









# Persona

## PUBLICATIONS

Retrouvez ici les dernières publications de nos partenaires en lien avec la thématique de la FHU :

[>> 2021](#) [>> 2020](#) [>> 2019](#) [>> Enfants](#)

**2021**

**Changes in pulse pressure variation to assess preload responsiveness in mechanically ventilated patients with spontaneous breathing activity: an observational study.**

Hamzaoui O, Shi R, Carelli S, Sztrymf B, Prat D, Jacobs F, Monnet X, Gouëzel C, Teboul JL. Br J Anaesth. 2021 Oct;127(4):532-538. doi: 10.1016/j.bja.2021.05.034. Epub 2021 Jul 8. PMID: 34246460

**Bioreactance reliably detects preload responsiveness by the end-expiratory occlusion test when averaging and refresh times are shortened.**

Gavelli F, Beurton A, Teboul JL, De Vita N, Azzolina D, Shi R, Pavot A, Monnet X. *Ann Intensive Care*. 2021 Aug 28;11(1):133. doi: 10.1186/s13613-021-00920-7. PMID: 34453633

**Norepinephrine potentiates the efficacy of volume expansion on mean systemic pressure in septic shock.**

Adda I, Lai C, Teboul JL, Guerin L, Gavelli F, Monnet X. *Crit Care*. 2021 Aug 21;25(1):302. doi: 10.1186/s13054-021-03711-5. PMID: 34419120

**Cardio-pulmonary-renal interactions in ICU patients. Role of mechanical ventilation, venous congestion and perfusion deficit on worsening of renal function: Insights from the MIMIC-III database.**

Geri G, Ferrer L, Tran N, Celi LA, Jamme M, Lee J, Vieillard-Baron A. *J Crit Care*. 2021 Aug;64:100-107. doi: 10.1016/j.jcrc.2021.03.013. Epub 2021 Mar 29. PMID: 33845445

**Complement Inhibition and COVID-19: The Story so Far.**

Fodil S, Annane D. *Immunotargets Ther*. 2021 Jul 26;10:273-284. doi: 10.2147/ITT.S284830. eCollection 2021. PMID: 34345614

**Myeloid phenotypes in severe COVID-19 predict secondary infection and mortality: a pilot study.**

Marais C, Claude C, Semaan N, Charbel R, Barreault S, Travert B, Piloquet JE, Demailly Z, Morin L, Merchaoui Z, Teboul JL, Durand P, Miatello J, Tissières P; COVID-19 Immune Suppression (CLOVIS) Study Group. *Ann Intensive Care*. 2021 Jul 14;11(1):111. doi: 10.1186/s13613-021-00896-4. PMID: 34259942

**COVID-19 ARDS is characterized by higher extravascular lung water than non-COVID-19 ARDS: the PiCCOVID study.**

Shi R, Lai C, Teboul JL, Dres M, Moretto F, De Vita N, Pham T, Bonny V, Mayaux J, Vaschetto R, Beurton A, Monnet X. *Crit Care*. 2021 Jun 1;25(1):186. doi: 10.1186/s13054-021-03594-6. PMID: 34074313 Free PMC article. Clinical Trial.

**Glucocorticoid-Glucocorticoid Receptor Response to Severe Acute Respiratory Syndrome Coronavirus 2.**

Annane D, Godot V. *Crit Care Med*. 2021 Jun 1. doi: 10.1097/CCM.0000000000005162. Online ahead of print. PMID: 34049310

**SARS-CoV-2 reinfections among hospital staff in the greater Paris area.**

Davido B, De Truchis P, Lawrence C, Annane D, Domart-Rancon M, Gault E, Saleh-Mghir A, Delarocque-Astagneau E, Gautier S. *J Travel Med.* 2021 Jun 1;28(4):taab058. doi: 10.1093/jtm/taab058. PMID: 33834251

**Acute kidney injury in SARS-CoV2-related pneumonia ICU patients: a retrospective multicenter study.**

Geri G, Darmon M, Zafrani L, Fartoukh M, Voiriot G, Le Marec J, Nemlaghi S, Vieillard-Baron A, Azoulay E. *Ann Intensive Care.* 2021 May 31;11(1):86. doi: 10.1186/s13613-021-00875-9. PMID: 34057648

**Intravenous immunoglobulin treatment for patients with severe COVID-19: a retrospective multi-center study.**

Liu J, Chen Y, Li R, Wu Z, Xu Q, Li Z, Annane D, Feng H, Huang S, Guo J, Zhang L, Ye X, Zhu W, Du H, Liu Y, Wang T, Chen L, Wen Z, Teboul JL, Chen D. *Clin Microbiol Infect.* 2021 May 18:S1198-743X(21)00234-2. doi: 10.1016/j.cmi.2021.05.012. Online ahead of print. PMID: 34020032

