

SHORT VERSION CURRICULUM VITAE



<https://www.researchgate.net/profile/Denise-Battaglini>
<https://pubmed.ncbi.nlm.nih.gov/?term=battaglini+d>
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Denise Battaglini born in Genoa (GE), Italy on 25/03/1987, lives in Genoa Viale Primavera 31/1, 16148 (GE), Italy, declare that the information contained in this document are true (art. 76 del D.P.R. 445/00).

Study Degrees

Degree in Medicine and Surgery University of Genoa, 110/110 cum Laude on 26/07/2013
Specialization in Anesthesia, Intensive Care and Pain Therapy University of Genoa, 50/50 cum Laude on 12/12/2019

Actual clinical position

Consultant in anesthesia and Intensive Care at San Martino Policlinico Hospital, IRCCS for Oncology and Neuroscience, Genoa, Italy

Actual research position

PhD candidate (without scholarship) *at University of Barcelona, Spain*. Renal, cardiovascular and respiratory physiopathology – Translational Medicine.

Actual roles in Scientific Societies

ESICM – NEXT Elect Committee member

ESICM – NEXT representative Translational Biology section

SIAARTI – Regional representative Liguria

SIAARTI – Active member of “gruppo di studio vie aeree”, “neuroanestesia e neuroranimazione”, “infezioni e sepsi”

EAMS – Active member

Airway Management group SIAARTI – Selected as expert literature reviewer for the development of Recommendations (PICO) on Airway Management

iWIN – Scientific committee

Covid-19 Critical Care Consortium – writing committee

Others

Research Fellowship at Department of Pulmonary and Critical Care Medicine, Division of Animal Experimentation. Hospital Clinic, Barcelona (ES), University of Barcelona, ES. Carrer de Villaroel, 170, Barcelona, ES, from October 2nd, 2017, to December 31st, 2018.

Research Fellowship at Laboratory of Pulmonary Investigation, Carlos Chagas Filho Institute of Biophysics, Federal University of Rio de Janeiro, Rio de Janeiro, Brazil, from August 1st, 2019 to September 29th, 2019.

Medical abilitation

Medici Chirurghi e degli Odontoiatri della Provincia di Genova (GE) from 04/03/2014 n. 16246; abilitazione alla Professione di Medico Chirurgo.

More information about Denise Battaglini's background:

In the latest years, I served as *National Italian representative of my national scientific society (SIAARTI) and European Society of Anesthesia and Intensive Care (ESAIC) Trainees representative member, and young Proxima SIAARTI Regional representative*. During these years, I organized many clinical and research teaching activities, I attended many national congresses as part of the organizing committee and I planned and organized as principal investigator a research project concerning the role of high-fidelity Simulation in Emergency Critical Care Medicine among Italian residents in SIAARTI, highlighting the role of technical and non-technical skills as an essential part of the training of anesthesiologists and critical care physicians. I also promoted many activities of the society during International Congresses, and I supported young investigators and clinicians as their mentor during this process.

I am now active member or representative of many national and international communities, including the *"airway management group" in SIAARTI, iWIN scientific committee, NEXT European Society of Intensive Care Medicine (ESICM) Committee Member, Regional Representative of SIAARTI for Liguria Region, NEXT representative of Translational Biology section in ESICM, and active member of the European Airway Management Society (EAMS), COVID-19 Critical Care Consortium*, where I am trying to enhance the partnership, growth, and value of young and worth members within the Anesthesiology and Intensive Care Communities.

I am primarily working as Consultant in Intensive Care, but I always support my research group as a highly competitive research assistant, for my continuing commitment to supporting my passion for research at San Martino Policlinico Hospital in Genoa, Italy, and I am proceeding as senior PhD student in Translational Research at the Department of Medicine, University of Barcelona, Spain. I am currently involved in a research grant as principal investigator with a project concerning lung and intestinal dysbiosis in critically ill patients with and without brain injury. I am principal investigator of a local project that will contribute to pulmonary critical care within the context of respiratory physiotherapy, and another international multicenter project concerning tracheostomy practice in COVID-19. I am working on several project as investigator and collaborator, both locally and abroad, and I am senior PhD student in Translational Medicine at the Department of Medicine, University of Barcelona, Spain (possible graduation date 2022).

My research career started in 2017, when I had the opportunity to perform a research fellowship in Infectious Disease and Pulmonary Medicine at Hospital Clinic of Barcelona, Spain. I started approaching experimental, clinical, and animal research, where I acquired essential skills in research methodology, basic statistics, pulmonary infectious disease, respiratory physiotherapy, and pulmonary critical care under the supervision of Prof. Torres and Prof. Li Bassi. During the fellowship I published several research papers on high impacted journals, and I had the opportunity to perform and manage my own experimental study on ventilator-associated pneumonia in animal model.

