



Systematically speaking -

A selection of the latest systematic reviews added to the ARIF Reviews Database
November 2010

Methodology Papers

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Methodology

Cai T, Parast L, Ryan L. Meta-analysis for rare events. *Statistics in Medicine* 2010; **29(20)** : 2078-2089.

Caldwell PH, Hamilton S, Tan A, Craig JC. Strategies for Increasing Recruitment to Randomised Controlled Trials: Systematic Review. *PLoS Med* 2010; **7(11)** : e1000368.
<http://www.plosmedicine.org/article/info%3Adoi%2F10.1371%2Fjournal.pmed.1000368>

Crowther M, Lim W, Crowther MA. Systematic review and meta-analysis methodology. *Blood* 2010; **116** : 3140-3146.

Frunza O, Inkpen D, Matwin S, Klement W, O'Blenis P. Exploiting the systematic review protocol for classification of medical abstracts. *Artif Intell Med* 2010.

Zaitlen N, Eskin E. Imputation aware meta-analysis of genome-wide association studies. *Genetic Epidemiology* 2010; **34(6)**:537-542.

Reviews – Therapeutic

Dibra A, Tiroch K, Schulz S, Kelbaek H, Spaulding C, Laarman GJ et al. Drug-eluting stents in acute myocardial infarction:

updated meta-analysis of randomized trials. *Clinical Research in Cardiology* 2010; **99(6)** : 345-357.

From AM, Al Badarin FJ, Cha SS, Rihal CS. Percutaneous coronary intervention with drug-eluting stents versus coronary artery bypass surgery for multivessel coronary artery disease: a meta-analysis of data from the ARTS II, CARDia, ERACI IIIA and SYNTAX studies and systematic review of observational data. *Eurointervention* 2010; **6(2)** : 269-276.

Gogia S, Sachdev HS. Maternal postpartum vitamin A supplementation for the prevention of mortality and morbidity in infancy: a systematic review of randomized controlled trials. *International Journal of Epidemiology* 2010; published 3 Jun.

Jin DM, Xu Y, Geng DF, Yan TB. Effect of transcutaneous electrical nerve stimulation on symptomatic diabetic peripheral neuropathy: A meta-analysis of randomised controlled trials. *Diabetes Research and Clinical Practice* 2010; **89(1)**:10-15.

Li X, Dong Z, Wan Y, Wang Z. Sildenafil versus continuous positive airway pressure for erectile dysfunction in men with

obstructive sleep apnea: a meta-analysis. *Aging Male* 2010; **13(2)** : 82-86.

Malkawi AH, Hinchliffe RJ, Holt PJ, Loftus IM, Thompson MM. Percutaneous access for endovascular aneurysm repair: A systematic review. *European Journal of Vascular and Endovascular Surgery* 2010; **39(6)**:676-682.

Martin Saborido C, Hockenhull J, Bagust A, Boland A, Dickson R, Todd D. Systematic review and cost-effectiveness evaluation of 'pill-in-the-pocket' strategy for paroxysmal atrial fibrillation compared to episodic in-hospital treatment or continuous antiarrhythmic drug therapy. *Health Technology Assessment* 2010 ; **14(31)**
<http://www.hta.ac.uk/execsumm/summ1431.htm>

Matheson SL, Green MJ, Loo C, Carr VJ. A change in the conclusions of a recent systematic meta-review: Repetitive transcranial magnetic stimulation is effective for the negative symptoms of schizophrenia. *Schizophrenia Research* 2010; published 15 Jun.

Murray E, Perry M. Off-label use of rituximab in systemic lupus erythematosus: a systematic review. *Clinical Rheumatology* 2010; **29(7)** : 707-716.

Smith TO, Blake V, Hing CB. Minimally invasive versus conventional exposure for total hip arthroplasty: a systematic review and meta-analysis of clinical and radiological outcomes. *International Orthopaedics* 2010; published 18 Jun.

