

CURRICULUM VITAE

Rauseo Michela



PERSONAL INFORMATIONS

Name **Rauseo Michela**
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Nationality ITALIAN
Date of Birth 25 Aprile 1985

WORKING EXPERIENCE

2020 Anesthesia and Intensive care Medicine Assistant Professor (Researcher)
2018 Staff Anesthesiologist, Ospedali Riuniti di Foggia
2017 Clinical fellow, critical care department, St. Michael's Hospital, Toronto

EDUCATION

2020 PhD in Translational medicine and food: management, innovation and safety. University of Foggia with thesis "Impact of protein intake on weaning from mechanical ventilation in ICU patients"
2017 Specialty degree in Anesthesia and Intensive Care University of Foggia with thesis "Prediction of Outcome of Weaning from mechanical ventilation using the Electrical activity of the Diaphragm. The "OWED" study."
2016 PhD course start in translational medicine and food at University of Foggia
2015 Critical Care Canada Forum, Ultrasound Course
2015 Research fellow, critical care department, St. Michael's Hospital, Toronto
2014 European Society of Anesthesiology Council Trainee Representative
2013 European Society of Anesthesiology Masterclass in scientific writing.
2011 M.D. Degree University of Foggia with Thesis "Effects of recruitment maneuver in laparoscopic surgery"
2003 *Trinity's Integrated Skills in English (ISE) 12* level advanced*

LANGUAGES

MOTHERTONGUE

ITALIAN

- Reading
- Writing
- Speaking

ENGLISH

excellent
excellen
Excellent

AWARDS

2013 Award from the University Of Foggia “Premio G. Montel” for young researcher
2016 Award from SIAARTI for best foreign scientific project

TECNICAL SKILLS

Research Projects

2018 Co-Investigator for “BEARDS”, observational study will examine the incidence of dysynchronous spontaneous breathing effort, breath-stacking and reverse triggering in early ARDS.

2016 Co-Investigator “OWED” study (PREDICION OF OUTCOME OF WEANING FROM MECHANICAL VENTILATION USING THE ELECRITICAL ACTIVITY OF THE DIAPHRAGM), multicentric study in ready to wean ICU patients, conducted by St. Michael’s Hospital, Toronto

2015 Co-Investigator “DIVIP-DIAPHRAGM” study (Observational study to assess diaphragm muscle inactivity in mechanically ventilated ICU patients), Observational pilot study in acutely ventilated ICU patients. St. Micheal’s Hospital, Toronto

2012 Young Investigator “Prohvido” Study (Protective ventilation during general anesthesia for open abdominal surgery) a prospective multicenter international cohort study sponsored by the Academish Medish Centrum – University of Amsterdam (NL) and conducted by the European Society of Anesthesiology

2012 Young Investigator “Las Vegas” Study (Local assessment of ventilator management during general anesthesia for surgery and affects on postoperative pulmonary complications) a prospective multicenter international cohort study, conducted by the European Society of Anesthesiology

MEMBERSHIPS

Società Italiana di Anestesia, Analgesia, Rianimazione e Terapia Intensiva (SIAARTI)
European Society of Anaesthesiology (ESA), European Society of Intensive Care Medicine (ESICM)

BIBLIOGRAPHY

ORIGINAL PAPERS

1) Effects of recruitment maneuver and positive end-expiratory pressure on respiratory mechanics and transpulmonary pressure during laparoscopic surgery.

Cinnella G, Grasso S, Spadaro S, Rauseo M, Mirabella L, Salatto P, De Capraris A, Nappi L, Greco P, Dambrosio M. *Anesthesiology*. 2013 Jan;118(1):114-22. doi: 10.1097/ALN.0b013e3182746a10.PMID: 23196259

2) Physiological Effects of the Open Lung Approach in Patients with Early, Mild, Diffuse Acute Respiratory Distress Syndrome: An Electrical Impedance Tomography Study.

Cinnella G, Grasso S, Raimondo P, D'Antini D, Mirabella L, Rauseo M, Dambrosio M. *Anesthesiology*. 2015 Nov;123(5):1113-21. doi: 10.1097/ALN.0000000000000862.PMID: 26397017



3) Effort to Breathe with Various Spontaneous Breathing Trial Techniques. A Physiologic Meta-analysis.

Sklar MC, Burns K, Rittayamai N, Lanys A, Rauseo M, Chen L, Dres M, Chen GQ, Goligher EC, Adhikari NKJ, Brochard L, Friedrich JO. *Am J Respir Crit Care Med*. 2017 Jun 1;195(11):1477-1485. doi: 10.1164/rccm.201607-1338OC.PMID: 27768396

4) The main concerns of European anaesthesiology postgraduate trainees: A European survey *Trends in Anaesthesia and Critical Care*, Jan 2018 <https://doi.org/10.1016/j.tacc.2018.01.006>

5) Physiological effects of the open lung approach during laparoscopic cholecystectomy: focus on driving pressure.