**Multidisciplinary approach for post-acute COVID-19 syndrome: time to break down the walls.**

Montani D, Savale L, Beurnier A, Colle R, Noël N, Pham T, Monnet X, Humbert M. *Eur Respir J.* 2021 May 6:2101090. doi: 10.1183/13993003.01090-2021. Online ahead of print. PMID: 33958429

**Effects of Prone Positioning on Venous Return in Patients With Acute Respiratory Distress Syndrome.**

Lai C, Adda I, Teboul JL, Persichini R, Gavelli F, Guérin L, Monnet X. *Crit Care Med.* 2021 May 1;49(5):781-789. doi: 10.1097/CCM.0000000000004849. PMID: 33590997

**Corticosteroids in COVID-19 and non-COVID-19 ARDS: a systematic review and meta-analysis.**

Chaudhuri D, Sasaki K, Karkar A, Sharif S, Lewis K, Mammen MJ, Alexander P, Ye Z, Lozano LEC, Munch MW, Perner A, Du B, Mbuagbaw L, Alhazzani W, Pastores SM, Marshall J, Lamontagne F, Annane D, Meduri GU, Rochwerg B. *Intensive Care Med.* 2021 Apr 19:1-17. doi: 10.1007/s00134-021-06394-2. Online ahead of print. PMID: 33876268

## **The Surviving Sepsis Campaign: Research Priorities for Coronavirus Disease 2019 in Critical Illness.**

Coopersmith CM, Antonelli M, Bauer SR, Deutschman CS, Evans LE, Ferrer R, Hellman J, Jog S, Kesecioglu J, Kisson N, Martin-Loeches I, Nunnally ME, Prescott HC, Rhodes A, Talmor D, Tissieres P, De Backer D. Crit Care Med. 2021 Apr 1;49(4):598-622. doi: 10.1097/CCM.0000000000004895. PMID: 33591008

## **Do changes in pulse pressure variation and inferior vena cava distensibility during passive leg raising and tidal volume challenge detect preload responsiveness in case of low tidal volume ventilation?**

Taccheri T, Gavelli F, Teboul JL, Shi R, Monnet X. Crit Care. 2021 Mar 18;25(1):110. doi: 10.1186/s13054-021-03515-7. PMID: 33736672

## **Four-Month Clinical Status of a Cohort of Patients After Hospitalization for COVID-19.**

Writing Committee for the COMEBAC Study Group, Morin L, Savale L, Pham T, Colle R, Figueiredo S, Harrois A, Gasnier M, Lecoq AL, Meyrignac O, Noel N, Baudry E, Bellin MF, Beurnier A, Choucha W, Corruble E, Dortet L, Hardy-Leger I, Radiguer F, Sportouch S, Verny C, Wyplosz B, Zaidan M, Becquemont L, Montani D, Monnet X. JAMA. 2021 Mar 17. doi: 10.1001/jama.2021.3331. Online ahead of print. PMID: 33729425

## **Pain and dyspnea control during awake fiberoptic bronchoscopy in critically ill patients: safety and efficacy of remifentanil target-controlled infusion.**

Caron M, Parrot A, Elabbadi A, Dupeyrat S, Turpin M, Bauray T, Rozenchwajg S, Blayau C, Fulgencio JP, Gibelin A, Blanchard PY, Rodriguez S, Daigné D, Allain MC, Fartoukh M, Pham T. Ann Intensive Care. 2021 Mar 16;11(1):48. doi: 10.1186/s13613-021-00832-6. PMID: 33725225

## **Interleukin-6 Receptor Antagonists in Critically Ill Patients with Covid-19.**

REMAP-CAP Investigators. N Engl J Med. 2021 Feb 25. doi: 10.1056/NEJMoa2100433

## **Neutrophil Extracellular Traps in SARS-CoV2 Related Pneumonia in ICU Patients: The NETCOV2 Study.**

Godement M, Zhu J, Cerf C, Vieillard-Baron A, Maillon A, Zuber B, Bardet V, Geri G. Front Med (Lausanne). 2021 Feb 23;8:615984. doi: 10.3389/fmed.2021.615984. eCollection 2021. PMID: 33708778

## **Impact of Angiotensin-Converting Enzyme Inhibitors and Angiotensin II Receptor**

### **Blockers in Hypertensive Patients with COVID-19 (COVIDECA Study).**

Mustafic H, Fayssoil A, Josseran L, Ouadahi M, Grimaldi-Bensouda L, Dubourg O, Annane D, Mansencal N. *Am J Cardiol.* 2021 Feb 20:S0002-9149(21)00153-3. doi: 10.1016/j.amjcard.2021.02.009. Online ahead of print.

