaneous Non-Medical](#)

Methodology

Brunoni AR, Tadini L, Fregni F. Changes in clinical trials methodology over time: a systematic review of six decades of research in psychopharmacology. *PLoS ONE* 2010; **5**(3):e9479
<http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0009479>

Gibson L, Brazzelli M, Thomas B, Sandercock P. A systematic review of clinical trials of pharmacological interventions for acute ischaemic stroke (1955-2008) that were completed, but not published in full. *Trials* 2010; **11**(1):43
<http://www.trialsjournal.com/content/11/1/43>

Fitzpatrick R, chambers J, Burns T, Doll H, Fazel S, Jenkinson C et al. A systematic review of outcome measures used in forensic mental health research with consensus panel opinion. *Health Technology Assessment* 2010;**14**(18)
<http://www.hta.ac.uk/fullmono/mon1418.pdf>

Jones CM, Ashrafian H, Skapinakis P, Arora S, Darzi A, Dimopoulos K et al. Diagnostic accuracy meta-analysis: A review of the basic principles of interpretation and application. *International Journal of Cardiology* 2010; **140**(2):138-144

Nestoriuc Y, Kriston L, Rief W. Meta-analysis as the core of evidence-based behavioral medicine: tools and pitfalls of a statistical approach. *Current Opinion in Psychiatry* 2010; **23**(2):145-150

Putter H, Fiocco M, Stijnen T. Meta-analysis of diagnostic test accuracy studies with multiple thresholds using survival methods. *Biometrical Journal* 2010; **52**(1):95-110

Rerkasem K, Rothwell PM. Meta-analysis of small randomized controlled trials in surgery may be unreliable. *British Journal of Surgery* 2010; **97**(4):466-469

Riley RD, Lambert PC, Abo-Zaid G. Meta-analysis of individual participant data: rationale, conduct, and reporting. *BMJ* 2010; **340**:c221

Rosen L, Ben NM, Rosenber E. Missing the forest (plot) for the trees? A critique of the systematic review in tobacco control. *BMC Medical Research Methodology* 2010; **10**(1):34
<http://www.biomedcentral.com/1471-2288/10/34>

Simpson F, Sweetman EA, Doig GS. A systematic review of techniques and interventions for improving adherence to inclusion and exclusion criteria during enrolment into randomised controlled trials. *Trials* 2010; **11**:17

Song F, Parekh S, Hooper L, Loke YK, Ryder J, Sutton AJ et al. Dissemination and publication of research findings: an updated review of related biases. *Health Technology Assessment* 2010; **14**(8)
<http://www.hta.ac.uk/fullmono/mon1408.pdf>

Reviews – Therapeutic

Bauld L, Bell K, McCullough L, Richardson K, et al. The effectiveness of NHS smoking cessation services: a systematic review. *Journal of Public Health* 2010; **32**(1):71-82

Cummins E, Royle P, Snaith A, Greene A, Robertson L, McIntyre L et al. Clinical effectiveness and cost-effectiveness of continuous subcutaneous insulin infusion for diabetes: systematic review and economic evaluation. *Health Technology Assessment* 2010; **14**(11) <http://www.hta.ac.uk/fullmono/mon1411.pdf>

Delaney A, Bradford C, McCaffrey J, Bagshaw SM, Lee R. Levosimendan for the treatment of acute severe heart failure: A meta-analysis of randomised controlled trials. *International Journal of Cardiology* 2010; **138**(3):281-289

Forster A, Lambley R, Young JB. Is physical rehabilitation for older people in long-term care effective? Findings from a systematic review. *Age and Ageing* 2010; **39**(2):169-175

Glazier AF, Cameron ST, Fine PM, Logan SJ, Casale W, van Horn J et al. Ulipristal acetate versus levonorgestrel for emergency contraception: a randomised non-inferiority trial and meta-analysis. *Lancet* 2010; **375**(9714):555-562

Guo H, Zhang R, Yang Z, et al. A systematic review of erlotinib for advanced non-small cell lung cancer. *Chinese Journal of Lung Cancer* 2009; **12**(12):1260-1265

Li L, Yan an Z. Meta-analysis of edaravone in treatment of acute cerebral infarction. *Chinese Journal of Pharmacology and Epidemiology* 2010; **18**(Part 6):411-413.

