

Publications by our team in 2015

- Pittet V, Maillard MH, Lauvergeon S, Timmer M, Michetti P, Froehlich F, **Burnand B**, Vader J-P, Mottet C. Acceptance of inflammatory bowel disease treatment recommendations based on appropriateness ratings: do practicing gastroenterologists agree with experts? *J Crohns Colitis* 9 (2015) 132-9.
- **Peytremann-Bridevaux I, Burnand B**, Cassis I, Nolte E. Assessing chronic disease management in European Health Systems: country reports: Switzerland. In: *Assessing chronic disease management in European Health Systems: country reports*, WHO Regional Office for Europe: European Observatory on Health Systems and Policies, 2015, p. 111-119.
- Wild V, Carina F, Frouzakis R, Clarinval C, Fässler M, Elger B, Gächter T, Leu A, Spirig R, Kleinknecht M, Radovanovic D, Dorey CMouton, **Burnand B**, Vader J-P, Januel J-M, Biller-Andorno N. Assessing the impact of DRGs on patient care and professional practice in Switzerland (IDoC) - a potential model for monitoring and evaluating healthcare reform. *Swiss Med Wkly* 145 (2015) w14034.
- **Flatz A**, Casillas A, Stringhini S, Zuercher E, **Burnand B, Peytremann-Bridevaux I**. Association between education and quality of diabetes care in Switzerland. *Int J Gen Med* 8 (2015) 87-92.
- Sundararajan V, Romano PS, Quan H, **Burnand B**, Drösler SE, Brien S, Pincus HA, Ghali WA. Capturing diagnosis-timing in ICD-coded hospital data: recommendations from the WHO ICD-11 topic advisory group on quality and safety. *Int J Qual Health Care* 27 (2015) 328-33.
- Multone E, Vader J-P, Mottet C, Schoepfer A, Fournier N, **Burnand B**, Michetti P, Pittet V. Characteristics of non-responders to self-reported questionnaires in a large inflammatory bowel disease cohort study. *Scand J Gastroenterol* 50 (2015) 1348-56.
- **Peytremann-Bridevaux I, Arditi C**, Gex G, Bridevaux P-O, **Burnand B**. Chronic disease management programmes for adults with asthma. *Cochrane Database Syst Rev* 5 (2015) CD007988.
- Zuercher E, Bordet J, **Burnand B, Peytremann-Bridevaux I**. CoDiab-VD: protocol of a prospective population-based cohort study on diabetes care in Switzerland. *Bmc Health Serv Res* 15 (2015) 329.
- Rosenthal R, Kasenda B, Dell-Kuster S, **von Elm E**, You J, Blümle A, Tomonaga Y, Saccilotto R, Amstutz A, **Bengough T**, Meerpohl JJ, Stegert M, Tikkinen KAO, Neumann I, Carrasco-Labra A, Faulhaber M, Mulla S, Mertz D, Akl EA, Bassler D, et al. Completion and Publication Rates of Randomized Controlled Trials in Surgery: An Empirical Study. *Ann Surg* 262 (2015) 68-73.

