

Peer reviewed articles by our team 2016

- Aerts M, Minalu G, Bösner S, Buntinx F, **Burnand B**, Haasenritter J, Herzig L, Knottnerus JA, Nilsson S, Renier W, Sox C, Sox H, Donner-Banzhoff N. International Working Group on Chest Pain in Primary Care (Interchest). Deriving a clinical prediction rule for coronary artery disease in primary care: improving internal and external validity by pooling individual patient data from five international sites. *J Clin Epidemiol.* 2016 Oct 20.
- Ambrosino N, Vitacca M, Dreher M, Isetta V, Montserrat JM, **Tonia T**, Turchetti G, Winck JC, Burgos F, Kampelmacher M, Vagheggini G; ERS Tele-Monitoring of Ventilator-Dependent Patients Task Force. Tele-monitoring of ventilator-dependent patients: a European Respiratory Society Statement. *Eur Respir J.* 2016 Sep ;48(3):648-63.
- Arditi C, **Burnand B**, **Peytremann-Bridevaux I**. Adding non-randomised studies to a Cochrane review brings complementary information for healthcare stakeholders: an augmented systematic review and meta-analysis. *BMC Health Serv Res* 2016; 16:598.
- Bassler D, Mueller KF, Briel M, Kleijnen J, Marusic A, Wager E, Antes G, **von Elm E**, Altman DG, Meerpohl JJ; OPEN Consortium. Bias in dissemination of clinical research findings: structured OPEN framework of what, who and why, based on literature review and expert consensus. *BMJ Open.* 2016 Jan;6(1): e010024.
- Belvisi MG, Morty RE, Rohde G, Miravittles M, Forrest KA, Genton C, Ritter N, Luludi N, Jimenez A, Rigau D, Tonia T, Vaccaro V, Pannetier C, Brusselle GG, Holgate ST. The ever-expanding ERS fellowship programmes: achievements over the past 3 years. *Eur Respir J.* 2016 Sep;48(3):595-9.
- Bodenmann P, Velonaki VS, Griffin JL, Baggio S, Iglesias K, Moschetti K, Ruggeri O, **Burnand B**, Wasserfallen JB, Vu F, Schupbach J, Hugli O, Daepfen JB. Case Management may Reduce Emergency Department Frequent use in a Universal Health Coverage System: a Randomized Controlled Trial. *J Gen Intern Med.* 2016 Jul 11.
- Blümle A, Schandelmaier S, Oeller P, Kasenda B, Briel M, **von Elm E**; DISCO study group. Premature Discontinuation of Prospective Clinical Studies Approved by a Research Ethics Committee - A Comparison of Randomised and Non-Randomised Studies. *PLoS One.* 2016 Oct 28;11(10): e0165605.
- Briel M, Olu KK, **von Elm E**, Kasenda B, Alturki R, Agarwal A, Bhatnagar N, Schandelmaier S. A systematic review of discontinued trials suggested that most reasons for recruitment failure were preventable. *J Clin Epidemiol.* 2016 Dec; 80: 8-15.
- Eidenbenz D, **Taffé P**, Hugli O, Ruffinen GZ, and Pasquier M. Determinants of prehospital analgesia for isolated limb injury in an alpine helicopter emergency medical service: a 2-year retrospective study. *Anaesthesia.* 2016; 71: 779-787.