Swinnen E, Duerinckx S, Baeyens JP, Meeusen R, Kerckhofs E. Effectiveness of robot-assisted gait training in persons with spinal cord injury: a systematic review. *Journal of Rehabilitation Medicine* 2010; **42(6)**:520-526.

Wessels M, Lucas C, Eriks I, de Groot S. Body weight-supported gait training for restoration of walking in people with an incomplete spinal cord injury: a systematic

review. *Journal of Rehabilitation Medicine* 2010; **42(6)**: 513-519.

Wieser M, Sauerland S, Arnold D, Schmiegel W, Reinacher-Schick A. Peri-operative chemotherapy for the treatment of resectable liver metastases from colorectal cancer: A systematic review and meta-analysis of randomized trials. *BMC Cancer* 2010; **10** : 309.
<http://www.biomedcentral.com/1471-2407/10/309>

Younis N, Williams S, Ammori B, Soran H. Role of aspirin in the primary prevention of cardiovascular disease in diabetes mellitus: a meta-analysis. *Expert Opinion on Pharmacotherapy* 2010; **11(9)** :1459-1466.

Alternative and Complementary Medicine

Cao H, Han M, Li X, Dong S, Shang Y, Wang Q, Xu S, Liu J. Clinical Research Evidence of Cupping Therapy in China: A Systematic Literature Review. *BMC Complement Alter Med* 2010; **10(1)** :70.
<http://www.biomedcentral.com/1472-6882/10/70>

Cho SH, Lee H, Ernst E. Acupuncture for pain relief in labour: a systematic review and meta-analysis. *British Journal of Obstetrics and Gynaecology* 2010; **117(8)** :907-920.

Cipriani S, Chiaffarino F, Malvezzi M, Parazzini F. Soy Isoflavones and bone mineral density in perimenopausal and postmenopausal western women: A systematic review and meta-analysis of randomized controlled trials. *Journal of Womens Health* 2010; **19(9)** :1609-1617.

Guthmann F, Kluthe C et al. Probiotics for prevention of necrotising enterocolitis: an updated meta-analysis. *Klinische Padiatrie* 2010 ; **222[5]**: 284-290. 2010.
<https://www.thieme-connect.com/DOI/DOI?10.1055/s-0030-1254113>

Kim JI, Myeong SL, Jung WK, Do YC, Ernst E. Reflexology for the symptomatic treatment of breast cancer: a systematic review. *Integr Cancer Ther* 2010; **9(4)**:326-330.

Sang LX, Chang B, Zhang WL, Wu XM, Li XH, Jiang M. Remission induction and maintenance effect of probiotics on ulcerative colitis: A meta-analysis. *World Journal of Gastroenterology* 2010; **16(15)**:1908-1915.

Sheng YY, Zou XP, Yu CG, Lv Y, Zhang LL. Adjuvant treatment of severe acute pancreatitis with rhubarb: a systematic review. *World Chinese Journal of Digestology* 2010; **18(7)**:730-735.

Shin B-C, Lee MS, Park T-Y, Ernst E. Serious adverse events after spinal manipulation: a systematic review of the Korean literature. *Focus on Alternative and Complementary Therapies* 2010; **15(3)**:198-201.

Sy A. Concern with meta-analysis of acupuncture for neck pain. *Journal of Alternative and Complementary Medicine* 2010; **16(9)**:937.

Vickers A, Cronin A, Maschino A, Lewit G, Macpherson H, Victor N, Sherman K, Witt C, Linde K, the Acupuncture TC. Individual patient data meta-analysis of acupuncture for chronic pain: protocol of the Acupuncture Trialists' Collaboration. *Trials* 2010; **11(1)**:90. <http://www.trialsjournal.com/content/11/1/90/additional/>

Diagnosis

Bojunga JR, Herrman E, Meyer G, Weber S, Zeuzem S. Real-time elastography for the differentiation of benign and malignant thyroid nodules: A meta-analysis. *Thyroid* 2010; **20(10)**:1145-1150.

Conde-Agudelo AX, Romero R, Hassan SS, Yeo L. Transvaginal sonographic cervical length for the prediction of spontaneous preterm birth in twin pregnancies: a systematic review and metaanalysis.