- Lauvergeon S, Mettler D, **Burnand B**, **Peytremann-Bridevaux I**. Convergences and divergences of diabetic patients' and healthcare professionals' opinions of care: a qualitative study. *Health Expect* 18 (2015) 111-23.
- Juillerat P, Sokol H, Froehlich F, Yajnik V, Beaugerie L, Lucci M, **Burnand B**, Macpherson AJ, Cosnes J, Korzenik JR. Factors associated with durable response to infliximab in Crohn's disease 5 years and beyond: a multicenter international cohort. *Inflamm Bowel Dis* 21 (2015) 60-70.
- Bodenmann P, Velonaki V-S, Baggio S, Iglesias K, Moschetti K, Ruggeri O, Hugli O, **Burnand B**, Wasserfallen J-B, Vu F, Daeppen J-B. Frequent users of the emergency department in a universal health coverage system: a randomized controlled trial of a case-management intervention. In: *Journal of General Internal Medicine*, 2015.
- Iglesias K, Moschetti K, Baggio S, Velonaki V-S, Ruggeri O, Hugli O, **Burnand B**, Wasserfallen J-B, Daeppen J-B, Bodenmann P. Impact of case management on frequent users quality of life: a randomized controlled trial. In: *Journal of General Internal Medicine*, 2015.
- **Burnand B**. Improving the implementation of evidence-based knowledge in healthcare. *Clinical Investigation* 5 (2015) 5-7.
- Carron P-N, Dami F, Yersin B, Toppet V, **Burnand B**, Pittet V. Increasing prehospital emergency medical service interventions for nursing home residents. *Swiss Med Wkly* 145 (2015) w14126.
- Bertholet N, Cunningham JA, Faouzi M, Gaume J, Gmel G, **Burnand B**, Daeppen J-B. Internet-based brief intervention for young men with unhealthy alcohol use: a randomized controlled trial in a general population sample. *Addiction* 110 (2015) 1735-43.
- Daeppen J-B, Bodenmann P, **Burnand B**, Gaume J, Genton B, Hofner M-C, Spencer B, Widmer D. [Male/female medical students conduct research in the community]. *Rev Med Suisse* 11 (2015) 1564.
- Casillas A, Iglesias K, **Flatz A**, **Burnand B**, **Peytremann-Bridevaux I**. No consistent association between processes-of-care and health-related quality of life among patients with diabetes: a missing link?. *Bmj Open Diabetes Res Care* 3 (2015) e000042.
- Moschetti K, Iglesias K, Baggio S, Velonaki V-S, Ruggeri O, Hugli O, **Burnand B**, Daeppen J-B, Wasserfallen J-B, Bodenmann P. Potential health-care service utilization substitution effects induced by case management for emergency department frequent users. In: *Journal of General Internal Medicine*, 2015.
- Aubry-Rozier B, Chapurlat R, Duboeuf F, Iglesias K, Krieg M-A, Lamy O, **Burnand B**, Hans D. Reproducibility of Vertebral Fracture Assessment Readings From Dual-energy X-ray Absorptiometry in Both a Population-based and Clinical Cohort: Cohen's and Uniform Kappa. *J Clin Densitom* 18 (2015) 233-8.

- Sierra-Marcos A, Alvarez V, Faouzi M, **Burnand B**, Rossetti AO. Statins are associated with decreased mortality risk after status epilepticus. *Eur J Neurol* 22 (2015) 402-5.
- Marchi NA, Novy J, Faouzi M, Stähli C, **Burnand B**, Rossetti AO. Status epilepticus: impact of therapeutic coma on outcome. *Crit Care Med* 43 (2015) 1003-9.
- **Bengough T**, Bovet E, Bécherraz C, Schlegel S, **Burnand B**, Pidoux V. Swiss family physicians' perceptions and attitudes towards knowledge translation practices. *Bmc Fam Pract* 16 (2015) 177.
- **Peytremann-Bridevaux I**, **Burnand B**, Cassis I, Nolte E. Switzerland. In: Nolte E, Knai C, Assessing Chronic Disease Management in European Health Systems: Country reports, Copenhagen, World Health Organization, 2015, p. 110-119.
- Bellini C, Petignat C, Masserey E, Büla C, **Burnand B**, Rousson V, Blanc DS, Zanetti G. Universal screening and decolonization for control of MRSA in nursing homes: a cluster randomized controlled study. *Infect Control Hosp Epidemiol* 36 (2015) 401-8.
- Bellini C, Petignat C, Masserey E, Büla C, **Burnand B**, Rousson V, Blanc DS, Zanetti G. Universal Screening and Decolonization for Control of MRSA in Nursing Homes: A Cluster Randomized Controlled Study. *Infection Control & Hospital Epidemiology FirstView* (2015) 1 - 8.
- Iorio A, Spencer FA, Falavigna M, Alba C, Lang E, **Burnand B**, McGinn T, Hayden J, Williams K, Shea B, Wolff R, Kujpers T, Perel P, Vandvik Polav, Glasziou P, Schunemann H, Guyatt G. Use of GRADE for assessment of evidence about prognosis: rating confidence in estimates of event rates in broad categories of patients. *Bmj* 350 (2015) h870.
- Kruithof R, **Flatz A**, **Peytremann-Bridevaux I**, Egli M. *Praxis (Bern 1994)* 104 (2015) 1405-1406.
- **Peytremann-Bridevaux I**, Ebert ST, Senn N. Involvement of family physicians in structured programs for chronic diseases or multi-morbidity in Switzerland. *Eur J Intern Med* 26 (2015) 150-1.
- Henry V, **Peytremann-Bridevaux I**, Morin D, Dubois-Arber F, Montreuil C, Kampel T, Lucia S, Herzig L, Bize R. *Le diabète dans le canton de Vaud : évaluation de la pratique des professionnel(le)s de santé et de la collaboration interprofessionnelle*. Lausanne, Institut universitaire de médecine sociale et préventive, Institut universitaire de formation et de recherche en soins, Institut universitaire de médecine de médecine générale, 2015, (Raisons de santé 251).
- Courvoisier N, Bize R, Dubois-Arber F, **Peytremann-Bridevaux I**. *Programme cantonal Diabète dans le canton de Vaud : indicateurs pour le suivi et le baromètre Rapport final*. Lausanne, Institut universitaire de médecine sociale et préventive (IUMSP), 2015, (Raisons de santé 242).
- Stegert M, Kasenda B, **von Elm E**, You JJ, Blümle A, Tomonaga Y, Saccilotto R, Amstutz A, **Bengough T**, Briel M. 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* (2015).