Liu L, Cao Y, Tan A, Liao C, Gao F. Cetuximab-based therapy for advanced cancer: a meta-analysis of 17 randomised controlled trials. *Cancer Chemotherapy and Pharmacology* 2010; **65** (5):849-861

Parry M, Watt-Watson J. Peer support intervention trials for individuals with heart disease: A systematic review. *European Journal of Cardiovascular Nursing* 2010; **9**(1):57-67

Shepherd J, Kavanagh J, Picot J, Cooper K, Harden A, Barnett-Page J et al. The effectiveness and cost-effectiveness of behavioural interventions for the prevention of sexually transmitted infections in young people aged 13-19: a systematic review and economic evaluation. *Health Technology Assessment* 2010; **14**(7) <http://www.hta.ac.uk/fullmono/mon1407.pdf>

Smith TO, Davies L, Hing CB. Early versus delayed surgery for anterior cruciate ligament reconstruction: a systematic review and meta-analysis. *Knee Surgery Sports Traumatology, Arthroscopy* 2010; **18**(3):304-311

Vasse E, Vernooij-Dassen M, Spijker A. A systematic review of communication strategies for people with dementia in residential and nursing homes. *International Psychogeriatrics* 2010; **22**(2):189-200

Yirui G, Lili W, Jinwei C. A meta-analysis of therapy comparison between bimatoprost and timolol in ocular hypertension eye. *Chinese Ophthalmic Research* 2010; **27**(12):1120-1132

Zhang C, Sun A, Zhang P, Wu C, Zhang S, Fu M et al. Aspirin for primary prevention of cardiovascular events in patients with diabetes: A meta-analysis. *Diabetes Research and Clinical Practice* 2010; **87**(2):211-218.

Zhang P, Tian JH, Yang KH, Li J, Jia WQ, et al. Robot-assisted laparoscope fundoplication for gastroesophageal reflux disease: a systematic review of randomized controlled trials. *Digestion* 2010; **81**(1):1-9

Zhang T, Ding X, Wei D, Cheng P, Su X, Liu H et al. Sorafenib improves the survival of patients with advanced hepatocellular carcinoma: a meta-analysis of randomized trials. *Anticancer Drugs* 2010; **21**(3):326-332

Zhou J, He JD, Ouyang XB, Wang YP. Erythromycin infusion prior to emergency endoscopy for acute upper gastrointestinal bleeding: a systematic review. *World Chinese Journal of Digestology* 2009; **17**(31):3273-3277

Zhu L, Yang Z, Wang S. Erlotinib in the treatment of advanced non-small-cell lung cancer: a systematic review. *Chinese Journal of Lung Cancer* 2009; **12**(12):1229-1236

Alternative and Complementary Medicine

Cho SH, Hwang EW. Acupuncture for primary dysmenorrhoea: a systematic review. *British Journal of Obstetrics and Gynaecology* 2010; **117**(5):509-521

Cooper KL, Relton C. Homeopathy for insomnia: A systematic review of research evidence. *Sleep Medicine Reviews* 2010; **published 9 Mar**

Ford AC, Talley NJ, Quigley EMM, Moayyedi P. Efficacy of probiotics in irritable bowel syndrome: A meta-analysis of randomized, controlled trials. *Diseases of the Colon and Rectum* 2010; **52**(10):1805-1806

Macduff S, Grodin MA, Gardiner P. The Use of Complementary and Alternative Medicine Among Refugees: A Systematic Review. *Journal of Immigrant and Minority Health* 2010; **published 13 Mar**

Rubinstein SM, van Middelkoop M, Kuijpers T, Ostelo R, Verhagen AP, De Boer MR, *et al.* A systematic review on the effectiveness of complementary and alternative medicine for chronic non-specific low-back pain. *European Spine Journal* 2010; **published 14 Mar**

Siempos II, Ntaidou TK, Falagas ME. Impact of the administration of probiotics on the incidence of ventilator-associated pneumonia: A meta-analysis of randomized controlled trials. *Critical Care Medicine* 2010; **38**(3):954-962