American Journal of Obstetrics and Gynecology 2010; **203(2)**:128.

Menke J, Larsen J. Meta-analysis: Accuracy of contrast-enhanced magnetic resonance angiography for assessing steno-occlusions in peripheral arterial disease. *Annals of Internal Medicine* 2010; **153(5)** : 325-334.

Mitchell AJ, Meader N, Symonds P. Diagnostic validity of the Hospital Anxiety and Depression Scale (HADS) in cancer and palliative settings: A meta-analysis. *Journal of Affective Disorders* 2010; **126(3)**:335-348.

Morris RK, Malin G, Robson SC, Kleijnen J, Zamora J, Khan K. Fetal umbilical artery Doppler to predict compromise of fetal/neonatal wellbeing in a high risk population: systematic review and bivariate meta-analysis. *Ultrasound in Obstetrics and Gynecology* 2010; epublished 4 Oct.

Ottenheim RP, Jansen MX, Staal JB, van den Bruel A, Weijers RX, de Bie RA, et al. Accuracy of diagnostic ultrasound in patients with suspected subacromial disorders: A systematic review and meta-analysis. *Archives of Physical Medicine and Rehabilitation* 2010; **91(10)**:1616-1625.

Petsky HL, Cates CJ, Lasserson TJ, Li AM, Turner C, Kynaston JA, et al. A systematic review and meta-analysis: tailoring asthma treatment on eosinophilic markers (exhaled nitric oxide or sputum eosinophils). *Thorax* 2010; epublished 11 Oct.

Qui LX, Mao C, Zhang J, Zhu XD, Liao RY, Xue K, et al. Predictive and prognostic value of KRAS mutations in metastatic colorectal cancer patients treated with cetuximab: A meta-analysis of 22 studies. *European Journal of Cancer* 2010; **46(15)**: 2781-2787.

Rosman AS, Korsten MA. Effect of verification bias on the sensitivity of fecal occult blood testing: a meta-analysis. *Journal of General Internal Medicine* 2010; **25(11)**:1211-1221.

Stergiou GS, Bliziotis IA. Home Blood Pressure Monitoring in the Diagnosis and Treatment of Hypertension: A Systematic Review. *American Journal of Hypertension* 2010; epublished 9 Sep.

Thosani N, Thosani S, Qiao W, Fleming JB, Bhutani MS, Guha S. Role of EUS-FNA-based cytology in the diagnosis of mucinous pancreatic cystic lesions: A systematic review and meta-analysis. *Digestive Diseases and Sciences* 2010; **55(10)**:2756-2766.

Wang H, Tso VK, Slupsky CM, Fedorak R. Metabolomics and detection of colorectal cancer in humans: a systematic review. *Future Oncology* 2010; **6(9)**:1395-1406.
http://www.futuremedicine.com/doi/abs/10.217/fon.10.107?url_ver=Z39.88-2003&rft_id=ori:rid:crossref.org&rft_dat=crapub%3dpubmed

Wong C, Leon de la Barra S, Herbison P. Does ST resolution achieved via different reperfusion strategies (Fibrinolysis vs PCI) have different prognostic meaning in ST elevation myocardial infarction? A systematic review. *Heart Lung and Circulation* 2010; **19(Suppl 2)**:S26.

Yu Z, Liu J, Sun Q, Han S, Guo X. The accuracy of the procalcitonin test for the diagnosis of neonatal sepsis: A meta-analysis. *Scandinavian Journal of Infectious Diseases* 2010; **42(10)**:723-733.

Miscellaneous

Bayrampour H, Heaman M. Advanced maternal age and the risk of cesarean birth: a systematic review. *Birth* 2010; **37(3)**:219-226.

Boschman JS, van der Molen HF, Sluiter JK, Frings-Dresen MH. Occupational demands and health effects for bricklayers and construction supervisors: A systematic review. *American Journal of Industrial Medicine* 2010; epublished 30 Sep.