### **The first wave of COVID-19 in hospital staff members of a tertiary care hospital in the greater Paris area: A surveillance and risk factors study.**

Davido B, Gautier S, Riom I, Landowski S, Lawrence C, Thiebaut A, Bessis S, Perronne V, Mascitti H, Noussair L, Rancon MD, Touraine B, Rouveix E, Herrmann JL, Annane D, de Truchis P, Delarocque-Astagneau E; Garches COVID-19 Collaborative Group. *Int J Infect Dis.* 2021 Feb 16;105:172-179. doi: 10.1016/j.ijid.2021.02.055. Online ahead of print.

### **Automated detection and quantification of reverse triggering effort under mechanical ventilation.**

Pham T, Montanya J, Telias I, Piraino T, Magrans R, Coudroy R, Damiani LF, Mellado Artigas R, Madorno M, Blanch L, Brochard L; BEARDS study investigators. *Crit Care.* 2021 Feb 15;25(1):60. doi: 10.1186/s13054-020-03387-3. PMID: 33588912

### **The spectrum of kidney biopsies in hospitalized patients with COVID-19, acute kidney injury, and/or proteinuria.**

Ferlicot S, Jamme M, Gaillard F, Oniszczyk J, Couturier A, May O, Grunenwald A, Sannier A, Moktefi A, Le Monnier O, Petit-Hoang C, Maroun N, Brodin-Sartorius A, Michon A, Doboszewicz H, Andreelli F, Guillet M, Izzedine H, Richard C, Dekeyser M, Arrestier R, Sthele T, Lefevre E, Mathian A, Legendre C, Mussini C, Verpont MC, Pallet N, Amoura Z, Essig M, Snanoudj R, Brocheriou-Spelle I, Francois H, Belenfant X, Geri G, Daugas E, Audard V, Buob D, Massy ZA, Zaidan M; AP-HP/Universities/Inserm COVID-19 research collaboration. *Nephrol Dial Transplant.* 2021 Feb 12:gfab042. doi: 10.1093/ndt/gfab042.

### **Aspirin for the primary prevention of sepsis.**

Annane D. *Lancet Respir Med.* 2021 Feb;9(2):121-122. doi: 10.1016/S2213-2600(20)30410-0.

### **Current use of inotropes in circulatory shock.**

Scheeren TWL, Bakker J, Kaufmann T, Annane D, Asfar P, Boerma EC, Cecconi M, Chew MS, Cholley B, Cronhjort M, De Backer D, Dubin A, Dunser MW, Duranteau J, Gordon AC, Hajjar LA, Hamzaoui O, Hernandez G, Kanoore Edul V, Koster G, Landoni



G, Leone M, Levy B, Martin C, Mebazaa A, Monnet X, Morelli A, Payen D, Pearse RM, Pinsky MR, Radermacher P, Reuter DA, Sakr Y, Sander M, Saugel B, Singer M, Squara P, Vieillard-Baron A, Vignon P, Vincent JL, van der Horst ICC, Vistisen ST, Teboul JL. *Ann Intensive Care*. 2021 Jan 29;11(1):21. doi: 10.1186/s13613-021-00806-8.

**Chronic kidney disease is a key risk factor for severe COVID-19: a call to action by the ERA- EDTA.**

ERA-EDTA Council; ERACODA Working Group. *Nephrol Dial Transplant*. 2021 Jan 1;36(1):87- 94. doi: 10.1093/ndt/gfaa314.

**Metabolomics of exhaled breath in critically ill COVID-19 patients: A pilot study.**

Grassin-Delyle S, Roquencourt C, Moine P, Saffroy G, Carn S, Heming N, Fleuriet J, Salvator H, Naline E, Couderc LJ, Devillier P, Thévenot EA, Annane D; Garches COVID-19 Collaborative Group RECORDS Collaborators and Exhalomics® Collaborators. *EBioMedicine*. 2021 Jan;63:103154. doi: 10.1016/j.ebiom.2020.103154.

**2020**

**Severe acute respiratory syndrome coronavirus 2 indirectly damages kidney structures.**

Dargelos M, Couturier A, Ferlicot S, Goujon JM, Roque-Afonso AM, Gault E, Touchard G, Ory C, Kaaki S, Vilaine E, Essig M, Massy ZA. *Clin Kidney J*. 2020 Dec 14;13(6):1101-1104.