- Rosenthal R, Kasenda B, Dell-Kuster S, **von Elm E**, You J, Blümle A, Tomonaga Y, Saccilotto R, Amstutz A, **Bengough T**, Meerpohl JJ, Stegert M, Tikkinen KAO, Neumann I, Carrasco-Labra A, Faulhaber M, Mulla S, Mertz D, Akl EA, Bassler D, et al. Completion and Publication Rates of Randomized Controlled Trials in Surgery: An Empirical Study. *Ann Surg* 262 (2015) 68-73.
- Levivier M, Tuleasca C, Schiappacasse L, Gevaert T, Faouzi M, **von Elm E**, Steenbecke F, Engels B, de Ridder M, Bourhis J. Gamma Knife Surgery versus Linac for Brain Metastasis: Which Technique for Which Patient? Analysis of an Historical Cohort of 63 Consecutive Patients Harboring 130 Lesions. 76 (2015) P011.
- Fournier S, Taffé P, Radovanovic D, **von Elm E**, Morawiec B, Stauffer J-C, Erne P, Beggah A, Monney P, Pascale P, Iglesias J-F, Eeckhout E, Muller O. Myocardial infarct size and mortality depend on the time of day-a large multicenter study. *Plos One* 10 (2015) e0119157.
- Schandelmaier S, Conen K, **von Elm E**, You JJ, Blümle A, Tomonaga Y, Amstutz A, Briel M, Kasenda B. Planning and reporting of quality-of-life outcomes in cancer trials. *Ann Oncol* 26 (2015) 1966-73.
- Nicholls SG, Quach P, **von Elm E**, Guttman A, Moher D, Petersen I, Sørensen HT, Smeeth L, Langan SM, Benchimol EI. The REporting of Studies Conducted Using Observational Routinely-Collected Health Data (RECORD) Statement: Methods for Arriving at Consensus and Developing Reporting Guidelines. *Plos One* 10 (2015) e0125620.
- Benchimol EI, Smeeth L, Guttman A, Harron K, Moher D, Petersen I, Sørensen HT, **von Elm E**, Langan SM. The REporting of studies Conducted using Observational Routinely-collected health Data (RECORD) statement. *Plos Med* 12 (2015) e1001885.
- Halfon P, Egli Y, Morel Y, **Taffé P**. The effect of patient, provider and financing regulations on the intensity of ambulatory physical therapy episodes: a multilevel analysis based on routinely available data. *Bmc Health Serv Res* 15 (2015) 52.
- Halfon P, Egli Y, Morel Y, **Taffé P**. The effect of patient, provider and financing regulations on the intensity of ambulatory physical therapy episodes: a multilevel analysis based on routinely available data. *Bmc Health Services Research* 15 (2015).
- Chaparro CJotterand, Depeyre JLaure, Longchamp D, Perez M-H, **Taffé P**, Cotting J. How much protein and energy are needed to equilibrate nitrogen and energy balances in ventilated critically ill children?. *Clin Nutr* (2015).