D'Antini D, Rauseo M, Grasso S, Mirabella L, Camporota L, Cotoia A, Spadaro S, Fersini A, Petta R, Menga R, Sciusco A, Dambrosio M, Cinnella G. *Minerva Anesthesiol*. 2018 Feb;84(2):159-167. doi: 10.23736/S0375-9393.17.12042-0. Epub 2017 Jul 5. PMID: 28679201

6) Anaesthesiology trainees and their needs: a Romanian perspective. Results from a European survey.

Valeanu L, Stefan M, Fernandes DS, Rauseo M, Matias B, Predoi C, Bubenek S, Filipescu D. *Rom J Anaesth Intensive Care*. 2018 Apr;25(1):37-42. doi: 10.21454/rjaic.7518.251.prp.PMID: 29756061

<https://pubmed.ncbi.nlm.nih.gov/30187270/>

7) High-flow nasal oxygen versus noninvasive ventilation in adult patients with cystic fibrosis: a randomized crossover physiological study.

Sklar MC, Dres M, Rittayamai N, West B, Grieco DL, Telias I, Junhasavasdikul D, Rauseo M, Pham T, Madotto F, Campbell C, Tullis E, Brochard L. *Ann Intensive Care*. 2018 Sep 5;8(1):85. doi: 10.1186/s13613-018-0432-4.PMID: 30187270 Free PMC article.



<https://pubmed.ncbi.nlm.nih.gov/30382819/>

8) Peep titration based on the open lung approach during one lung ventilation in thoracic surgery: a physiological study.

Rauseo M, Mirabella L, Grasso S, Cotoia A, Spadaro S, D'Antini D, Valentino F, Tullo L, Loizzi D, Sollitto F, Cinnella G. *BMC Anesthesiol*. 2018 Oct 31;18(1):156. doi: 10.1186/s12871-018-0624-3.PMID: 30382819.

9) Proportional modes

Michela Rauseo, Lise Piquilloud *ERS Practical Handbook of Invasive Mechanical Ventilation* 2019 10.1183/9781849841221.028518

<https://pubmed.ncbi.nlm.nih.gov/31577153/>

10) Potential for Lung Recruitment Estimated by the Recruitment-to-Inflation Ratio in Acute Respiratory Distress Syndrome. A Clinical Trial.

Chen L, Del Sorbo L, Grieco DL, Junhasavasdikul D, Rittayamai N, Soliman I, Sklar MC, Rauseo M, Ferguson ND, Fan E, Richard JM, Brochard L. Am J Respir Crit Care Med. 2020 Jan 15;201(2):178-187. doi: 10.1164/rccm.201902-0334OC.PMID: 31577153 Clinical Trial.

<https://pubmed.ncbi.nlm.nih.gov/32665426/>

11) Patient-Ventilator Asynchronies: Clinical Implications and Practical Solutions.

Mirabella L, Cinnella G, Costa R, Cortegiani A, Tullo L, Rauseo M, Conti G, Gregoretti C. Respir Care. 2020 Jul 14;respcare.07284. doi: 10.4187/respcare.07284. Online ahead of print.PMID: 32665426 Review.



<https://pubmed.ncbi.nlm.nih.gov/29756061/>

12) The role for high flow nasal cannula as a respiratory support strategy in adults: a clinical practice guideline. Intensive Care Med <https://doi.org/10.1007/s00134-020-06312-y>

CONGRESS COMUNICATIONS

1. Spadaro Savino, **Rauseo Michela**, *Fede Nadia Rossana, De Capraris Antonella, Cinnella Gilda*. **Use of transpulmonary pressure as a guide for setting PEEP during laparoscopic surgery**. Abstract of *Euroanaesthesia* June 2012 Congress in Paris, France.
2. D. D'Antini, P. Raimondo, L. Mirabella, **M. Rauseo**, D. La Bella, C. D'Onofrio, M. Dambrosio, G. Cinnella **is the dynamic compliance based peep titration a valid method to assess a safe and physiological ventilatory strategy in ards patients?**
Abstract of **ESICM** Congress, Paris 2013, France.
3. **Rauseo M.**, Mirabella L., Menga M.R., Racano S., Pagano F., Cinnella G. **Effects of PEEP customization on respiratory mechanics during videolaparocholecystectomy**
Abstract of SIAARTI, Congress in Rome, October 2013, Italy.
4. Ibrahim Soliman, **M. RAUSEO, L.** Chen, N. Rittayamai, G. Chen, E. Goligher, J. Friedrich, C. Sinderby, L. Heunks, L. Brochard **An observational study to assess diaphragmatic muscle inactivity in mechanically ventilated ICU patients**, Critical Care Canada Forum, 2015, Toronto, Canada
5. **M. Rauseo**, I. Soliman, L. Chen, N. Rittayamai, G.-Q. Chen, M. Sklar, C. Campbell, E.C. Goligher, J.O. Friedrich, C.A. Sinderby, L. Heunks, L.J. Brochard. **Electrical Activity to Determine the Start of Diaphragm Activity in Mechanically Ventilated Patients: an Observational Study**. **ATS 2016 International Conference**

Foggia, 1 settembre 2020