**Effects of low-dose hydrocortisone and hydrocortisone plus fludrocortisone in adults with septic shock: a protocol for a systematic review and meta-analysis of individual participant data.**

Annane D, Pirracchio R, Billot L, Waschka A, Chevret S, Cohen J, Finfer S, Gordon A, Hammond N, Myburgh J, Venkatesh B, Delaney A; ULYSSES IPDMA Collaborators. *BMJ Open*. 2020 Dec 2;10(12):e040931. doi: 10.1136/bmjopen-2020-040931.

**Assessment of Machine Learning to Estimate the Individual Treatment Effect of Corticosteroids in Septic Shock.**

Pirracchio R, Hubbard A, Sprung CL, Chevret S, Annane D; Rapid Recognition of Corticosteroid Resistant or Sensitive Sepsis (RECORDS) Collaborators. *JAMA Netw Open*. 2020 Dec 1;3(12):e2029050.

**ERACODA: the European database collecting clinical information of patients on**

### **kidney replacement therapy with COVID-19.**

Noordzij M, Duivenvoorden R, Pena MJ, de Vries H, Kieneker LM; collaborative ERACODA authors. *Nephrol Dial Transplant.* 2020 Dec 4;35(12):2023-2025.

### **Corticosteroid treatment in severe COVID-19 patients with acute respiratory distress syndrome.**

Liu J, Zhang S, Dong X, Li Z, Xu Q, Feng H, Cai J, Huang S, Guo J, Zhang L, Chen Y, Zhu W, Du H, Liu Y, Wang T, Chen L, Wen Z, Annane D, Qu J, Chen D. *J Clin Invest.* 2020 Dec 1;130(12):6417-6428.doi: 10.1172/JCI140617.

### **Results from the ERA-EDTA Registry indicate a high mortality due to COVID-19 in dialysis patients and kidney transplant recipients across Europe.**

Jager KJ, Kramer A, Chesnaye NC, Couchoud C, Sanchez-Alvarez JE, Garneata L, Collart F, Hemmelder MH, Ambuhl P, Kerschbaum J, Legeai C, Del Pino Y Pino MD, Mircescu G, Mazzoleni L, Hoekstra T, Winzeler R, Mayer G, Stel VS, Wanner C, Zoccali C, Massy ZA. *Kidney Int.* 2020 Dec;98(6):1540-1548.

### **Eculizumab as an emergency treatment for adult patients with severe COVID-19 in the intensive care unit: A proof-of-concept study.**

Annane D, Heming N, Grimaldi-Bensouda L, Frémeaux-Bacchi V, Vigan M, Roux AL, Marchal A, Michelon H, Rottman M, Moine P; Garches COVID 19 Collaborative Group. *EClinicalMedicine.* 2020 Nov;28:100590. doi: 10.1016/j.eclinm.2020.100590.

### **Sepsis in the critically ill patient: current and emerging management strategies.**

Heming N, Azabou E, Cazaumayou X, Moine P, Annane D. *Expert Rev Anti Infect Ther.* 2020 Nov 23:1-13. doi: 10.1080/14787210.2021.1846522.

### **Population pharmacokinetics of lopinavir/ritonavir in Covid-19 patients.**

Alvarez JC, Moine P, Davido B, Etting I, Annane D, Larabi IA, Simon N; Garches COVID-19 Collaborative Group\*. *Eur J Clin Pharmacol.* 2020:1-9. doi: 10.1007/s00228-020-03020-w.

### **Myorelaxants in ARDS patients.**

Hraiech S, Yoshida T, Annane D, Duggal A, Fanelli V, Gacouin A, Heunks L, Jaber S, Sottile PD, Papazian L. *Intensive Care Med.* 2020 Dec;46(12):2357-2372.

### **Pharmacological principles guiding prolonged glucocorticoid treatment in ARDS.**

Meduri GU, Annane D, Confalonieri M, Chrousos GP, Rochweg B, Busby A, Ruaro B,

Meibohm B. Intensive Care Med. 2020 Dec;46(12):2284-2296.

**COVID-19-related mortality in kidney transplant and dialysis patients: results of the ERACODA collaboration.**

Hilbrands LB, Duivenvoorden R, Vart P, Franssen CFM, Hemmelder MH, Jager KJ, Kieneker LM, Noordzij M, Pena MJ, Vries H, Arroyo D, Covic A, Crespo M, Goffin E, Islam M, Massy ZA, Montero N, Oliveira JP, Roca Munoz A, Sanchez JE, Sridharan S, Winzeler R, Gansevoort RT; ERACODA Collaborators. Nephrol Dial Transplant. 2020 Nov 1;35(11):1973-1983.