When I returned to Genoa, I started focusing on airway management, respiratory aspects and pulmonology and neurocritical care. Moreover, I was immersed in many aspects of healthcare simulation-based education and/or quality and safety improvement, advancing my skills as an instructor, debriefer of healthcare simulation-based activities both in SIAARTI (airway management group tutor at national courses) and University of Genoa, Italy. This experience has allowed me to acquire skills as leader and in order to apply for Representative positions.

In 2019, I had the opportunity to perform a research fellowship at the Federal University of Rio de Janeiro, Brazil with international experts like Prof Rocco, Prof Silva, and Prof Cruz. During my fellowship, I planned and manage my own research project investigating the impact of hypothermia and sedation on the lung and peripheral organs in stroke animals. I was immersed in many aspects of translational research, learning how to organize and manage from the basis a new research project. I learned a lot about pulmonary mechanics, histology, brain physiology, and stroke management, thus enlarging my own clinical and experimental translational expertise.

At the same time, I was serving as National Italian representative of the Italian scientific society SIAARTI, being very busy but always focused and totally committed to all my tasks.

In 2019 I graduated as Anesthesiologist and Intensive Care physician with Laude. In 2020, the COVID-19 pandemic changed our lives. I started working on the front line as Intensivist, feeling (as all of you) that our profession is a sort of mission with the final goal of care for our patients best we can despite the difficulties, the lack of resources and the fear. The Pandemic made me curious about airway management, pulmonary critical care, and viral infectious disease, therefore I decided the focus on many aspects of COVID-19 critically ill patients, taking part to Local, International and National research projects in order to enrich the literature, to understand how to treat my patients, and to help the community facing this difficult moment.

Even now, I am running several projects on COVID-19 management, airway management (including that I am now organizing the biggest study about tracheostomy timing and outcome in COVID-19 critically ill patients as principal investigator in order to make clarity about this topic within the international community).

In 2021, I had also the honor to be choose as Editor of a handbook in COVID-19 critical care with Prof. Pelosi that will be available in few days, and as expert literature reviewer for the development of *Airway Management Recommendations in SIAARTI*. Additionally, I become Editor of many scientific journals like BMC Pulmonary Medicine, Frontiers in Medicine, Diagnostics and many others.

Among other projects and initiatives, few months ago I win a national grant to investigate infectious characteristics like dysbiosis both in fecal and lung sites in critically ill patients, and I am serving from many years as local coordinator of international projects about airway and pulmonary critical care in various sub-populations of critically ill patients (including those with acute brain injury, which is one of the populations which arouses more interests in me).

Publications /abstracts / posters / others

Research metrics

Calculated H-index: 19

Publications: 97 on PubMed + 6 not on Scopus + 5 accepted in Press + 6 submitted (of which 5 as first author)

Start year: 2016

Editorial Board Member: BMC Pulmonary Medicine, Frontiers in Medicine (section Anesthesiology and Critical Care), Frontiers in Physiology, Frontiers in Neurology, Springer® Handbook COVID-19 Critical Care, Diagnostics MDPI, *Editor*, Faculty Opinion Associate Editorial Member

Grant/award: 5x1000 Italian Ministry of Health, about microbiota modulation in neurocritically ill patients; ISICEM poster award; Editor of the Month 2022 March BMC Pulmonary Medicine

You can find my scientific contributions at:

<https://pubmed.ncbi.nlm.nih.gov/?term=battaglini+d&sort=date>

<https://www.researchgate.net/profile/Denise-Battaglini>

Publications:

Ventilatory settings in the initial 72 h and their association with outcome in out-of-hospital cardiac arrest patients: a preplanned secondary analysis of the targeted hypothermia versus targeted normothermia after out-of-hospital cardiac arrest (TTM2) trial. Chiara Robba 1 2, Rafael Badenes 3 4, Denise **Battaglini** 5 6, Lorenzo Ball 5 7, Iole Brunetti 5, Janus C Jakobsen 8 9, Gisela Lilja 10, Hans Friberg 11, Pedro D Wendel-Garcia 12, Paul J Young 13 14 15 16, Glenn Eastwood 17, Michelle S Chew 18, Johan Uden 19 20, Matthew Thomas 21, Michael Joannidis 22, Alistair Nichol 23, Andreas Lundin 24, Jacob Hollenberg 25, Naomi Hammond 26, Manoj Saxena 27, Martin Annborn 28, Miroslav Solar 29 30, Fabio S Taccone 31, Josef Dankiewicz 32, Niklas Nielsen # 33, Paolo Pelosi. *Intensive Care Med.* 2022. Online ahead of print.