- Elia N, **von Elm E**, Chatagner A, Pöpping DM, Tramèr MR. How do authors of systematic reviews deal with research malpractice and misconduct in original studies? A cross-sectional analysis of systematic reviews and survey of their authors. *BMJ Open*. 2016 Mar 2;6(3): e010442.
- Flatz A, Pfeifer N, Radtke T, Kriemler S, Klerings I, Wolfenden L, **von Elm E**. Interventions implemented through sporting organisations for promoting healthy behaviour or improving health outcomes (Protocol). *Cochrane Database of Systematic Reviews* 2016, Issue 5. Art. No.: CD012170.
- Griffin JL, Yersin M, Baggio S, Iglesias K, Velonaki VS, Moschetti K, **Burnand B**, Wasserfallen JB, Vu F, Ansermet C, Hugli O, Daepfen JB, Bodenmann P. Characteristics and predictors of mortality among frequent users of an Emergency Department in Switzerland. *Eur J Emerg Med*. 2016 Oct 4.
- Halfon P, Egli Y, Morel Y, and **Taffé P**. A multilevel empirical study of the determinants of intensity of episodes of ambulatory physical therapy based on routinely collected data. *BMC Health Services Research*, (in press), 2016.
- Hemkens LG, Benchimol EI, Langan SM, Briel M, Kasenda B, Januel JM, Herrett E, **von Elm E**. The reporting of studies using routinely collected health data was often insufficient. *J Clin Epidemiol*. 2016 Nov; 79: 104-111.
- Jotterand Chaparro C, Depeyre JL, Longchamp D, Perez MH, **Taffé P**, and Cotting J. How much protein and energy are needed to equilibrate nitrogen and energy balances in ventilated critically ill children? *Clinical Nutrition*. 2016 35(2): 460-467.
- Kasenda B, **von Elm E**, You JJ, Blümle A, Tomonaga Y, Saccilotto R, Amstutz A, Bengough T, Meerpohl JJ, Stegert M, Olu KK, Tikkinen KA, Neumann I, Carrasco-Labra A, Faulhaber M, Mulla SM, Mertz D, Akl EA, Bassler D, Busse JW, Ferreira-González I, Lamontagne F, Nordmann A, Gloy V, Raatz H, Moja L, Ebrahim S, Schandelmaier S, Sun X, Vandvik PO, Johnston BC, Walter MA, **Burnand B**, Schwenkglens M, Hemkens LG, Bucher HC, Guyatt GH, Briel M. Agreements between Industry and Academia on Publication Rights: A Retrospective Study of Protocols and Publications of Randomized Clinical Trials. *PLoS Med*. 2016 Jun 28;13(6): e1002046.
- Kirkham JJ, Dwan KM, Blümle A, **von Elm E**, Williamson PR. How Much Participant Outcome Data Is Missing from Sight: Findings from a Cohort of Trials Submitted to a German Research Ethics Committee. *PLoS One*. 2016 Jun 17;11(6): e0157883.
- Launay E, Cohen JF, Bossuyt PM, Buekens P, Deeks J, Dye T, Feltbower R, Ferrari A, Kramer M, Leeflang M, Moher D, Moons KG, **von Elm E**, Ravaud P, Chalumeau M. Reporting studies on time to diagnosis: proposal of a guideline by an international panel (REST). *BMC Med*. 2016; 14(1): 146.

