

Publications 2020

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

sous la responsabilité des Prs A. Gayet-Ageron et T. Perneger

1. **Effect of C-Reactive Protein-Guided Antibiotic Treatment Duration, 7-Day Treatment, or 14-Day Treatment on 30-Day Clinical Failure Rate in Patients With Uncomplicated Gram-Negative Bacteremia: A Randomized Clinical Trial.** von Dach E, Albrich WC, Brunel AS, Prendki V, Cuvelier C, Flury D, Gayet-Ageron A, Huttner B, Kohler P, Lemmenmeier E, McCallin S, Rossel A, Harbarth S, Kaiser L, Bochud PY, Huttner A. *JAMA*. 2020 Jun 2;323(21):2160-2169. doi: 10.1001/jama.2020.6348.PMID: 32484534 Free PMC article. Clinical Trial.
2. **Early experimental COVID-19 therapies: associations with length of hospital stay, mortality and related costs.** Vernaz N, Agoritsas T, Calmy A, Gayet-Ageron A, Gold G, Perrier A, Picard F, Prendki V, Reny JL, Samer C, Stimmann J, Vetter P, Zanella MC, Zekry D, Baggio S. *Swiss Med Wkly*. 2020 Dec 31;150:w20446. doi: 10.4414/smw.2020.20446. eCollection 2020 Dec 14. PMID: 33382449
3. **Antifibrinolytic drugs for treating primary postpartum hemorrhage.** Shakur H, Beaumont D, Pavord S, Gayet-Ageron A, Ker K, Mousa HA. *Emergencias*. 2020 Jun;32(3):203-205. PMID: 32395932 English, Spanish. No abstract available.
4. **Correction to: Alternative graphical displays for the monitoring of epidemic outbreaks, with application to COVID-19 mortality.** Perneger T, Kevorkian A, Grenet T, Gallée H, Gayet-Ageron A. *BMC Med Res Methodol*. 2020 Oct 26;20(1):265. doi: 10.1186/s12874-020-01147-z.PMID: 33106163 Free PMC article.
5. **Effects of Beta-Blockers on Melanoma Microenvironment and Disease Survival in Human.** Wrobel LJ, Gayet-Ageron A, Le Gal FA. *Cancers (Basel)*. 2020 Apr 28;12(5):1094. doi: 10.3390/cancers12051094.PMID: 32353988 Free PMC article.
6. **Evidence of survival benefit was often ambiguous in randomized trials of cancer treatments.** Perneger TV, Brindel P, Combescure C, Gayet-Ageron A. *A.J Clin Epidemiol*. 2020 Nov;127:1-8. doi: 10.1016/j.jclinepi.2020.06.026. Epub 2020 Jul 3.PMID: 32622900
7. **Study design factors influencing patients' willingness to participate in clinical research: a randomised vignette-based study.** Gayet-Ageron A, Rudaz S, Perneger T. *BMC Med Res Methodol*. 2020 Apr 26;20(1):93. doi: 10.1186/s12874-020-00979-z.PMID: 32336266 Free PMC article.
8. **Alternative graphical displays for the monitoring of epidemic outbreaks, with application to COVID-19 mortality.** Perneger T, Kevorkian A, Grenet T, Gallée H, Gayet-Ageron A. *BMC Med Res Methodol*. 2020 Oct 6;20(1):248. doi: 10.1186/s12874-020-01122-8.PMID: 33023505 Free PMC article.
9. **Using mHealth to Increase the Reach of Local Guidance to Health Professionals as Part of an Institutional Response Plan to the COVID-19 Outbreak: Usage Analysis Study.** Windisch O, Zamberg I, Zanella MC,

Gayet-Ageron A, Blondon K, Schiffer E, Agoritsas T. *JMIR Mhealth Uhealth*. 2020 Aug 19;8(8):e20025. doi: 10.2196/20025.PMID: 32749996 Free PMC article.

10. **Preparedness and Reorganization of Care for Coronavirus Disease 2019 Patients in a Swiss ICU: Characteristics and Outcomes of 129 Patients.** Primmaz S, Le Terrier C, Suh N, Ventura F, Boroli F, Bendjelid K, Cereghetti S, Giraud R, Heidegger C, Pugin D, Siegenthaler N, Tassaux D, Cabrol JC, Dolet N, Ellenberger C, Keli Barcelos G, Licker MJ, Savoldelli G, Schiffer E, Gayet-Ageron A, Kaiser L, Tramèr MR, Pugin J. *Crit Care Explor*. 2020 Jul 29;2(8):e0173. doi: 10.1097/CCE.000000000000173. eCollection 2020 Aug.PMID: 32766566 Free PMC article.