Effect of Automated Closed-loop ventilation versus conventional Ventilation on duration and quality of ventilation in critically ill patients (ACTIVE) - study protocol of a randomized clinical trial. Michela Botta 1, Anissa M Tsonas 2, Jante S Sinnige 2, Ashley J R De Bie 3, Alexander J G H Bindels 3, Lorenzo Ball 4, Denise **Battaglini** 4, Iole Brunetti 4, Laura A Buiteman-Kruizinga 2 5, Pim L J van der Heiden 5, Evert de Jonge 6, Francesco Mojoli 7, Chiara Robba 4, Abraham Schoe 6, Frederique Paulus 2 8, Paolo Pelosi 4 9, Ary Serpa Neto 10 11, Janneke Horn 2 12, Marcus J Schultz. *Trials.* 2022. 23(1):348. PMID: 35461264 Free PMC article.

Laboratory Biomarkers for Diagnosis and Prognosis in COVID-19. Denise **Battaglini** 1 2 3, Miquéias Lopes-Pacheco 4, Hugo C Castro-Faria-Neto 5, Paolo Pelosi 1 2, Patricia R M Rocco 4 *Front Immunol.* 2022. 13:857573. PMID: 35572561 Free PMC article. Review.

Venovenous extracorporeal membrane oxygenation in patients with acute covid-19 associated respiratory failure: comparative effectiveness study. Urner M, et al. *BMJ.* 2022. PMID: 35508314 Free PMC article.

The Impact of Different Ventilatory Strategies on Clinical Outcomes in Patients with COVID-19 Pneumonia. Rocans RP, et al. Rihards P Rocans 1 2, Agnese Ozolina 1 2, Denise **Battaglini** 3, Evita Bine 1 4, Janis V Birnbaums 1 2, Anastasija Tsarevskaya 2 4, Sintija Udre 5, Marija Aleksejeva 5, Biruta Mamaja 1 2, Paolo Pelosi. *J Clin Med.* 2022. 11(10):2710. PMID: 35628835

Prone positioning in COVID-19 ARDS: more pros than cons. Denise **Battaglini** 1, Paolo Pelosi 1 2, Patricia R M Rocco 3J *Bras Pneumol.* 2022. 48(2):e20220065. PMID: 35584468 Free PMC article. No abstract available.

Early short course of neuromuscular blocking agents in patients with COVID-19 ARDS: a propensity score analysis. Li Bassi G, et al. *Crit Care.* 2022. PMID: 35581612 Free PMC article.

Neurological long-COVID in the outpatient clinic: Two subtypes, two courses. Stefano Giuseppe Grisanti 1, Sara Garbarino 2, Emanuela Barisione 3, Teresita Aloè 3, Marco Grosso 3, Cristina Schenone 1, Matteo Pardini 4, Erica Biassoni 1, Federico Zaottini 3, Riccardo Picasso 3, Silvia Morbelli 3, Cristina Campi 5, Giampaola Pesce 3, Federico Massa 1, Nicola Girtler 4, Denise **Battaglini** 6, Corrado Cabona 3, Matteo Bassetti 3, Antonio Uccelli 4, Angelo Schenone 4, Michele Piana 5, Luana Benedetti 7 *J Neurol Sci.* 2022. 439:120315. PMID: 35717880

The Use of Noninvasive Multimodal Neuromonitoring in Adult Critically Ill Patients With COVID-19 Infection. Denise **Battaglini** 1 2, Laviensraj Premraj 3, Samuel Huth 4 5, Jonathon Fanning 4 5 6, Glenn Whitman 7, Rakesh C Arora 8, Judith Bellapart 4 9, Diego Bastos Porto 10, Fabio S Taccone 11, Jacky Y Suen 4 5, Gianluigi Li Bassi 12 4 5 13, John F Fraser 4 5 6 13, Sung-Min Cho 7, Chiara Robba. *J Neurosurg Anesthesiol.* 2022. PMID: 35695738

Individualized positive end-expiratory pressure guided by end-expiratory lung volume in early acute respiratory distress syndrome: study protocol for the multicenter, randomized IPERPEEP trial. Domenico Luca Grieco 1 2, Salvatore Maurizio Maggiore 3, Giacomo Bellani 4 5, Savino Spadaro 6, Elena Spinelli 7, Tommaso Tonetti 8, Luca S Menga 9 10, Marco Pozzi 11, Denise **Battaglini** 12 13, Rosa Di Mussi 14, Andrea Bruni 15, Andrea De Gaetano 16, Carmine Giovanni Iovino 3, Matteo Brioni 7, Francesco Mojoli 11, Giuseppe Foti 4 5, Carlo Aberto Volta 6, Paolo Pelosi 12 13, Paolo Navalesi 17 18, Salvatore Grasso 14, V Marco Ranieri 8, Massimo Antonelli 9 *Trials.* 2022. 23(1):63. PMID: 35057852

Effects of positive end-expiratory pressure on lung ultrasound patterns and their correlation with intracranial pressure in mechanically ventilated brain injured patients. Chiara Robba 1 2, Lorenzo Ball 3 4, Denise **Battaglini** 3, Francesca Iannuzzi 3, Iole Brunetti 3, Pietro Fiaschi 5, Gianluigi Zona 5, Fabio Silvio Taccone 6, Antonio Messina 7, Silvia Mongodi 8, Paolo Pelosi *Crit Care.* 2022. 26(1):31. PMID: 35090525

ICONIC study-conservative versus conventional oxygenation targets in intensive care patients: study protocol for a randomized clinical trial. Grim CCA, et al. *Trials.* 2022. PMID: 35152909 Free PMC article.

