

Publications

Improved Exercise Tolerance, Oxygen Delivery, and Oxygen Utilization After Transcatheter Aortic Valve Implantation for Severe Aortic Stenosis.

Suppan M, Keli Barcelos G, Luise S, Diaper J, Frei A, Ellenberger C, Adamopoulos D, Noble S, Licker M. CJC Open. 2020.

Goal-directed hemodynamic therapy versus restrictive normovolemic therapy in major open abdominal surgery: A randomized controlled trial.

Diaper J, Schiffer E, Keli Barcelos G, Luise S, Schorer R, Ellenberger C, Licker M. Surgery. 2020.

Easy-to-prescribe nutrition support in the intensive care in the era of COVID-19.

de Watteville A, Genton L, Barcelos GK, Pugin J, Pichard C, Heidegger CP. Clin Nutr ESPEN. 2020 Oct;39:74-78. Clin Nutr ESPEN. 2020.

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. eCollection 2020 Aug. Crit Care Explor. 2020.

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. Acta Anaesthesiol Scand. 2020.

Early Experience with Intraoperative Leak Test Using a Blend of Methylene Blue and Indocyanine Green During Robotic Gastric Bypass Surgery.

Hagen ME, Diaper J, Douissard J, Jung MK, Buehler L, Aldenkortt F, Barcelos GK, Morel P. Obes Surg. 2019 Mar;29(3):949-952. Obes Surg. 2019.

Effect of Intraoperative High Positive End-Expiratory Pressure (PEEP) With Recruitment Maneuvers vs Low PEEP on Postoperative Pulmonary Complications in Obese Patients: A Randomized Clinical Trial.

Writing Committee for the PROBESE Collaborative Group of the PROtective VEntilation Network (PROVENet) for the Clinical Trial Network of the European Society of Anaesthesiology, Bluth T, Serpa Neto A, Schultz MJ, Pelosi P, Gama de Abreu M; PROBESE Collaborative Group, Bluth T, Bobek I, Canet JC, Cinnella G, de Baerdemaeker L, Gama de Abreu M, Gregoretto C, Hedenstierna G, Hemmes SNT, Hiesmayr M, Hollmann MW, Jaber S, Laffey J, Licker MJ, Markstaller K, Matot I, Mills GH, Mulier JP, Pelosi P, Putensen C, Rossaint R, Schmitt J, Schultz MJ, Senturk M, Serpa Neto A, Severgnini P, Sprung J, Vidal Melo MF, Wrigge H. Writing Committee for the PROBESE Collaborative

Group of the PROtective VEntilation Network (PROVENet) for the Clinical Trial Network of the European Society of Anaesthesiology, et al. JAMA. 2019 Jun 18;321(23):2292-2305.

A Case of Persistence of Normal Tissue Oxygenation Monitored by Near-Infrared Spectroscopy (NIRS) Values Despite Prolonged Perioperative Cardiac Arrest.

Maillard J, Sologashvili T, Diaper J, Licker MJ, Keli Barcelos G. Am J Case Rep. 2019 Jan 5;20:21-25. Am J Case Rep. 2019.

Placing intracerebral probes to optimise detection of delayed cerebral ischemia and allow for the prediction of patient outcome in aneurysmal subarachnoid haemorrhage.

Tholance Y, Barcelos GK, Perret-Liaudet A, Omar E, Carrillon R, Grousseau S, Lieutaud T, Dailier F, Marinesco S. J Cereb Blood Flow Metab. 2017 Aug;37(8):2820-2832.

Assessment of Haemostasis in patients undergoing emergent neurosurgery by rotational Elastometry and standard coagulation tests: a prospective observational study.

Ellenberger C, Garofano N, Barcelos G, Diaper J, Pavlovic G, Licker M. BMC Anesthesiol. 2017 Oct 24;17(1):146

Clinical Neurochemistry of Subarachnoid Hemorrhage: Toward Predicting Individual Outcomes via Biomarkers of Brain Energy Metabolism.

Tholance Y, Barcelos G, Dailier F, Perret-Liaudet A, Renaud B. ACS Chem Neurosci. 2015 Dec 16;6(12):1902-5.

CSF neopterin level as a diagnostic marker in primary central nervous system lymphoma.

Viaccoz A, Ducray F, Tholance Y, Barcelos GK, Thomas-Maisonneuve L, Ghesquière H, Meyronet D, Quadrio I, Cartalat-Carel S, Louis-Tisserand G, Jouanneau E, Guyotat J, Honnorat J, Perret-Liaudet Neuro Oncol. 2015 Nov;17(11):1497-503.

Biochemical neuromonitoring of poor-grade aneurysmal subarachnoid hemorrhage: comparative analysis of metabolic events detected by cerebral microdialysis and by retrograde jugular vein catheterization.

Tholance Y, Barcelos GK, Dailier F, Renaud B, Marinesco S, Perret-Liaudet A. Tholance Y, et al. Neurol Res. 2015 Jul;37(7):578-87.

Outcome of poor-grade subarachnoid hemorrhage as determined by biomarkers of glucose cerebral metabolism.

Barcelos GK, Tholance Y, Grousseau S, Renaud B, Perret-Liaudet A, Dailier F, Zimmer L. Neurocrit Care. 2013 Apr;18(2):234-44.

Analytical validation of microdialysis analyzer for monitoring glucose, lactate and pyruvate in cerebral microdialysates.

Tholance Y, Barcelos G, Quadrio I, Renaud B, Dailier F, Perret-Liaudet A. Clinica Chimica Acta. March 2011 Volume 412, Issues 7–8, 18

Livres

I. Quadrio, G. K. Barcelos, P-Liaudet. **Risque Prion en anesthésie et réanimation.** Collaboration à Professeur Jean-Jacques Lehot et Maxime Canesson. Nouveaux risques en anesthésie-réanimation - Editeur Arnette, octobre 2009- France.

