

# DR. FLORENT BAUDIN

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UNIVERSITE CLAUDE BERNARD LYON 1, LYON, FRANCE

## CONTACT:

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## POSITION

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- MD, PhD
- Pediatric anesthesiology and intensive care
- University Claude Bernard Lyon 1

## AREA OF EXPERTISE

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- Mechanical ventilation
- Non-invasive mechanical ventilation
- Pediatric anesthesia
- Neurocritical care and trauma

## MEMBERSHIPS

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- GFRUP (French Society of Pediatric Intensive Care and Emergency Medicine)
- SRLF (French Society of Intensive Care)
- ESPNIC (European Society of Pediatric and Neonatal Intensive Care Medicine)
- ADARPEF (French speaking Pediatric Anesthesiologists Association)

## EDUCATION / TRAINING

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INSTITUTION	DEGREE	YEAR	FIELD OF STUDY
University Claude Bernard Lyon 1, France	PhD	2019	Technological Innovation and Clinical research
University Claude Bernard Lyon 1, France	MD SPECIALITY	2017	Pediatric intensive care
University Claude Bernard Lyon 1, France	MD SPECIALITY	2017	Medical Intensive care
University Claude Bernard Lyon 1, France	MD SPECIALITY	2015	Anesthesiology and Critical care
University Claude Bernard Lyon 1, France	MD	2015	Medicine
University Paris 7, France and Sainte-Justine Hospital, Montreal, Canada	MASTER 2 / M.Sc	2014	Biology, physiology and pharmacology of the respiratory system
University Claude Bernard Lyon 1, France	MASTER 1	2009	Human biology

## SELECTED PUBLICATIONS

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Baudin F, Emeriaud G, Essouri S, Beck J, Javouhey E, Guerin C. Neurally adjusted ventilatory assist improves respiratory unloading in infants with severe bronchiolitis. *Critical Care* 2019, in-press.

Khemani et al. (Baudin F - collaborateur) Paediatric acute respiratory distress syndrome incidence and epidemiology (PARDIE): an international, observational study. *Lancet Respir Med* 2018 [published ahead of print].

Baudin F, Emeriaud G, Essouri S, Beck J, Portefaix A, Javouhey E, Guerin C. Physiological Effect of Prone Position in Children with Severe Bronchiolitis: A Randomized Cross-Over Study (BRONCHIO-DV). *J Pediatr* 2019; 205:112-119

Baudin F, Buisson A, Vanel B, Massenavette B, Pouyau R, Javouhey E. Nasal high flow in management of children with status asthmaticus: a retrospective observational study. *Ann Intensive Care* 2017;7:55.

Baudin F, Bourgoin P, Brossier D, Essouri S, Emeriaud G, Wysocki M, Jouvét P. Noninvasive estimation of arterial CO<sub>2</sub> from end-tidal CO<sub>2</sub> in mechanically ventilated children: The GRAeDIENT pilot study. *Ped Crit Care Med* 2016;17:1117-23.

Baudin F, Gagnon G, Crulli B, Proulx F, Jouvét P, Emeriaud G. Modalities and complications associated with the use of high-flow nasal cannula: Experience in a pediatric ICU. *Respir Care* 2016, 61:1305-10.

Baudin F, Pouyau R, Cour-Andlauer F, Berthiller J, Robert D, Javouhey E. Neurally Adjusted Ventilator Assist (NAVA) reduces asynchrony during non-invasive ventilation for severe bronchiolitis. *Pediatr Pulm* 2015;50:1320-1327

Baudin F, Wu HT, Bordessoule A, Beck J, Jouvét P, Frasch M, Emeriaud G. Impact of ventilatory modes on the breathing variability in mechanically ventilated infants. *Front pediatr*, 2014;19:132.

## RESEARCH FUNDING

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Grant PHRC (hospital programme for clinical research) Propositis Study 2019

Grant ALLP - groupe ADENE 2018

Grant Groupe francophone d'urgence et de réanimation pédiatrique (GFRUP) 2015

Grants Fondation du Souffle et du Fonds de dotation Recherche en Santé Respiratoire, AO SR2014 – BronchioDV Study (15 000€)