Reactivation of Herpes Simplex Virus Type 1 (HSV-1) Detected on Bronchoalveolar Lavage Fluid (BALF) Samples in Critically Ill COVID-19 Patients Undergoing Invasive Mechanical Ventilation: Preliminary Results from Two Italian Centers. Daniele Roberto Giacobbe 1 2, Stefano Di Bella 3, Silvia Dettori 1 2, Giorgia Brucci 1 2, Verena Zerbato 4, Riccardo Pol 4, Ludovica Segat 5, Pierlanfranco D'Agaro 5, Erik Roman-Pognuz 3, Federica Friso 6, Luigi Principe 7, Umberto Lucangelo 6, Lorenzo Ball 8 9, Chiara Robba 8 9, Denise **Battaglini** 9 10, Andrea De Maria 1 2, Iole Brunetti 9, Nicolò Patroniti 8 9, Federica Briano 1 2, Bianca Bruzzone 11, Giulia Guarona 11, Laura Magnasco 2, Chiara Dentone 2, Giancarlo Icardi 1 11, Paolo Pelosi 8 9, Roberto Luzzati 3, Matteo Bassetti 1 2. *Microorganisms.* 2022. 10 (2):362. PMID: 35208817

Ventilation management and outcomes in out-of-hospital cardiac arrest: a protocol for a preplanned secondary analysis of the TTM2 trial. Chiara Robba 1 2, Niklas Nielsen 3, Josef Dankiewicz 4, Rafael Badenes 5, Denise **Battaglini** 6 2 7, Lorenzo Ball 6 2, Iole Brunetti 6, Wendel-Garcia Pedro David 8, Paul Young 9, Glenn Eastwood 10, Michelle S Chew 11, Janus Jakobsen 12, Johan Unden 13 14, Matthew Thomas 15, Michael Joannidis 16, Alistair Nichol 17, Andreas Lundin 18, Jacob Hollenberg 19, Gisela Lilja 13, Naomi E Hammond 20, Manoj Saxena 21, Annborn Martin 22, Miroslav Solar 23, Fabio Silvio Taccone 24, Hans A Friberg 25, Paolo Pelosi *BMJ Open.* 2022. 12(3): e058001. PMID: 35241476

Early versus late intubation in COVID-19 patients failing helmet CPAP: A quantitative computed tomography study. Lorenzo Ball 1, Chiara Robba 2, Jacob Herrmann 3, Sarah E Gerard 4, Yi Xin 5, Maria Pigati 6, Andrea Berardino 7, Francesca Iannuzzi 7, Denise **Battaglini** 8, Iole Brunetti 8, Giuseppe Minetti 9, Sara Seitun 9, Antonio Vena 10, Daniele Roberto Giacobbe 10, Matteo Bassetti 10, Patricia R M Rocco 11, Maurizio Cereda 12, Lucio Castellán 9, Nicolò Patroniti 2, Paolo Pelosi. *Respir Physiol Neurobiol.* 2022. P301:103889. MID: 35307564

Different Methods to Improve the Monitoring of Noninvasive Respiratory Support of Patients with Severe Pneumonia/ARDS Due to COVID-19: An Update. Paolo Pelosi 1 2, Roberto Tonelli 3 4, Chiara Torregiani 5, Elisa

Baratella 6, Marco Confalonieri 5, Denise **Battaglini** 1 2, Alessandro Marchioni 3, Paola Confalonieri 5, Enrico Clini 3, Francesco Salton 5, Barbara Ruaro 5 *J Clin Med.* 2022. 11(6):1704. PMID: 35330029

The Importance of Neuromonitoring in Non Brain Injured Patients. **Battaglini D**, et al. *Crit Care.* 2022. 26(1):78 PMID: 35337357 Free PMC article. Review.

Patients With Suspected Severe Adverse Reactions to COVID-19 Vaccination Admitted to Intensive Care Unit: A Case Report. **Battaglini D**, et al. *Front Med (Lausanne).* 2022. 9:823837. PMID: 35372434 Free PMC article.