- Pittet V, Maillard MH, Lauvergeon S, Timmer M, Michetti P, Froehlich F, **Burnand B**, Vader J-P, Mottet C. Acceptance of inflammatory bowel disease treatment recommendations based on appropriateness ratings: do practicing gastroenterologists agree with experts? *J Crohns Colitis* 9 (2015) 132-9.
- **Peytremann-Bridevaux I, Burnand B**, Cassis I, Nolte E. Assessing chronic disease management in European Health Systems: country reports: Switzerland. In: *Assessing chronic disease management in European Health Systems: country reports*, WHO Regional Office for Europe: European Observatory on Health Systems and Policies, 2015, p. 111-119.
- Wild V, Carina F, Frouzakis R, Clarinval C, Fässler M, Elger B, Gächter T, Leu A, Spirig R, Kleinknecht M, Radovanovic D, Dorey CMouton, **Burnand B**, Vader J-P, Januel J-M, Biller-Andorno N. Assessing the impact of DRGs on patient care and professional practice in Switzerland (IDoC) - a potential model for monitoring and evaluating healthcare reform. *Swiss Med Wkly* 145 (2015) w14034.
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- Multone E, Vader J-P, Mottet C, Schoepfer A, Fournier N, **Burnand B**, Michetti P, Pittet V. Characteristics of non-responders to self-reported questionnaires in a large inflammatory bowel disease cohort study. *Scand J Gastroenterol* 50 (2015) 1348-56.
- **Peytremann-Bridevaux I, Arditi C**, Gex G, Bridevaux P-O, **Burnand B**. Chronic disease management programmes for adults with asthma. *Cochrane Database Syst Rev* 5 (2015) CD007988.
- Zuercher E, Bordet J, **Burnand B, Peytremann-Bridevaux I**. CoDiab-VD: protocol of a prospective population-based cohort study on diabetes care in Switzerland. *Bmc Health Serv Res* 15 (2015) 329.
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- Bodenmann P, Velonaki V-S, Baggio S, Iglesias K, Moschetti K, Ruggeri O, Hugli O, **Burnand B**, Wasserfallen J-B, Vu F, Daepfen J-B. Frequent users of the emergency department in a universal health coverage system: a randomized controlled trial of a case-management intervention. In: *Journal of General Internal Medicine*, 2015.
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- Bertholet N, Cunningham JA, Faouzi M, Gaume J, Gmel G, **Burnand B**, Daepfen J-B. Internet-based brief intervention for young men with unhealthy alcohol use: a randomized controlled trial in a general population sample. *Addiction* 110 (2015) 1735-43.
- Daepfen J-B, Bodenmann P, **Burnand B**, Gaume J, Genton B, Hofner M-C, Spencer B, Widmer D. [Male/female medical students conduct research in the community]. *Rev Med Suisse* 11 (2015) 1564.
- Casillas A, Iglesias K, **Flatz A**, **Burnand B**, **Peytremann-Bridevaux I**. No consistent association between processes-of-care and health-related quality of life among patients with diabetes: a missing link?. *Bmj Open Diabetes Res Care* 3 (2015) e000042.
- Moschetti K, Iglesias K, Baggio S, Velonaki V-S, Ruggeri O, Hugli O, **Burnand B**, Daepfen J-B, Wasserfallen J-B, Bodenmann P. Potential health-care service utilization substitution effects induced by case management for emergency department frequent users. In: *Journal of General Internal Medicine*, 2015.

- Aubry-Rozier B, Chapurlat R, Duboeuf F, Iglesias K, Krieg M-A, Lamy O, **Burnand B**, Hans D. Reproducibility of Vertebral Fracture Assessment Readings From Dual-energy X-ray Absorptiometry in Both a Population-based and Clinical Cohort: Cohen's and Uniform Kappa. *J Clin Densitom* 18 (2015) 233-8.
- Sierra-Marcos A, Alvarez V, Faouzi M, **Burnand B**, Rossetti AO. Statins are associated with decreased mortality risk after status epilepticus. *Eur J Neurol* 22 (2015) 402-5.
- Marchi NA, Novy J, Faouzi M, Stähli C, **Burnand B**, Rossetti AO. Status epilepticus: impact of therapeutic coma on outcome. *Crit Care Med* 43 (2015) 1003-9.
- **Bengough T**, Bovet E, Bécherraz C, Schlegel S, **Burnand B**, Pidoux V. Swiss family physicians' perceptions and attitudes towards knowledge translation practices. *Bmc Fam Pract* 16 (2015) 177.
- **Peytremann-Bridevaux I**, **Burnand B**, Cassis I, Nolte E. Switzerland. In: Nolte E, Knai C, Assessing Chronic Disease Management in European Health Systems: Country reports, Copenhagen, World Health Organization, 2015, p. 110-119.
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- Bellini C, Petignat C, Masserey E, Büla C, **Burnand B**, Rousson V, Blanc DS, Zanetti G. Universal Screening and Decolonization for Control of MRSA in Nursing Homes: A Cluster Randomized Controlled Study. *Infection Control & Hospital Epidemiology FirstView* (2015) 1 - 8.
- Iorio A, Spencer FA, Falavigna M, Alba C, Lang E, **Burnand B**, McGinn T, Hayden J, Williams K, Shea B, Wolff R, Kujpers T, Perel P, Vandvik Polav, Glasziou P, Schunemann H, Guyatt G. Use of GRADE for assessment of evidence about prognosis: rating confidence in estimates of event rates in broad categories of patients. *Bmj* 350 (2015) h870.
- Kruithof R, **Flatz A**, **Peytremann-Bridevaux I**, Egli M. *Praxis (Bern 1994)* 104 (2015) 1405-1406.
- **Peytremann-Bridevaux I**, Ebert ST, Senn N. Involvement of family physicians in structured programs for chronic diseases or multi-morbidity in Switzerland. *Eur J Intern Med* 26 (2015) 150-1.
- Henry V, **Peytremann-Bridevaux I**, Morin D, Dubois-Arber F, Montreuil C, Kappel T, Lucia S, Herzig L, Bize R. *Le diabète dans le canton de Vaud : évaluation de la pratique des professionnel(le)s de santé et de la collaboration interprofessionnelle*. Lausanne, Institut universitaire de médecine sociale et préventive, Institut