Présentations scientifiques

Evaluation Of Non-invasive Cardiac Output Monitoring In The Presence Of Hemodynamic Instability. **The Anesthesiology Annual Meeting (American Society of Anesthesiologists). October 2-5, 2020. A4098.**

Correlation Between Cardiac Output And Microcirculation: A Randomized Crossover Experimental Study. **The Anesthesiology Annual Meeting (American Society of Anesthesiologists). October 2-5, 2020. A3012.**

Effects Of Vasopressors On The Micro- And Macrocirculation: A Randomized Crossover Animal Study. **The Anesthesiology Annual Meeting (American Society of Anesthesiologists). October 2-5, 2020. A3013**

Comparaison of the TOF cuff whit watch SX in undergoing surgery: An observational study. **Euroanaesthesia 2018. The European Anaesthesiology Congress. 2-4 june 2018- Copenhagen, Denmark.**

Perioperative cognitive function: Identifying risk factors of cognitive disorders and their differential diagnosis. **Euroanaesthesia 2017. The European Anaesthesiology Congress 3-5 june 2017- Geneva, Switzerland.**

Cerebrospinal fluid biomarkers for diagnosis/prognosis of neurological disease. 21st International Congress of Clinical Chemistry and Laboratory Medicine. **19th IFCC EFCC European Congress of clinical Chemistry and Laboratory Medicine. 8th Annual Meeting of the German Society of Clinical Chemistry and Laboratory medicine. May 15 to 19, 2011- Berlin, Germany.**

Analytical Validation of ISCUSflex Analyser for Monitoring Glucose, Lactate and Pyruvate in Cerebral Microdialysates. **6th Congress Euroneuro– February 5, 2010 – Porto, Portugal.**

Les altérations neurochimiques observées par microdialyse intracérébrale dans les hémorragies sous-arachnoïdiennes sont-elles secondaires à des variations du débit sanguin régional cérébral? **Congrès National d'Anesthésie et de Réanimation SFAR 23-26 septembre 2009 Paris /France**

Doppler transcrânien versus Echo-Doppler Collor et perfusion cérébrale. Congrès National d'Anesthésie et de Réanimation SFAR 23-26 septembre 2009. **Congrès National d'Anesthésie et de Réanimation SFAR 23-26 septembre 2009 Paris / France.**

Levopubivacaine scalp nerve block. European Journal of Anaesthesiology 2008; **EuroNeuro Congress Maastricht, Netherlands 16-19 January 2008.**

Diagnostic marker of secondary ischaemia after subarachnoid haemorrhage: P40. European Journal of Anaesthesiology 01/2008; 25. DOI: 10.1097/00003643-200801001-00040. **EuroNeuro Congress Maastricht, Netherlands 16-19 January 2008.**

ARC chez le patient obèse morbide et ressuscitation avec massage cardiaque sous- diafragmatica. **Sao Paulo Medical Journal 01/2005; 123. DOI: 10.1590/S1516- 31802005000700043.**

Abdominal hypertension and compartmental syndrome in intensive care medicine. **3rd International Symposium on Intensive Care and Emergency Medicine for Latin America, June 22-25 2005.**

Prognostics index: evaluation of Sequential Organ Failure Assessment and Multiple Organ Dysfunction Score in patients after cardiac arrest in intensive care. **3rd International Symposium on Intensive Care and Emergency Medicine for Latin America, June 2005.**

Influence of the increase of positive end expiratory pressure on the intra-abdominal pressure. **3rd International Symposium on Intensive Care and Emergency Medicine for Latin America, Inc. June 22-25 2005.** Evaluation of SOFA and MODS in Patients after cardiac arrest in intensive care Prognostics Index. **16th Annual Congress Amsterdam, Netherlands 5-8 October 2003.**

Subjective global assessment of nutritional status: ICU applicability. Intensive Care Medicine, vol.28, Suppl.1, September 2002. **15th Annual Congress- European Society of Intensive Care Medicine- Barcelona, 2002.**

Knowledge in cardiopulmonary resuscitation: a profile of the health care providers. **56th PGA- Postgraduate Assembly- The New York State Society of Anesthesiologists, Inc. December 6-10 2002 New York /USA.**

Eletrocardiographycs modifications during the removal of mechanical ventilation: initial results of continuous electrocardiography monitoring (Holter). **56th PGA- Postgraduate Assembly- The New York State Society of Anesthesiologists, Inc. December 6 -10, 2002 New York /USA.**

7th Latino American of Resuscitation Forum, Brazil, 26 – 30 April 2002. ICU: a profile of the Public Hospital.

Enseignement

Pré-grade (Université de Genève)

2020/2021

Bachelor - 2ème année (Médecine humaine et dentaire) /Cœur et Circulation.

2019/2020

Bachelor - 3ème année (Médecine humaine) /Neurosciences.

Bachelor - 2ème année (Médecine humaine et dentaire) /Cœur et Circulation.

2018/2019

Bachelor - 2ème année (Médecine humaine et dentaire) / Cœur et Circulation.

Bachelor - 2ème année (Médecine humaine et dentaire) / Excrétion et Homéostasie.

Bachelor - 2ème année (Médecine humaine et dentaire) /Respiration.

2017/2018

Bachelor - 2ème année (Médecine humaine et dentaire) /Excrétion et homéostasie.

2016/2017

Bachelor - 2ème année/Excrétion et Homéostasie.

Post-grade (Hôpitaux Universitaire de Genève)

Formation post-graduée des internes en anesthésie et réanimation.

Formation continue compétences cliniques des infirmiers anesthésistes.

Formation continue

Formation » Basic Life Support « pour les nouveaux arrivants HUG.