Ventegodt S, Merrick J. Meta-analysis of positive effects, side effects and adverse events of holistic mind-body medicine (clinical holistic medicine): Experience from Denmark, Sweden, United Kingdom and Germany. *International Journal of Adolescent Medicine and Health* 2010; **21**(4):441-456

Zhang CS, Yang AW, Zhang AL, Fu WB, Thien FCK, Lewith G *et al.* Ear-acupressure for allergic rhinitis: a systematic review. *Clinical Otolaryngology* 2010; **35**(1):6-12

Diagnosis

Arida A, Kyprianou M, Kanakis M, Sfikakis P.P. The diagnostic value of ultrasonography-derived

edema of the temporal artery wall in giant cell arteritis: a second meta-analysis. *BMC Musculoskeletal Disorders* 2010; **11**:44
<http://www.biomedcentral.com/1471-2474/11/44>

He L-P, Tang X-Y, Ling W-H, *et al.* Early c-reactive protein in the prediction of long-term outcomes after acute coronary syndromes: a meta-analysis of longitudinal studies. *Heart* 2010; **96**(5):339-346

Hemingway H, Henriksson M, Chen R, Damant J, Fitzpatrick N, Abrams K *et al.* The effectiveness and cost-effectiveness of biomarkers for the prioritisation of patients awaiting coronary revascularisation: a systematic review and decision model. *Health Technology Assessment* 2010; **14**(9)
<http://www.hta.ac.uk/fullmono/mon1409.pdf>

Henderson TO, Amsterdam A, Bhatia S, Hudson MM, Meadows AT, Neglia JP, *et al.* Systematic review: surveillance for breast cancer in women treated with chest radiation for childhood, adolescent, or young adult cancer. *Annals of Internal Medicine* 2010; **152**(7):444-455

Jellema P, van der Windt DA, Bruinvels DJ, Mallen CD, van Weyenberg SJ, Mulder CJ, *et al.* Value of symptoms and additional diagnostic tests for colorectal cancer in primary care: systematic review and meta-analysis. *BMJ* 2010; **340**:c1269

Konrad G. Dietary interventions for fecal occult blood test screening: Systematic review of the literature. *Canadian Family Physician* 2010; **56**(3):229-238

Maarse W, Berge SJ, Pistorius L, van Barneveld T, Kon M, Breugem C *et al.* Diagnostic accuracy of transabdominal ultrasound in detecting prenatal cleft lip and palate: a systematic review. *Ultrasound in Obstetrics and Gynecology* 2010; **35**(4):495-502

Morrow JB, Dallo FJ, Julka M. Community-Based Colorectal Cancer Screening Trials with Multi-Ethnic Groups: A Systematic Review. *Journal of Community Health* 2010; **published 12 Mar**

Stebbing J, Farouk L, Panos G, Anderson M, Jiao LR, Mandalia S *et al.* A meta-analysis of transient

elastography for the detection of hepatic fibrosis. *Journal of Clinical Gastroenterology* 2010; **44**(3):214-219

Whiting PF, Smidt N, Sterne JA, Harbord R, Burton A, Burke M, *et al.* Systematic review: accuracy of anti-citrullinated Peptide antibodies for diagnosing rheumatoid arthritis. *Annals of Internal Medicine* 2010; **152**(7):456-464

Miscellaneous

Alexander DD, Wagner ME. Benzene exposure and non-hodgkin lymphoma: A meta-analysis of epidemiologic studies. *Journal of Occupational and Environmental Medicine* 2010; **52**(2):169-189

Archie RR, Boren SA. Opportunities for informatics to improve discharge planning: a systematic review of the literature. *Amia Annual Symposium* 2009; **1**:553-557

Arden-Close E, Pacey A, Eiser C. Health-related quality of life in survivors of lymphoma: a systematic review and methodological critique. *Leukaemia and Lymphoma* 2010; **epublished 20 Mar**

