

**Publications 2014**

**Service d'Epidémiologie Clinique HUG  
&  
Unité d'appui méthodologique du Centre de recherche clinique Unige/Hug**

Sous la responsabilité du Pr Thomas Perneger

1. **Perneger TV, Cullati S, Rudaz S, Agoritsas T, Schmidt RE, Combescure C, Courvoisier DS.** *Effect of numbering of return envelopes on participation, explicit refusals, and bias: experiment and meta-analysis.* BMC Med Res Methodol. 2014 Jan 15;14:6. doi: 10.1186/1471-2288-14-6. PubMed PMID: 24428941; PubMed Central PMCID: PMC3898011.
2. **Combescure C, Perneger T, Weber DC, Daurès J-P, Foucher Y.** *Prognostic ROC curves: a method for representing the overall discriminative capacity of binary markers with right-censored time-to-event endpoints.* Epidemiology 2014;25:103-9 PubMed PMID: 24240658.
3. **Perneger TV, Staines A, Kundig F.** *Internal consistency, factor structure, and construct validity of the French version of the Hospital Survey on Patient Safety Culture.* BMJ Qual Saf 2014;23:389-97
4. **Jannot AS, Perneger T.** *What should be the basis for compulsory and optional health insurance premiums: opinions of Swiss doctors.* Swiss Med Wkly 2014;144:w13918
5. **Parvex P, Combescure C, Rodriguez M, Birraux J, Girardin E.** *Evaluation and predictive factors of renal function progression using cystatin C and creatinine in neonates born with CAKUT.* Clin Nephrol. 2014 May;81(5):338-44. doi: 10.5414/CN108149. PubMed PMID: 24691013.
6. **Terzic A, Combescure C, Scolozzi P.** *Accuracy of computational soft tissue predictions in orthognathic surgery from three-dimensional photographs 6 months after completion of surgery: a preliminary study of 13 patients.* Aesthetic Plast Surg. 2014 Feb;38(1):184-91. doi: 10.1007/s00266-013-0248-4. Epub 2013 Dec 13. PubMed PMID: 24337148.
7. **Escher M, Perneger TV, Rudaz S, Dayer P, Perrier A.** *Impact of advance directives and a health care proxy on doctors' decisions: a randomized trial.* J Pain Symptom Manag 2014;47:1-11
8. **Lübbecke A, Zimmermann-Sloutskis D, Stern R, Roussos C, Bonvin A, Perneger T, Peter R, Hoffmeyer P.** *Physical activity before and after primary total hip arthroplasty: a registry-based study.* Arthritis Care Res 2014;66:276-84
9. **Iranmanesh P, Vazquez O, Terraz S, Majno P, Spahr L, Poncet A, et al.** *Accurate computed tomography-based portal pressure assessment in patients with hepatocellular carcinoma.* JHepatol 2013; pii: S0168-8278(13)00883-0. doi: 10.1016/j.jhep.2013.12.015