Effect of Automated Closed-loop ventilation versus conventional Ventilation on duration and quality of ventilation in critically ill patients (ACTIVE) - study protocol of a randomized clinical trial.
Botta M, et al. Among authors: battaglini d. *Trials.* 2022. PMID: 35461264

Acquisition of skills in Critical Emergency Medicine: an experimental study on the SIAARTI Academy CREM experience. **Battaglini D**, Ionescu Maddalena A, Caporusso RR, Garofalo E, Bruni A, Bocci MG, Cingolani E, Giarratano A, Petrini F; SIAARTI ACADEMY CREM Group. *Minerva Anestesiol.* 2021 Jun 25. doi: 10.23736/S0375-9393.21.15427-6. Online ahead of print. PMID: 34170097

Tracheostomy Timing and Outcome in Severe COVID-19: The WeanTrach Multicenter Study. **Battaglini D**, Missale F, Schiavetti I, Filauro M, Iannuzzi F, Ascoli A, Bertazzoli A, Pascucci F, Grasso S, Murgolo F, Binda S, Maraggia D, Montrucchio G, Sales G, Pascarella G, Agrò FE, Faccio G, Ferraris S, Spadaro S, Falò G, Mereto N, Uva A, Maugeri JG, Agrippino B, Vargas M, Servillo G, Robba C, Ball L, Mora F, Signori A, Torres A, Giacobbe DR, Vena A, Bassetti M, Peretti G, Rocco PRM, Pelosi P. *J Clin Med.* 2021 Jun 16;10(12):2651. doi: 10.3390/jcm10122651. PMID: 34208672

Noninvasive respiratory support and patient self-inflicted lung injury in COVID-19: a narrative review. **Battaglini D**, Robba C, Ball L, Silva PL, Cruz FF, Pelosi P, Rocco PRM. *Br J Anaesth.* 2021 Sep;127(3):353-364. doi: 10.1016/j.bja.2021.05.024. Epub 2021 Jun 3. PMID: 34217468
Current pharmacotherapy for methicillin-resistant *Staphylococcus aureus* (MRSA) pneumonia. Bassetti M, Labate L, Melchio M, Robba C, **Battaglini D**, Ball L, Pelosi P, Giacobbe DR. *Expert Opin Pharmacother.* 2021 Dec 9:1-14. doi: 10.1080/14656566.2021.2010706.

Comparative effects of dexmedetomidine and propofol on brain and lung damage in experimental acute ischemic stroke. Sousa GC, Fernandes MV, Cruz FF, Antunes MA, da Silva CM, Takyia C, **Battaglini D**, Samary CS, Robba C, Pelosi P, Rocco PRM, Silva PL. *Sci Rep.* 2021 Nov 30;11(1):23133. doi: 10.1038/s41598-021-02608-1.

Effects of Positive End-Expiratory Pressure on Lung Recruitment, Respiratory Mechanics, and Intracranial Pressure in Mechanically Ventilated Brain-Injured Patients.
Robba C, Ball L, Nogas S, **Battaglini D**, Messina A, Brunetti I, Minetti G, Castellan L, Rocco PRM, Pelosi P. *Front Physiol.* 2021 Oct 18;12:711273. doi: 10.3389/fphys.2021.711273. eCollection 2021.

Early Administration of Bamlanivimab in Combination with Etesevimab Increases the Benefits of COVID-19 Treatment: Real-World Experience from the Liguria Region.
Vena A, Cenderello G, Balletto E, Mezzogori L, Santagostino Barbone A, Berruti M, Ball L, **Battaglini D**, Bonsignore A, Dentone C, Giacobbe DR, Eldin TK, Mikulska M, Rebesco B, Robba C, Scintu A, Stimamiglio A, Taramasso L, Pelosi P, Artioli S, Bassetti M. *J Clin Med.* 2021 Oct 13;10(20):4682. doi: 10.3390/jcm10204682.

Enterococcal bloodstream infections in critically ill patients with COVID-19: a case series.
Giacobbe DR, Labate L, Tutino S, Baldi F, Russo C, Robba C, Ball L, Dettori S, Marchese A, Dentone C, Magnasco L, Crea F, Willison E, Briano F, **Battaglini D**, Patroniti N, Brunetti I, Pelosi P, Bassetti M. *Ann Med.* 2021 Dec;53(1):1779-1786. doi: 10.1080/07853890.2021.1988695.

The value of open-source clinical science in pandemic response: lessons from ISARIC.

ISARIC Clinical Characterisation Group. *Lancet Infect Dis.* 2021 Dec;21(12):1623-1624. doi: 10.1016/S1473-3099(21)00565-X. Epub 2021 Oct 4.

Clinical significance of inflammatory markers of bacterial infection in critically ill patients with COVID-19 after treatment with anti-inflammatory and immunomodulatory drugs: a complex new scenario. Giacobbe DR, Ball L, Magnasco L, Dentone C, **Battaglini D**, Robba C, Pelosi P, Bassetti M. *Front Biosci (Landmark Ed).* 2021 Sep 30;(9):405-408. doi: 10.52586/4954.

