

Professor Laurent Brochard

Professor of Intensive Care Medicine



Laurent Brochard, MD, born in 1957, is Professor of Intensive Care Medicine at Paris EST University, co-director of the Medical ICU at Henri Mondor hospital, and he is currently chief of the Medical Council in his hospital, a 1300 bedded University hospital. He has an extensive experience in clinical research in the field of Mechanical Ventilation, especially Noninvasive ventilation, Acute Respiratory Distress Syndrome, and Weaning, and has published more than 240 publications in international journals. He has conducted large international multicenter trials and has published papers cited more than 1200 times in the literature. He has been Editor-in-chief of the journal Intensive Care Medicine for six years until April 2007, is currently Deputy Editor for the American Journal of Respiratory and Critical Care Medicine. He has also served on the Executive or Scientific Board of several international societies like the European Society of Intensive Care Medicine or the American Thoracic Society. He annually receives numerous invitations to lecture at international or national meetings.

Current activity and Academic Appointments:

- Professor of Intensive Care Medicine, (since 1993), Paris EST University, Créteil, France.
- Co-director of the Medical ICU at Henri Mondor Hospital, Assistance Publique – Hôpitaux de Paris, France.
- Member of the National Research Institute INSERM Unit n°955, Créteil, France.

Main University and Hospital Service Responsibilities:

- Vice-Dean of the Medical School (1995 to 2002)
- Chief of the Medical Council for Hospital Albert Chenevier - Henri Mondor, AP-HP (2003-2009...)

Selected Publications:

Aboab J, Jonson B, Kouatchet A, Taille S, Niklason L, Brochard L: Effect of inspired oxygen fraction on alveolar derecruitment in acute respiratory distress syndrome. *Intensive Care Med* 2006; 32: 1979-86

Aboab J, Louis B, Jonson B, Brochard L: Relation between PaO₂/FIO₂ ratio and FIO₂: a mathematical description. *Intensive Care Med* 2006; 32: 1494-7

Andrews P, Azoulay E, Antonelli M, Brochard L, Brun-Buisson C, de Backer D, Dobb G, Fagon JY, Gerlach H, Groeneveld J, Mancebo J, Metnitz P, Nava S, Pugin J, Pinsky M, Radermacher P, Richard C, Tasker R: Year in review in intensive care medicine. 2005. I. Acute respiratory failure and acute lung injury, ventilation, hemodynamics, education, renal failure. *Intensive Care Med* 2006; 32: 207-16

Andrews P, Azoulay E, Antonelli M, Brochard L, Brun-Buisson C, Dobb G, Fagon JY, Gerlach H, Groeneveld J, Mancebo J, Metnitz P, Nava S, Pugin J, Pinsky M, Radermacher P, Richard C, Tasker R: Year in review in intensive care medicine, 2005. III. Nutrition, pediatric and neonatal critical care, and experimental. *Intensive Care Med* 2006; 32: 490-500

Andrews P, Azoulay E, Antonelli M, Brochard L, Brun-Buisson C, Dobb G, Fagon JY, Gerlach H, Groeneveld J, Mancebo J, Metnitz P, Nava S, Pugin J, Pinsky M, Radermacher P, Richard C, Tasker R: Year in review in intensive care medicine, 2005. II. Infection and sepsis, ventilator-associated pneumonia, ethics, haematology and haemostasis, ICU organisation and scoring, brain injury. *Intensive Care Med* 2006; 32: 380-90

Roche Campo F, Drouot X, Thille AW, Galia F, Cabello B, d'Ortho MP, Brochard L. Poor sleep quality is associated with late noninvasive ventilation failure in patients with acute hypercapnic respiratory failure. *Crit Care Med*. 2010 Feb;38(2):477-85.

de Prost N, Ingen-Housz-Oro S, Duong T, Valeyrie-Allanore L, Legrand P, Wolkenstein P, Brochard L, Brun-Buisson C, Roujeau JC. Bacteremia in Stevens-Johnson syndrome and toxic epidermal necrolysis: epidemiology, risk factors, and predictive value of skin cultures. *Medicine (Baltimore)*. 2010 Jan;89(1):28-36.

Di Marco F, Devaquet J, Lyazidi A, Galia F, da Costa NP, Fumagalli R, Brochard L. Positive end-expiratory pressure-induced functional recruitment in patients with acute respiratory distress syndrome. *Crit Care Med*. 2010 Jan;38(1):127-32.

Maggiore SM, Richard JC, Abroug F, Diehl JL, Antonelli M, Sauder P, Mancebo J, Ferrer M, Lellouche F, Lecourt L, Beduneau G, Brochard L. A multicenter, randomized trial of noninvasive ventilation with helium-oxygen mixture in exacerbations of chronic obstructive lung disease. *Crit Care Med*. 2010 Jan;38(1):145-51.