10. Le Gal F, Lebon S, Ramelli GP, Datta AN, Mercati D, Maier O, **Combescure C**, Rodriguez MI, Seeck M, Roulet E, Korff CM. *When is a child with status epilepticus likely to have Dravet syndrome?* Epilepsy Res. 2014 May;108(4):740-7. doi: 10.1016/j.eplepsyres.2014.02.019. Epub 2014 Mar 12. PubMed PMID: 24679980.
11. Fonzo-Christe C, Guignard B, Zaugg C, Coehlo A, Posfay-Barbe KM, Gervaix A, Desmeules J, Rollason V, **Combescure C**, Corbelli R, Rimensberger P, Pfister R, Bonnabry P. *Impact of clinical decision support guidelines on therapeutic drug monitoring of gentamicin in newborns.* Ther Drug Monit. 2014 Oct;36(5):656-62. doi: 10.1097/FTD.0000000000000071. PubMed PMID: 24690586.
12. **Combescure C**, Foucher Y, Jackson D. *Meta-analysis of single-arm survival studies: a distribution-free approach for estimating summary survival curves with random effects.* Stat Med. 2014 Jul 10;33(15):2521-37. doi: 10.1002/sim.6111. Epub 2014 Feb 13. PubMed PMID: 24532219.
13. Burri H, **Combescure C**. *Management of recalled implantable cardioverter-defibrillator leads at generator replacement: a decision analysis model for Fidelis leads.* Europace. 2014 Aug;16(8):1210-7. doi: 10.1093/europace/eut425. Epub 2014 Jan 26. PubMed PMID: 24469434.
14. Toso C, Majno P, Berney T, Morel P, Mentha G, **Combescure C**. *Validation of a dropout assessment model of candidates with/without hepatocellular carcinoma on a common liver transplant waiting list.* Transpl Int. 2014 Jul;27(7):686-95. doi: 10.1111/tri.12323. Epub 2014 Apr 25. PubMed PMID: 24649861.
15. Dantan E, **Combescure C**, Lorent M, Ashton-Chess J, Daguin P, Classe JM, Giral M, Foucher Y. *An original approach was used to better evaluate the capacity of a prognostic marker using published survival curves.* J Clin Epidemiol. 2014 Apr;67(4):441-8. doi: 10.1016/j.jclinepi.2013.10.022. PubMed PMID: 24581297.
16. Weber DC, Hurkmans CW, Melidis C, Budach W, Langendijk JH, Peters LJ, Grégoire V, Maingon P, **Combescure C**. *Outcome impact and cost-effectiveness of quality assurance for radiotherapy planned for the EORTC 22071-24071 prospective study for head and neck cancer.* Radiother Oncol. 2014 Jun;111(3):393-9. doi: 10.1016/j.radonc.2014.04.015. Epub 2014 May 23. PubMed PMID: 24861631.
17. Girardin FR, **Poncet A**, Blondon M, Rollason V, Vernaz N, Chalandon Y, Dayer P, **Combescure C**. *Cost-effectiveness of monitoring white blood cell count in psychotic adults on clozapine.* The Lancet Psychiatry. doi: 10.1016/S2215-0366(14)70245-7
18. Robert-Ebadi H, Bertoletti L, **Combescure C**, Le Gal G, Bounameaux H, Righini M. *Effects of impaired renal function on levels and performance of D-dimer in patients with suspected pulmonary embolism.* Thrombosis and Haemostasis. 2014 Sep 2;112(3):614-20. doi: 10.1160/TH13-12-1024. Epub 2014 Jun 5. PubMed PMID: 24898973.