11. **Multidisciplinary care in amyotrophic lateral sclerosis: a 4-year longitudinal observational study.** Sukockienė E, Iancu Ferfaglia R, Truffert A, Héritier Barras AC, Genton L, Viatte V, Leuchter I, Escher M, Horie N, Poncet A, Pasquina P, Adler D, Janssens JP. *Swiss Med Wkly*. 2020 Jun 9;150:w20258. doi: 10.4414/smw.2020.20258. eCollection 2020 Jun 1.PMID: 32579697 Free article.

12. **Discordant Clostridioides difficile diagnostic assay and treatment practice: a cross-sectional study in a tertiary care hospital, Geneva, Switzerland.** Lenggenhager L, Zanella MC, Poncet A, Kaiser L, Schrenzel J. *BMJ Open*. 2020 Sep 13;10(9):e036342. doi: 10.1136/bmjopen-2019-036342.PMID: 32928850 Free PMC article.

13. **Walking Speed and Maximal Knee Flexion During Gait After Total Knee Arthroplasty: Minimal Clinically Important Improvement Is Not Determinable; Patient Acceptable Symptom State Is Potentially Useful.** Bonnefoy-Mazure A, Lübbecke A, Miozzari HH, Armand S, Sagawa Y Junior, Turcot K, Poncet A. *J Arthroplasty*. 2020 Oct;35(10):2865-2871.e2. doi: 10.1016/j.arth.2020.05.038. Epub 2020 May 26.PMID: 32646679

14. **Feasibility and safety of high-intensity interval training for the rehabilitation of geriatric inpatients (HIITERGY) a pilot randomized study.** Pires Peixoto R, Trombert V, Poncet A, Kizlik J, Gold G, Ehret G, Trombetti A, Reny JL. *BMC Geriatr*. 2020 Jun 5;20(1):197. doi: 10.1186/s12877-020-01596-7.PMID: 32503465 Free PMC article. Clinical Trial.

15. **Adaptive Servo-Ventilation: A Comprehensive Descriptive Study in the Geneva Lake Area.** Cantero C, Adler D, Pasquina P, Uldry C, Egger B, Prella M, Younossian AB, Poncet A, Soccac-Gasche P, Pepin JL, Janssens JP. *Front Med (Lausanne)*. 2020 Apr 3;7:105. doi: 10.3389/fmed.2020.00105. eCollection 2020.PMID: 32309284 Free PMC article.

16. **GABAergic modulation of secondary hyperalgesia: A randomized controlled 4-way crossover trial with the α 2-subunit preferring GABA positive allosteric modulator, N-desmethyl-clobazam in healthy volunteers.** Matthey A, Daali Y, Curtin F, Poncet A, Desmeules J, Besson M. *Eur J Pain*. 2020 Jul;24(6):1094-1106. doi: 10.1002/ejp.1554. Epub 2020 Apr 1.PMID: 32171038 Clinical Trial.

17. **Rapid Sequence Induction With a Standard Intubation Dose of Rocuronium After Magnesium Pretreatment Compared With Succinylcholine: A Randomized Clinical Trial.** Czarnetzki C, Albrecht E, Masouyé P, Baeriswyl M, Poncet A, Robin M, Kern C, Tramèr MR. *Anesth Analg*. 2020 Dec 17. doi: 10.1213/ANE.0000000000005324. Online ahead of print.PMID: 33337797

18. **Overall and subgroup specific performance of the pediatric index of mortality 2 score in Switzerland: a national multicenter study.** Polito A, Giacobino C, Combescure C, Levy-Jamet Y, Rimensberger P; Swiss Society of Intensive Care Medicine. *Eur J Pediatr*. 2020 Oct;179(10):1515-1521. doi: 10.1007/s00431-020-03639-y. Epub 2020 Apr 1.PMID: 32239292