Design and Rationale of a Prospective International Follow-Up Study on Intensive Care Survivors of COVID-19: The Long-Term Impact in Intensive Care Survivors of Coronavirus Disease-19-AFTERCOR. Wildi K, Li Bassi G, Barnett A, Panigada M, Colombo SM, Bandera A, Muscatello A, McNicholas B, Laffey JG, **Battaglini D**, Robba C, Torres A, Motos A, Luna CM, Rainieri F, Hodgson C, Burrell AJC, Buscher H, Dalton H, Cho SM, Choi HA, Thomson D, Suen J, Fraser JF. *Front Med (Lausanne).* 2021 Sep 8;8:738086. doi: 10.3389/fmed.2021.738086. eCollection 2021.

Neurological Manifestations of Coronavirus Disease 2019: A Comprehensive Review and Meta-Analysis of the First 6 Months of Pandemic Reporting. Huth SF, Cho SM, Robba C, Highton D, **Battaglini D**, Bellapart J, Suen JY, Li Bassi G, Taccone FS, Arora RC, Whitman G, Fraser JF, Fanning JP. *Front Neurol.* 2021 Aug 12;12:664599. doi: 10.3389/fneur.2021.664599. eCollection 2021.

Coronavirus Disease 2019 Phenotypes, Lung Ultrasound, Chest Computed Tomography and Clinical Features in Critically Ill Mechanically Ventilated Patients. Orlandi D, **Battaglini D**, Robba C, Viganò M, Bergamaschi G, Mignatti T, Radice ML, Lapolla A, Turtulici G, Pelosi P. *Ultrasound Med Biol.* 2021 Jul 24;S0301-5629(21)00311-2. doi: 10.1016/j.ultrasmedbio.2021.07.014. Online ahead of print.

Design and Rationale of a Prospective International Follow-Up Study on Intensive Care Survivors of COVID-19: The Long-Term Impact in Intensive Care Survivors of Coronavirus Disease-19-AFTERCOR. Wildi K, Li Bassi G, Barnett A, Panigada M, Colombo SM, Bandera A, Muscatello A, McNicholas B, Laffey JG, **Battaglini D**, Robba C, Torres A, Motos A, Luna CM, Rainieri F, Hodgson C, Burrell AJC, Buscher H, Dalton H, Cho SM, Choi HA, Thomson D, Suen J, Fraser JF. *Front Med (Lausanne).* 2021 Sep 8;8:738086. doi: 10.3389/fmed.2021.738086. eCollection 2021.

Clinical significance of inflammatory markers of bacterial infection in critically ill patients with COVID-19 after treatment with anti-inflammatory and immunomodulatory drugs: a complex new scenario. Giacobbe DR, Ball L, Magnasco L, Dentone C, **Battaglini D**, Robba C, Pelosi P, Bassetti M. *Front Biosci (Landmark Ed).* 2021 Sep 30;(9):405-408. doi: 10.52586/4954.

Lung distribution of gas and blood volume in critically ill COVID-19 patients: a quantitative dual-energy computed tomography study. Ball L, Robba C, Herrmann J, Gerard SE, Xin Y, Mandelli M, **Battaglini D**, Brunetti I, Minetti G, Seitun S, Bovio G, Vena A, Giacobbe DR, Bassetti M, Rocco PRM, Cereda M, Rizi RR, Castellan L, Patroniti N, Pelosi P; Collaborators of the GECOVID Group. *Crit Care.* 2021 Jun 21;25(1):214. doi: 10.1186/s13054-021-03610-9. PMID: 34154635

Early Effects of Passive Leg-Raising Test, Fluid Challenge, and Norepinephrine on Cerebral Autoregulation and Oxygenation in COVID-19 Critically Ill Patients. Robba C, Messina A, **Battaglini D**, Ball L, Brunetti I, Bassetti M, Giacobbe DR, Vena A, Patroniti N, Cecconi M, Matta BF, Liu X, Rocco PRM, Czosnyka M, Pelosi P. *Front Neurol.* 2021 Jun 16;12:674466. doi: 10.3389/fneur.2021.674466. eCollection 2021. PMID: 34220684

Infectious disease-associated encephalopathies. Barbosa-Silva MC, Lima MN, **Battaglini D**, Robba C, Pelosi P, Rocco PRM, Maron-Gutierrez T. *Crit Care.* 2021 Jul 6;25(1):236. doi: 10.1186/s13054-021-03659-6. PMID: 34229735

Ischemic and Hemorrhagic Stroke Among Critically Ill Patients With Coronavirus Disease 2019: An International Multicenter Coronavirus Disease 2019 Critical Care Consortium Study. Cho SM, Premraj L, Fanning J, Huth S, Barnett A, Whitman G, Arora RC, **Battaglini D**, Porto DB, Choi H, Suen J, Bassi GL, Fraser JF, Robba C, Griffiee M. *Crit Care Med*. 2021 Jul 28. doi: 10.1097/CCM.0000000000005209. Online ahead of print. PMID: 34269719