19. Hudelson P, Domicé-Dao M, **Perneger TV**, Durieux S. A “Migrant Friendly Hospital” initiative in Geneva, Switzerland: evaluation of the effects on staff knowledge and practices. *PLoS One* 2014;9:e106758.
20. Garin N, Genné D, Carballo S, Chuard C, Eich G, Hugli O, Lamy O, Nendaz M, Petignat PA, **Perneger T**, Rutschmann O, Seravalli L, Harbarth S, Perrier A.  $\beta$ -Lactam monotherapy versus  $\beta$ -lactam-macrolide combination treatment in moderately severe community-acquired pneumonia : a randomized non-inferiority trial. *JAMA Intern Med* 2014 174 :1894-1901
21. Dekkers OM, Cevallos M, Bühner J, **Poncet A**, Ackermann-Rau S, **Perneger TV**, Egger M. Comparison of non-inferiority margins in protocols and publications showed incomplete and inconsistent reporting. *J Clin Epidemiol* (epub)
22. **Perneger TV**, **Courvoisier DS**, Hudelson PM, **Gayet-Ageron A**. Sample size for pre-tests of questionnaires. *Qual Life Res* (epub)
23. Escher M, Perrier A, **Rudaz S**, Dayer P, **Perneger TV**. Doctors’ decisions when faced with contradictory patient advance directives and a health care proxy opinion: a randomized vignette-based study. *J Pain Symptom Manage* 2014 (in press)
24. **Courvoisier DS**, **Cullati S**, Ouichi R, Schmidt RE, Haller G, Chopard P, Agoritsas T, **Perneger TV**. Validation of a 15-item care-related regret coping scale (RCS-HCP) for healthcare professionals. *J Occup Health* 2014 (epub)
25. **Gayet-Ageron A**, Sednaoui P, Lautenschlager S, Ferry T, Toutous-Trellu L, Cavassini M, Yassir F, Martinez de Tejada B, Emonet S, **Combes C**, Schrenzel J, **Perneger T**. Multicentre European study on *Treponema pallidum* Polymerase Chain Reaction in sexually-transmitted ulcerative diseases. *Emerg Infect Dis* 2014 (in press)
26. Meyer Ganz O, Tobalem M, Lam GT, Modarressi A, Elias B, **Perneger T**, Pittet B. Risks and benefits of using an absorbable mesh in one-stage immediate breast reconstruction: a comparative study. *Plast Reconstr Surg* 2014 (in press)
27. P. Fontana, **A. Poncet**, E. Lindhoff-Last, P. de Moerloose, K. M. Devreese. Refinement of the cutoff values of the HemosIL AcuStar assay for the detection of anticardiolipin and anti-beta2 glycoprotein-1 antibodies. *JTH-Journal of Thrombosis and Haemostasis* (2014). DOI: 10.1111/jth.12732
28. Calinescu, A M; Wildhaber, B E; **Poncet, A**; et al. Outcomes of combined liver-kidney transplantation in children: analysis of the scientific registry of transplant recipients. *American journal of transplantation* (2014). DOI: 10.1111/ajt.12935
29. Leuchter, Russia Ha-Vinh; Gui, Laura; **Poncet, Antoine**; et al. Association Between Early Administration of High-Dose Erythropoietin in Preterm Infants and Brain MRI Abnormality at



*Term-Equivalent Age.* JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION (2014). DOI: 10.1001/jama.2014.9645

30. Fleury, Vanessa; Cousin, Emilie; Czernecki, Virginie; Schmitt, Emmanuelle ; Lhommée, Eugénie; **Poncet, Antoine**; et al. *Dopaminergic modulation of emotional conflict in Parkinson's disease.* FRONTIERS IN AGING NEUROSCIENCE (2014). DOI: 10.3389/fnagi.2014.00164
31. Roberta De Luca, Pierre Fontana, **Antoine Poncet**, Philippe de Moerloose, Riccardo E. Pfister. *Evaluation of the GEM®PCL Plus point-of-care device for neonatal coagulation assessment: An observational study on cord blood.* Thrombosis Research (2014). DOI: 10.1016/j.thromres.2014.05.024
32. Arthur Varoquaux, Olivier Rager, **Antoine Poncet**, Bénédicte M. A. Delattre, Osman Ratib, Christoph D. Becker, Pavel Dulguerov, Nicolas Dulguerov, Habib Zaidi, Minerva Becker. *Detection and quantification of focal uptake in head and neck tumours: F-18-FDG PET/MR versus PET/CT.* Eur J Nucl Med Mol Imaging (2014) 41:462–475. DOI 10.1007/s00259-013-2580-y
33. Stewardson AJ, Iten A, Camus V, **Gayet-Ageron A**, Caulfield D, Lacey G, Pittet D. *Efficacy of a new educational tool to improve Handrubbing technique amongst healthcare workers: a controlled, before-after study.* PLoS One. 2014 Sep 2;9(9):e105866. doi: 10.1371/journal.pone.0105866. eCollection 2014.
34. Ribi C, Trendelenburg M, **Gayet-Ageron A**, Cohen C, Dayer E, Eisenberger U, Hauser T, Hunziker T, Leimgruber A, Lindner G, Koenig K, Otto P, Spertini F, Stoll T, Von Kempis J, Chizzolini C; Swiss Systemic Lupus Erythematosus Cohort Study Group. *The Swiss Systemic lupus erythematosus Cohort Study (SSCS) - cross-sectional analysis of clinical characteristics and treatments across different medical disciplines in Switzerland.* Swiss Med Wkly. 2014 Aug 7;144:w13990. doi: 10.4414/smw.2014.13990. eCollection 2014.
35. Zingg W, Cartier V, Inan C, Touveneau S, Theriault M, **Gayet-Ageron A**, Clergue F, Pittet D, Walder B. *Hospital-wide multidisciplinary, multimodal intervention programme to reduce central venous catheter-associated bloodstream infection.* PLoS One. 2014 Apr 8;9(4):e93898. doi: 10.1371/journal.pone.0093898. eCollection 2014.
36. Longtin Y, Schneider A, Tschopp C, Renzi G, **Gayet-Ageron A**, Schrenzel J, Pittet D. *Contamination of stethoscopes and physicians' hands after a physical examination.* Mayo Clin Proc. 2014 Mar;89(3):291-9. doi: 10.1016/j.mayocp.2013.11.016.
37. Cunningham G, Seghrouchni K, Ruffieux E, Vaudaux P, **Gayet-Ageron A**, Cherkaoui A, Godinho E, Lew D, Hoffmeyer P, Uçkay I. *Gram and acridine orange staining for diagnosis of septic arthritis in different patient populations* Int Orthop. 2014 Jun;38(6):1283-90. doi: 10.1007/s00264-014-2284-3. Epub 2014 Feb 5.