Buckman JE, Sundin J, Greene T, Fear NT, Dandeker C, Greenberg N. The impact of

deployment length on the health and well-being of military personnel: a systematic review of the literature. *Occupational and Environmental Medicine* 2010; epublished 30 Sep.

Collins RE, Wright AJ, Marteau TM. Impact of communicating personalized genetic risk information on perceived control over the risk: A systematic review. *Genetic Medicine* 2010; epublished 1 Oct.
<http://www.ncbi.nlm.nih.gov/pubmed/20921892>

Jia L, Zhi H. Whether vitamin E supplements can decrease the risk of prostate cancer: Meta-analysis. *Zhongguo Zuzhi Gongcheng Yanjiu Yu Linchuang Kangfu* 2010; **14(28)**:5177-5190.

Kagan A, Hashemi G, Korner-Bitensky N. Diabetes and fitness to drive: A systematic review of the evidence with a focus on older drivers. *Canadian Journal of Diabetes* 2010; **34(3)** :233-243.

Mackay DF, Irfan MO, Haw S, Pell JP. Meta-analysis of the effect of comprehensive smoke-free legislation on acute coronary events. *Heart* 2010; **96(19)** :1525-1530.

Mathieu S, Gossec L, Dougados M, Soubrier M. Cardiovascular profile in ankylosing spondylitis. A systematic review and metaanalysis. *Arthritis Care and Research* 2010; epublished 1 Oct.

Metsios GS, Flouris AD, Angioi M, Koutedakis Y. Passive smoking and the development of cardiovascular disease in children: a systematic review. *Cardiology Research and Practice* 2010;

Quinn T, Wasiak J, Cleland H. An examination of factors that affect return to work following burns: A systematic review of the literature. *Burns* 2010; **36(7)** :1021-1026.

Shah PS, Shah J. Maternal Exposure to Domestic Violence and Pregnancy and Birth Outcomes: A Systematic Review and Meta-

Analyses. *Journal of Womens Health* 2010; published 4 Oct.

Van Maele-Fabry G, Lantin AC, Hoet P, Lison D. Residential exposure to pesticides and childhood leukaemia: A systematic review and meta-analysis. *Environment International* 2010; published 1 Oct.

Miscellaneous Non-medical

Cavaleri MA, Sack L. Comparative water use of native and invasive plants at multiple scales: a global meta-analysis. *Ecology* 2010; 91(9):2705-2715. <http://f1000.com/5807964>

Claudet J, Fraschetti S. Human-driven impacts on marine habitats: A regional meta-analysis in the Mediterranean Sea. *Biological Conservation* 2010; 143(9):2195-2206.

Laskowski R, Bednarska AJ, Kramarz Pe, Loureiro S, Scheil V, Kudlek J et al. Interactions between toxic chemicals and natural environmental factors - A meta-analysis and case studies. *Science of the Total Environment* 2010; 408(18):3763-3774.

Liu Y, Wei KK, Chen H. A meta-analysis on the effects of online auction design options: The moderating effect of value uncertainty. *Electronic Commerce Research and Applications* 2010; 9(6):507-521. <http://portal.acm.org/citation.cfm?id=1864821.1865095>

Meade B, Steiner B. The total effects of boot camps that house juveniles: A systematic review of the evidence. *Journal of Criminal Justice* 2010; 38(5) :841-853.

Moore W, Thomas C. A meta-analysis of the relationship between debt and growth. *International Journal of Development Issues* 2010; 9(3):214-225.

Sainaghi R. A meta-analysis of hotel performance. Continental or worldwide style? *Tourism Review* 2010; 65(3):46-69. <http://www.emeraldinsight.com/journals.htm?articleid=1881971>

van Ewijk R, Slegers P. The effect of peer socioeconomic status on student achievement: A meta-analysis. *Educational Research Review* 2010; 5(2):134-150.

Whittaker RJ. Meta-analyses and megamistakes: calling time on meta-analysis of the species richness-productivity relationship. *Ecology* 2010; 91(9):2522-2533. <http://www.esajournals.org/doi/abs/10.1890/08-0968.1>

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