19. **Impact of ischemia time on islet isolation success and posttransplantation outcomes: A retrospective study of 452 pancreas isolations.** Wassmer CH, Perrier Q, Combescure C, Pernin N, Parnaud G, Cottet-Dumoulin D, Brioudes E, Bellofatto K, Lebreton F, Berishvili E, Lablanche S, Kessler L, Wojtuszczyz A, Buron F, Borot S, Bosco D, Berney T, Lavallard V. *Am J Transplant.* 2020 Sep 28. doi: 10.1111/ajt.16320. Online ahead of print.PMID: 32986297
20. **Patient satisfaction and survey response in 717 hospital surveys in Switzerland: a cross-sectional study.** Perneger TV, Peytremann-Bridevaux I, Combescure C. *BMC Health Serv Res.* 2020 Mar 2;20(1):158. doi: 10.1186/s12913-020-5012-2.PMID: 32122346 Free PMC article.
21. **Variables of interest to predict glomerular filtration rate in preterm newborns in the first days of life.** Wilhelm-Bals A, Combescure C, Chehade H, Daali Y, Parvex P. *Pediatr Nephrol.* 2020 Apr;35(4):703-712. doi: 10.1007/s00467-019-04257-z. Epub 2019 Apr 18.PMID: 31001662
22. **Validation of the corticomedullary difference in magnetic resonance imaging-derived apparent diffusion coefficient for kidney fibrosis detection: a cross-sectional study.** Berchtold L, Friedli I, Crowe LA, Martinez C, Moll S, Hadaya K, de Perrot T, Combescure C, Martin PY, Vallée JP, de Seigneux S. *Nephrol Dial Transplant.* 2020 Jun 1;35(6):937-945. doi: 10.1093/ndt/gfy389.PMID: 30608554
23. **Microbiologically documented infections after adult allogeneic hematopoietic cell transplantation: A 5-year analysis within the Swiss Transplant Cohort study.** Vu DL, Dayer JA, Masouridi-Levrat S, Combescure C, Boely E, Khanna N, Mueller NJ, Kleber M, Medinger M, Halter J, Passweg J, Müller AM, Schanz U, Chalandon Y, Neofytos D, van Delden C, Kaiser L; Swiss Transplant Cohort Study. *Transpl Infect Dis.* 2020 Aug;22(4):e13289. doi: 10.1111/tid.13289. Epub 2020 Apr 27.PMID: 32277837
24. **Radiation-induced optic neuropathy after pencil beam scanning proton therapy for skull-base and head and neck tumours.** Kountouri M, Pica A, Walser M, Albertini F, Bolsi A, Kliebsch U, Bachtiry B, Combescure C, Lomax AJ, Schneider R, Weber DC. *Br J Radiol.* 2020 Mar;93(1107):20190028. doi: 10.1259/bjr.20190028. Epub 2019 Aug 1. PMID: 31322969
25. **Mapping of aetiologies of gastroenteritis: a systematic review and meta-analysis of pathogens identified using a multiplex screening array.** Meyer J, Roos E, Combescure C, Buchs NC, Frossard JL, Ris F, Toso C, Schrenzel J. *Scand J Gastroenterol.* 2020 Dec;55(12):1405-1410. doi: 10.1080/00365521.2020.1839128. Epub 2020 Nov 4.PMID: 33147077
26. **Perioperative intravenous low-dose ketamine for neuropathic pain after major lower back surgery: A randomized, placebo-controlled study.** Czarnetzki C, Desmeules J, Tessitore E, Faundez A, Chabert J, Daali Y, Fournier R, Dupuis-Lozeron E, Cedraschi C, Richard Tramèr M. *Eur J Pain.* 2020 Mar;24(3):555-567. doi: 10.1002/ejp.1507. Epub 2019 Dec 9.PMID: 31743533 Clinical Trial.
27. **Experimental dyspnoea interferes with locomotion and cognition: a randomised trial.** Lawi D, Dupuis-Lozeron E, Berra G, Allali G, Similowski T, Adler D. *Eur Respir J.* 2020 Aug 6;56(2):2000054. doi: 10.1183/13993003.00054-2020. Print 2020 Aug.PMID: 32299853
28. **Assessment of spontaneous neuromuscular recovery: A comparison of the TOF-Cuff® with the TOF Watch SX®.** Sfeir Machado E, Keli-Barcelos G, Dupuis-Lozeron E, Tramèr MR, Czarnetzki C. *Acta Anaesthesiol Scand.* 2020 Feb;64(2):173-179. doi: 10.1111/aas.13487. Epub 2019 Oct 28.PMID: 31593293
29. **Formal String Instrument Training in a Class Setting Enhances Cognitive and Sensorimotor Development of Primary School Children.** James CE, Zuber S, Dupuis-Lozeron E, Abdili L, Gervaise D, Kliegel M. *Front Neurosci.* 2020 Jun 16;14:567. doi: 10.3389/fnins.2020.00567. eCollection 2020. PMID: 32612501 Free PMC article.