**Occurrence of pulmonary embolism related to COVID-19.**

Hauguel-Moreau M, Hajjam ME, De Baynast Q, Vieillard-Baron A, Lot AS, Chinet T, Mustafic H, Begue C, Carlier RY, Geri G, Dubourg O, Beaune S, Mansencal N. J Thromb Thrombolysis. 2020 Oct 6;1-7. doi: 10.1007/s11239-020-02292-4.

**Teaching NeuroImages: Cytotoxic lesions of the corpus callosum in encephalopathic patients with COVID-19.**

Edjlali M, Le Gal A, Louvet M, Matt M, Leveque C, Diffre C, Orlikowski D, Annane D, Carlier RY; Garches COVID-19 Collaborative Group. Neurology. 2020;95(22):1021-1022.

**Effect of Hydrocortisone on 21-Day Mortality or Respiratory Support Among Critically Ill Patients With COVID-19: A Randomized Clinical Trial.**

Dequin PF, Heming N, Meziani F, Plantefeve G, Voiriot G, Badie J, Francois B, Aubron C, Ricard JD, Ehrmann S, Jouan Y, Guillon A, Leclerc M, Coffre C, Bourgoin H, Lengelle C, Caille-Fenerol C, Tavernier E, Zohar S, Giraudeau B, Annane D, Le Gouge A; CAPE COVID Trial Group and the CRICS-TriGGERSep Network. JAMA. 2020 Oct 6;324(13):1298-1306.

**The COVID-19 outbreak and the angiotensin-converting enzyme 2: too little or too much?**

Essig M, Matt M, Massy Z. Nephrol Dial Transplant. 2020 Jun 1;35(6):1073-1075.

2019

### **Presence of 2-hydroxymyristate on endotoxins is associated with death in neonates with *Enterobacter cloacae* complex septic shock.**

Augusto LA, Bourgeois-Nicolaos N, Breton A, Barreault S, Alonso EH, Gera S, Faraut-Derouin V, Semaan N, De Luca D, Chaby R, Doucet-Populaire F, Tissières P. *iScience*. 2021 Jul 30;24(8):102916. doi: 10.1016/j.isci.2021.102916. eCollection 2021 Aug 20. PMID: 34409274

### **Perspective of the Surviving Sepsis Campaign on the Management of Pediatric Sepsis in the Era of Coronavirus Disease 2019.**

Weiss SL, Peters MJ, Agus MSD, Alhazzani W, Choong K, Flori HR, Inwald DP, Nadel S, Nunnally ME, Schlapbach LJ, Tasker RC, Tissieres P, Kisson N; Children's Surviving Sepsis Campaign International Guidelines for the Management of Septic Shock and Sepsis-Associated Organ Dysfunction in Children Taskforce. *Pediatr Crit Care Med*. 2020 Nov;21(11):e1031-e1037. doi: 10.1097/PCC.0000000000002553. PMID: 32886460

### **European consensus recommendations for neonatal and paediatric retrievals of positive or suspected COVID-19 patients.**

Terheggen U, Heiring C, Kjellberg M, Hegardt F, Kneyber M, Gente M, Roehr CC, Jourdain G, Tissieres P, Ramnarayan P, Breindahl M, van den Berg J. *Pediatr Res*. 2021 Apr;89(5):1094-1100. doi: 10.1038/s41390-020-1050-z. Epub 2020 Jul 7. PMID: 32634819

### **Surviving Sepsis Campaign International Guidelines for the Management of Septic Shock and Sepsis-Associated Organ Dysfunction in Children.**

Weiss SL, Peters MJ, Alhazzani W, Agus MSD, Flori HR, Inwald DP, Nadel S, Schlapbach LJ, Tasker RC, Argent AC, Brierley J, Carcillo J, Carrol ED, Carroll CL, Cheifetz IM, Choong K, Cies JJ, Cruz AT, De Luca D, Deep A, Faust SN, De Oliveira CF, Hall MW, Ishimine P, Javouhey E, Joosten KFM, Joshi P, Karam O, Kneyber MCJ, Lemson J, MacLaren G, Mehta NM, Møller MH, Newth CJL, Nguyen TC, Nishisaki A, Nunnally ME, Parker MM, Paul RM, Randolph AG, Ranjit S, Romer LH, Scott HF, Tume LN, Verger JT, Williams EA, Wolf J, Wong HR, Zimmerman JJ, Kisson N, Tissieres P. *Pediatr Crit Care Med*. 2020 Feb;21(2):e52-e106. doi: 10.1097/PCC.0000000000002198. PMID: 32032273