Braun T, Brauer M, Fuchs I, Czernik C, Dudenhausen JW, Henrich W, *et al.* Mirror Syndrome: A Systematic Review of Fetal Associated Conditions, Maternal Presentation and Perinatal Outcome. *Fetal Diagnosis and Therapy* 2010; **epublished 27 Mar**

Christiaans I, van Engelen K, van Langen I.M, Birnie E, *et al.* Risk stratification for sudden cardiac death in hypertrophic cardiomyopathy: systematic review of clinical risk markers. *Europace* 2010; **12**(3):313-321

Clemes SA, Haslam CO, Haslam RA. What constitutes effective manual handling training? A systematic review. *Occupational Medicine* 2010; **60**(2):101-107

Cohen R.D, Yu A.P, Wu E.Q, *et al.* Systematic review: the costs of ulcerative colitis in Western countries. *Alimentary Pharmacology and Therapeutics* 2010; **31**(7):693-707

Cooper C, Tandy A.R, Balamurali T.B.S, Livingston G. A systematic review and meta-analysis of ethnic differences in use of dementia treatment, care and research. *American Journal of Geriatric Psychiatry* 2010; **18**(3):193-203

Greenhalgh T, Potts HWW, Wong G, Bark P, Swinglehurst D. Tensions and paradoxes in electronic patient record research: A systematic literature review using the meta-narrative method. *Milbank Quarterly* 2009; **87**(4):729-788

Guillaumie L, Godin G, Vezina-Im L. Psychosocial determinants of fruit and vegetable intake in adult population: a systematic review. *The International Journal of Behavioral Nutrition and Physical Activity* 2010; **7**:12

Karamchandani D, Arias-Amaya R, Donaldson N, *et al.* Thyroid cancer and renal transplantation: a meta-analysis. *Endocrine Related Cancer* 2010; **17**(1):159-167

Lee KY, Joo EJ, Jeong SH, Kang UG, Roh MS, Kim S *et al.* No association between AKT1 polymorphism and schizophrenia: A case control study in a Korean population and a meta-analysis. *Neuroscience Research* 2010; **66**(3):238-245

Lee YH, Song GG. Associations between the C677T and A1298C polymorphisms of MTHFR and the efficacy and toxicity of methotrexate in rheumatoid arthritis: A meta-analysis. *Clinical Drug Investigation* 2010; **30**(2):101-108

Miscellaneous Non-medical

Banks RG, Brown DJ, Field SR. Meta-analysis of cross-bred progeny data for Australian terminal sire sheep. *Proceedings of the Conference - Association for the Advancement of Animal Breeding and Genetics* 2010;480-483

Berry KA, Stringfellow PF, Shappell SA. Considering trends among industrial accidents: A preliminary meta-analysis of HFACS causal factors across industries. *Proceedings of the Human Factors and Ergonomic Society* 2009; **53rd Conference**:1574-1578

Delise LA, Gorman CA, Brooks AM, Rentsch JR, Steele-Johnson D. The effects of team training on team outcomes: A meta-analysis. *Performance Improvement Quarterly* 2010; **22**(4):53-80

Malouff JM, Thorsteinsson EB, Schutte NS, Bhullar N, Rooke SE. The five-factor model of personality and relationship satisfaction of intimate partners: A meta-analysis. *Journal of Research in Personality* 2010; **44**(1):124-127

Marczak LB, Sakamaki T, Turvey SL, Deguise I, Wood SLR, Richardson JS. Are forested buffers an effective conservation strategy for riparian fauna? An assessment using meta-analysis. *Biological Applications* 2010; **20**(1):126-134

Odour AM, Gomez JM, Strauss SY. Exotic vertebrate and invertebrate herbivores differ in their impacts on native and exotic plants: a meta-analysis. *Biological Invasions* 2010; **12**(2):407-419

Sathre R, O Connor J. Meta-analysis of greenhouse gas displacement factors of wood product substitution. *Environmental Science and Policy* 2010; **13**(2):104-114

Wickens CD, Hooey RL, Gore BF, Sebok A, Koenecke C, Salud E. Predicting pilot performance in off-nominal conditions: A meta-analysis and model validation. *Proceedings of the Human Factors and Ergonomic Society* 2009; **53rd Conference**:86-90

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