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Neurological Manifestations of Coronavirus Disease 2019: A Comprehensive Review and Meta-Analysis of the First 6 Months of Pandemic Reporting. Huth SF, Cho SM, Robba C, Highton D, **Battaglini D**, Bellapart J, Suen JY, Li Bassi G, Taccone FS, Arora RC, Whitman G, Fraser JF, Fanning JP. *Front Neurol*. 2021 Aug 12;12:664599. doi: 10.3389/fneur.2021.664599. eCollection 2021. PMID: 34456840

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Title: Appraisal of systemic inflammation and diagnostic markers in a porcine model of VAP: secondary analysis from a study on novel preventive strategies. G. Li Bassi, R. Guillaumat Prats, A. Artigas, E. Aguilera Xiol, JD. Marti, O.T. Ranzani, M. Rigol, L. Fernandez, A. Meli, **D. Battaglini**, N. Luque, M. Ferrer, I. Martin-Loeches, P. Póvoa, D. Chiumello, P. Pelosi and A. Torres. *Intensive Care Med* Exp. 2018 Oct 20;6(1):42. doi: 10.1186/s40635-018-0206-1.

Title: In-vitro analysis of a novel 'add-on' silicone cuff to improve sealing properties of tracheal tubes. G. Li Bassi, C. Chiurazzi, E. Aguilera, C. Traverso, **D. Battaglini**, M. Yang, A. Motos, H. Yang, A. Meli, D. Marti, O.T. Ranzani, F. Blasi, P. Pelosi, D. Chiumello, A. Torres. *Anaesthesia*. 2018 Nov;73(11):1372-1381. doi: 10.1111/anae.14413.

Title: Postintubation tracheal stenosis: a case report. **D. Battaglini**, I. Brunetti, A. Molin, F. Tarantino, M. Sorbello, F. Mora, G. Peretti, P. Pelosi. *TAAC*. Ottobre 2017.

Title: Postoperative respiratory disorders. L. Ball, **D. Battaglini**, P. Pelosi. *Curr Opin Crit Care*. 2016 Aug;22(4):379-85. doi: 10.1097/MCC.0000000000000312. Review

Title: Respiratory Care of Neurologic Patient. L. Ball, **D. Battaglini**, P. Pelosi Springer, 2019. Textbook of Neuroanesthesia and Neurocritical Care, Volume II - Neurocritical Care. ISBN 978-981-13-3389-7

Title: Ten false beliefs on mechanical ventilation in brain injured patients. Book Chapter. **D. Battaglini**, C. Robba, P. Pelosi. Springer Nature Switzerland AG 2020 1 J.-L. Vincent (ed.), *Annual Update in Intensive Care and Emergency Medicine 2020*, AUICEM, https://doi.org/10.1007/978-3-030-37323-8_34.

Abstract International Congress ESICM 2021: The effect of rescue therapies on systemic and cerebral O₂ in COVID-19 Iannuzzi F, Ball L, **Battaglini D**, Brunetti I et al.

Abstract National Congress 73° SIAARTI-ICARE, Roma 2019 – Efficacy of multimodal specialistic training on technical and non-technical skills in critical emergency medicine (CREM): the role of SIAARTI Academy. A. Ionescu Maddalena, R. R. Caporusso, E. Garofalo, A. Bruni, M. G. Bocci, F. Petrini, **D. Battaglini**.

Abstract International Congress ERS (European Respiratory Society). Madrid, 28/09-02/09/2019 - Telavancin vs. linezolid in an animal model of severe MRSA pneumonia. M. Yang, G. Li Bassi, A. Motos, H. Yang, J. Bobi, A. Meli, **D. Battaglini**, R. Cabrera, G. Tanzella, C.R. Vargas, L. Fernandez, M. Rigol, A. Torres.

Abstract Tracheal intubation in operating room in adult patients at risk for cervical spinal cord injury: a systematic review and meta-analysis of randomized trials. *SMART Meeting 2019*. P. De Domenico, L. Maiello, **D. Battaglini**, M. Pintaudi, C. Notte, D. Mamo, M. Filippini, P. Pelosi, A. Zangrillo.

Abstract Congresso internazionale 39° ISICEM, Brussels, 2019 – Risk Factors for sepsis in very old patients with community-acquired pneumonia - C. Dominedò, C. Cilloniz, A. Ielpo, M. Ferrer, A. Gabarrús, **D. Battaglini**, J. Bermejo-Martin, A. Meli, C. García-Vidal, A. Liapikou, A. Torres.

Abstract Congresso internazionale 29° ECCMID. Amsterdam 2019. Effect of aerosolized amikacin (BAY41-6551) within endotracheal tubes biofilm from pigs with severe *Pseudomonas aeruginosa* pneumonia. L. Fernandez-Barat, R. Cabrera, A. Motos, H. Yang; M. Yang, G. Li Bassi, J. Bobi, A. Meli, **D. Battaglini**, F. Pagliara, T. Ferrer, N. Vázquez, D. Chiumello, P. Pelosi, M. Rigol, M. Ferrer, A. Torres.