- Leyvraz M, **Taffé P**, Chatelan A, Paradis G, Tabin R, Bovet P, Bochud M, and Chiolero A. Sodium intake and blood pressure in children and adolescents: Protocol for a systematic review and meta-analysis. *BMJ Open* (<http://dx.doi.org/10.1136/bmjopen-2016-012518>), 2016.
- Mueller KF, Meerpohl JJ, Briel M, Antes G, **von Elm E**, Lang B, Motschall E, Schwarzer G, Bassler D. Methods for detecting, quantifying and adjusting for dissemination bias in meta-analysis are described. *J Clin Epidemiol*. 2016 Dec; 80:25-33,
- N'Goran AA, Blaser J, Deruaz-Luyet A, Senn N, Frey P, Haller DM, Tandjung R, Zeller A, **Burnand B**, Herzig L. From chronic conditions to relevance in multimorbidity: a four-step study in family medicine. *Fam Pract*. 2016 May 6. pii: cmw030.
- Pittet V, Vaucher C, Maillard MH, Girardin M, de Saussure P, **Burnand B**, Rogler G, Michetti P. Information Needs and Concerns of Patients with Inflammatory Bowel Disease: What Can We Learn from Participants in a Bilingual Clinical Cohort? *PLoS One*. 2016 Mar 3;11(3):e0150620.
- Sansonnens J, **Taffé P**, **Burnand B**, ADS study group. Higher occurrence of nausea and vomiting after total hip arthroplasty using general versus spinal anesthesia: an observational study. *BMC Anesthesiology*. 2016; 16:44.
- Schandelmaier S, Conen K, **von Elm E**, You JJ, Blümle A, Tomonaga Y, Saccilotto R, Amstutz A, Bengough T, Meerpohl JJ, Stegert M, Olu KK, Tikkinen KA, Neumann I, Carrasco-Labra A, Faulhaber M, Mulla SM, Mertz D, Akl EA, Sun X, Bassler D, Busse JW, Ferreira-González I, Lamontagne F, Nordmann A, Gloy V, Raatz H, Moja L, Rosenthal R, Ebrahim S, Vandvik PO, Johnston BC, Walter MA, **Burnand B**, Schwenkglenks M, Hemkens LG, Bucher HC, Guyatt GH, Briel M, Kasenda B; DISCO study group. Planning and reporting of quality-of-life outcomes in cancer trials. *Ann Oncol*. 2016 Jan;27: 209.
- Schandelmaier S, **von Elm E**, You JJ, Blümle A, Tomonaga Y, Lamontagne F, Saccilotto R, Amstutz A, Bengough T, Meerpohl JJ, Stegert M, Olu KK, Tikkinen KA, Neumann I, Carrasco-Labra A, Faulhaber M, Mulla SM, Mertz D, Akl EA, Sun X, Bassler D, Busse JW, Ferreira-González I, Nordmann A, Gloy V, Raatz H, Moja L, Rosenthal R, Ebrahim S, Vandvik PO, Johnston BC, Walter MA, **Burnand B**, Schwenkglenks M, Hemkens LG, Cook DJ, Meade MO, Bucher HC, Kasenda B, Briel M. Premature Discontinuation of Randomized Trials in Critical and Emergency Care: A Retrospective Cohort Study. *Crit Care Med*. 2016 Jan; 44:130-7.
- Schriger DL, Kadera SP, **von Elm E**. Are Reviewers' Scores Influenced by Citations to Their Own Work? An Analysis of Submitted Manuscripts and Peer Reviewer Reports. *Ann Emerg Med*. 2016 Mar;67(3):401-406.
- Southern DA, **Burnand B**, Droesler SE, Flemons W, Forster AJ, Gurevich Y, Harrison J, Quan H, Pincus HA, Romano PS, Sundararajan V, Kostanjsek N, Ghali WA. Deriving

ICD-10 Codes for Patient Safety Indicators for Large-scale Surveillance Using Administrative Hospital Data. *Med Care*. 2016 Sep 15.

- Stegert M, Kasenda B, **von Elm E**, You JJ, Blümle A, Tomonaga Y, Saccilotto R, Amstutz A, Bengough T, Briel M; DISCO study group. An analysis of protocols and publications suggested that most discontinuations of clinical trials were not based on preplanned interim analyses or stopping rules. *J Clin Epidemiol*. 2016 Jan; 69:152-60.
- **Taffé P**. Effective plots to assess bias and precision in method comparison studies. *Statistical Methods in Medical Research*, 2016.
- Tavares V, Carron PN, Yersin B, **Taffé P**, **Burnand B**, Pittet V. The probability of having advanced medical interventions is associated with age in out-of-hospital life-threatening situations. *Scand J Trauma Resusc Emerg Med*. 2016 Aug 24;24(1):103.
- **Tonia T**, Van Oyen H, Berger A, Schindler C, Künzli N. If I tweet will you cite? The effect of social media exposure of articles on downloads and citations. *Int J Public Health*. 2016 May;61(4):513-20.
- Vaucher C, Bovet E, Bengough T, Pidoux V, Grossen M, Panese F, **Burnand B**. Meeting physicians' needs: a bottom-up approach for improving the implementation of medical knowledge into practice. *Health Res Policy and Systems* 2016; 14:49.
- Vaucher C, Maillard MH, Froehlich F, **Burnand B**, Michetti P, Pittet V. Patients and gastroenterologists' perceptions of treatments for Inflammatory Bowel Diseases: do their perspectives match? *Scand J Gastroenterol* 2016 Feb 19:1-6. DOI: 10.3109/00365521.2016.1147065