38. Jung M, Volonté F, Buchs NC, **Gayet-Ageron A**, Pugin F, Gervaz P, Ris F, Morel P *Perirenal fat surface area as a risk factor for morbidity after elective colorectal surgery*. Dis Colon Rectum. 2014 Feb;57(2):201-9. doi: 10.1097/DCR.000000000000029.
39. Almaghlouth A, Cionca N, Cancela J, Décaillet F, **Courvoisier DS**, Giannopoulou C, et al. *Effect of periodontal treatment on peak serum levels of inflammatory markers*. Clinical Oral Investigations 2014: 1-9.
40. **Courvoisier DS**. *Cellphone well-being*. In: Michalos AC, editor. Encyclopedia of quality of life and well-being research. Dordrecht, Netherlands: Springer; 2014. p. 633-4.
41. Cullati S, Rousseaux E, **Courvoisier DS**, Gabadinho A, Burton-Jeangros C. *Factors of change and cumulative factors in self-rated health trajectories: a systematic review*. Advances in Life Course Research 2014; 19: 14-27.
42. Haller C, Etter JF, **Courvoisier DS**. *Trajectories in cigarette dependence as a function of anxiety: A multilevel analysis*. Drug Alcohol Depend 2014.
43. Siegenthaler N, Giraud R, Saxer T, **Courvoisier DS**, Romand J-A, Brochard L, et al. *Hemodynamic monitoring in Swiss intensive care units: results from a web based survey*. BioMed Res Int 2014.
44. Cullati S, **Courvoisier DS**, Burton-Jeangros C. *Mental health trajectories and their embeddedness in work and family circumstances: A latent state-trait approach to life-course trajectories*. Sociology of Health and Illness in press.
45. Genevay S, Marty M, Rozenberg S, **Courvoisier DS**, Cedraschi C, for the Spine Group of the French Society of Rheumatology. *Core Outcome Measure Index: full validation process of the French version*. Eur Spine J in press.
46. Kocum L, **Courvoisier DS**. *The Social Identity of Working Women: Queen Bee Phenomenon or Collective Mobility Strategy?* In: Fisher M, editor. Handbook of Women and Competition in press.
47. Gex G, Pralong JA, **Combescure C**, Seijo L, Rochat T, Soccal PM. *Diagnostic yield and safety of electromagnetic navigation bronchoscopy for lung nodules: a systematic review and meta-analysis*. Respiration. 2014;87(2):165-76. doi: 10.1159/000355710. Epub 2014 Jan 3. PubMed PMID: 24401166.
48. Imholz B, **Combescure C**, Scolozzi P. *Is age of the patient an independent predictor influencing the management of cranio-maxillo-facial trauma? A retrospective study of 308 patients*. Oral Surg Oral Med Oral Pathol Oral Radiol. 2014 Jun;117(6):690-6. doi: 10.1016/j.oooo.2014.03.010. Epub 2014 Mar 24. PubMed PMID: 24842446.