

Professore emerito Università Statale

LUCIANO GATTINONI

SETTORE
SCIENTIFICO/DISCIPLINARE
FISIOPATOLOGIA MEDICO-
CHIRURGICA E DEI TRAPIANTI

ANNO DI NOMINA
2017



NOTA BIOGRAFICA

Academic career

1975-1977: Research fellow and expert consultant, NIH, Bethesda, MD, USA

1982-1988: Associated Professor in Anaesthesia and Intensive Care Medicine

1988-1992: Chief of the Hospital Department Ospedale S. Gerardo, Monza

1990: Full Professor in Anaesthesia and Intensive Care medicine, University of Milan

1993-2015: Chief of the Hospital Department, Ospedale Maggiore Policlinico

2012-2014: chairman of the University Department of Pathophysiology and Transplantation

2016-present: Guest Professor, University of Göttingen

Roles in medical societies

1988-1990: President of the European Society of Intensive Care Medicine

1994: Scientific Chair of the Ospedale Maggiore Policlinico di Milano

1997: President of the "World Federation of Societies of Intensive and Critical Care Medicine"

CONTATTI

Prof. Luciano Gattinoni

University of Göttingen
Department of Anaesthesiology
Robert-Koch-Straße, 40
37075 Göttingen – Germany
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Tel: +49-(0)551-394519

2006-2009: President of the "Società Italiana di Anestesia Analgesia Rianimazione e Intensiva"

Honours and awards

1992: "Commendatore" of the Italian Republic

2001: Life Time Achievement Award of the American Society of Anesthesiology

2002: Honorary member of the German Society of Anesthesiology and Intensive Care

2003: Presidential Citation from Society of Critical Care Medicine

2007: Diploma "Sodalem honoris causa", Associatio Medicorum Bohemicorum J. E. Purkinje

2008: Gold Medal of the European Society of Intensive Care Medicine

2011: Life Time Achievement Award of the Society of Critical Care Medicine

2011: "Laurea Honoris Causa" of the Marburg University

2016: "Ambrogino d'Oro Città di Milano"

2017: Professore Emerito Università degli Studi di Milano.

Scientific activity

- Extracorporeal CO2 removal in acute respiratory failure
- Quantitative analysis of CT scan in respiratory failure, leading to the concepts of "superimposed pressure", "compression atelectasis", "baby lung", recruitability and use of prone position
- Quantitative analysis of stress, strain, lung inhomogeneity
- Introduction and validation of mechanical power as summary variable for risk of mechanical ventilation.



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DEGLI STUDI
DI MILANO

LA STATALE

PUBBLICAZIONI PRINCIPALI

1) Treatment of acute respiratory failure with low-frequency positive-pressure ventilation and extracorporeal removal of CO₂. Gattinoni L, Agostoni A, Pesenti A, Pelizzola A, Rossi GP, Langer M, Vesconi S, Uziel L, Fox U, Longoni F, Kolobow T, Damia G. *Lancet*. 1980 Aug 9;2:292-4

2) Low-frequency positive-pressure ventilation with extracorporeal CO₂ removal in severe acute respiratory failure. Gattinoni L, Pesenti A, Mascheroni D, Marcolin R, Fumagalli R, Rossi F, Iapichino G, Romagnoli G, Uziel L, Agostoni A, et al. *JAMA*. 1986; 256:881-6

3) Pressure-volume curve of total respiratory system in acute respiratory failure. Computed tomographic scan study. Gattinoni L, Pesenti A, Avalli L, Rossi F, Bombino M. *Am Rev Respir Dis* 1987; 136:730-6

4) Regional effects and mechanism of positive end-expiratory pressure in early adult respiratory distress syndrome. Gattinoni L, D'Andrea L, Pelosi P, Vitale G, Pesenti A, Fumagalli R. *JAMA* 1993; 269:2122-7

5) Lung structure and function in different stages of severe adult respiratory distress syndrome. Gattinoni L, Bombino M, Pelosi P, Lissoni A, Pesenti A, Fumagalli R, Tagliabue M. *JAMA* 1994; 271:1772-9

6) A trial of goal-oriented hemodynamic therapy in critically ill patients. SvO₂ Collaborative Group. Gattinoni L, Brazzi L, Pelosi P, Latini R, Tognoni G, Pesenti A, Fumagalli R. *N Engl J Med* 1995; 333:1025-32

7) Effect of prone positioning on the survival of patients with acute respiratory failure. Gattinoni L, Tognoni G, Pesenti A, Taccone P, Mascheroni D, Labarta V, Malacrida R, Di Giulio P, Fumagalli R, Pelosi P, Brazzi L, Latini R. *N Engl J Med*. 2001 Aug 23;345:568-73





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LA STATALE

8) Lung recruitment in patients with the acute respiratory distress syndrome. Gattinoni L, Caironi P, Cressoni M, Chiumello D, Ranieri VM, Quintel M, Russo S, Patroniti N, Cornejo R, Bugego G. *N Engl J Med.* 2006; 354:1775-86

9) Lung stress and strain during mechanical ventilation for acute respiratory distress syndrome. Chiumello D, Carlesso E, Cadringer P, Caironi P, Valenza F, Polli F, Tallarini F, Cozzi P, Cressoni M, Colombo A, Marini JJ, Gattinoni L. *Am J Respir Crit Care Med.* 2008; 178:346-55

10) Prone positioning in patients with moderate and severe acute respiratory distress syndrome: a randomized controlled trial. Taccone P, Pesenti A, Latini R, Polli F, Vagginelli F, Mietto C, Caspani L, Raimondi F, Bordone G, Iapichino G, Mancebo J, Guérin C, Ayzac L, Blanch L, Fumagalli R, Tognoni G, Gattinoni L; Prone-Supine II Study Group. *JAMA.* 2009; 302:1977-84

11) Albumin replacement in patients with severe sepsis or septic shock. Caironi P, Tognoni G, Masson S, Fumagalli R, Pesenti A, Romero M, Fanizza C, Caspani L, Faenza S, Grasselli G, Iapichino G, Antonelli M, Parrini V, Fiore G, Latini R, Gattinoni L. *N Engl J Med* 2014; 370:1412-21.