universitaire de formation et de recherche en soins, Institut universitaire de médecine de médecine générale, 2015, (Raisons de santé 251).

- Courvoisier N, Bize R, Dubois-Arber F, **Peytremann-Bridevaux I**. *Programme cantonal Diabète dans le canton de Vaud : indicateurs pour le suivi et le baromètre Rapport final*. Lausanne, Institut universitaire de médecine sociale et préventive (IUMSP), 2015, (Raisons de santé 242).
- Stegert M, Kasenda B, **von Elm E**, You JJ, Blümle A, Tomonaga Y, Saccilotto R, Amstutz A, **Bengough T**, Briel M. 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* (2015).
- Rosenthal R, Kasenda B, Dell-Kuster S, **von Elm E**, You J, Blümle A, Tomonaga Y, Saccilotto R, Amstutz A, **Bengough T**, Meerpohl JJ, Stegert M, Tikkinen KAO, Neumann I, Carrasco-Labra A, Faulhaber M, Mulla S, Mertz D, Akl EA, Bassler D, et al. Completion and Publication Rates of Randomized Controlled Trials in Surgery: An Empirical Study. *Ann Surg* 262 (2015) 68-73.
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- Fournier S, Taffé P, Radovanovic D, **von Elm E**, Morawiec B, Stauffer J-C, Erne P, Beggah A, Monney P, Pascale P, Iglesias J-F, Eeckhout E, Muller O. Myocardial infarct size and mortality depend on the time of day-a large multicenter study. *Plos One* 10 (2015) e0119157.
- Schandelmaier S, Conen K, **von Elm E**, You JJ, Blümle A, Tomonaga Y, Amstutz A, Briel M, Kasenda B. Planning and reporting of quality-of-life outcomes in cancer trials. *Ann Oncol* 26 (2015) 1966-73.
- Nicholls SG, Quach P, **von Elm E**, Guttman A, Moher D, Petersen I, Sørensen HT, Smeeth L, Langan SM, Benchimol EI. The REporting of Studies Conducted Using Observational Routinely-Collected Health Data (RECORD) Statement: Methods for Arriving at Consensus and Developing Reporting Guidelines. *Plos One* 10 (2015) e0125620.
- Benchimol EI, Smeeth L, Guttman A, Harron K, Moher D, Petersen I, Sørensen HT, **von Elm E**, Langan SM. The REporting of studies Conducted using Observational Routinely-collected health Data (RECORD) statement. *Plos Med* 12 (2015) e1001885.
- Halfon P, Eggli Y, Morel Y, **Taffé P**. The effect of patient, provider and financing regulations on the intensity of ambulatory physical therapy episodes: a multilevel analysis based on routinely available data. *Bmc Health Serv Res* 15 (2015) 52.

- Halfon P, Eggli Y, Morel Y, **Taffé P**. The effect of patient, provider and financing regulations on the intensity of ambulatory physical therapy episodes: a multilevel analysis based on routinely available data. *Bmc Health Services Research* 15 (2015).
- Chaparro CJotterand, Depeyre JLaure, Longchamp D, Perez M-H, **Taffé P**, Cotting J. How much protein and energy are needed to equilibrate nitrogen and energy balances in ventilated critically ill children?. *Clin Nutr* (2015).