Abstract Congresso internazionale 29° ECCMID. Amsterdam 2019. Bactericidal efficacy of antibiotic combinations associated with corticosteroids in a porcine model of severe *Streptococcus pneumoniae* pneumonia. A. Motos, M. Yang, A. Meli, **D. Battaglini**, H. Yang, J. Bobi, R. Cabrera, G. Tanzella, C. Rosa-Vargas, O. Renzani, L. Fernandez-Barat, M. Rigol, D. Nicolau, D. Chiumello, P. Pelosi, A. Torres.

Abstract Congresso internazionale 29° ECCMID. Amsterdam 2019. Inhaled amikacin in association with systemic meropenem reduces proximal airways bacterial burden and hinders antibiotic resistance in a swine model of unilateral MDR. H. Yang, G. Li Bassi, M. Yang, A. Meli, **D. Battaglini**, J. Bobi, R. Cabrera, A. Motos, A. Ferrer, F. Pagliara, L. Fernandez-Barat, M. Rigol, D. Nicolau, D. Chiumello, P. Pelosi, A. Torres.

Abstract Congresso internazionale 29° ECCMID. Amsterdam 2019. Prevalence, risk and prognostic factors related to sepsis in very old patients with community-acquired pneumonia. C. Cilloniz, C. Dominedò, A. Ielpo, M. Ferrer, A. Gabarrús, J. F. Bermejo-Martin, C. Garcia Vidal, A. Lipikou, A. Meli, **D. Battaglini**, A. Torres.

Abstract Congresso SEPAR. Santiago de Compostela, 2019. Prevalencia, factores de riesgo y pronóstico relacionados con sepsis en el paciente anciano con neumonia adquirida en la comunidad. C. Cilloniz, C. Dominedò, A. Ielpo, M. Ferrer, A. Gabarrús, **D. Battaglini**, J. Bermejo-Martin, A. Meli, C. Garcia-Vidal, D. Magdaleno.

Abstract Congresso nazionale 29° SMART. Milano, 2018 - Cerebral blood flow assessed with color Doppler sonography during sedation with dexmedetomidine versus propofol in critically ill patients: a prospective case-crossover study. G. Bonatti, F. Tarantino, A. Insorsi, A. De Ferrari A, T. Senussi Testa, G. Zucco, A. Galanti, A.

Montevecchi, **D. Battaglini**, A. Molin, V. Pinasco, I. Brunetti, C. Robba, L. Ball, N. Patroniti, P. Pelosi. Maggio 2018.

Abstract Congresso internazionale ERS (European Respiratory Society). Parigi, 2018 - Telavancin vs. linezolid in an animal model of severe MRSA pneumonia. **D. Battaglini**, G. Li Bassi, F. Pagliara, A. Meli, H. Yang, M. Yang, A. Motos, J. Bobi, E. Aguilera, T. Senussi, J. Miller, L. Fernandez, E. Barbeta Viñas, A. Torres. Oral presentation, presenting author.

Abstract Congresso internazionale ERS (European Respiratory Society). Parigi, 2018 Preliminary evaluation of the dynamics of pulmonary function and mechanics after lateral positioning in an animal model of severe monolateral pneumonia. A. Meli, **D. Battaglini**, E. Barbeta Vinas, M. Yang, J. Bobi, A. Motos, G. Li Bassi, A. Torres.

Abstract Congresso internazionale ERS (European Respiratory Society). Parigi, 2018 Safety of cough assist set at different pressure levels in an animal model of mechanical ventilation. J. D. Martí Romeu, R. Martinez Alejos, G. Li Bassi, X. Pilar Diaz, H. Yang, F. Pagliara, **D. Battaglini**, A. Meli, M. Yang, J. Bobi, A. Motos, A. Torres.

Abstract Congresso Internazionale 31° ESICM. Parigi, 2018 - An experimental study on nebulized Amikacin as adjunctive therapy for multi-drug resistant *P. aeruginosa* right-sided pneumonia. G. Li Bassi, H. Yang, A. Motos, A. Meli, J. Bobi, **D. Battaglini**, M. Yang, E. F. Pagliara; E. Aguilera Xiol, J. Miller, T. Ferrer, M. Rigol, R. Cabrera, L. Fernández-Barat, A. San Jose; V. Rosario; D. Chiumello; P. Pelosi, A. Torres. Poster discussion.

Abstract Congresso Internazionale 31° ESICM. Parigi, 2018 - Bactericidal effect of telavancin in comparison with linezolid for the treatment of severe MRSA pneumonia: an experimental study. **D. Battaglini**, MD, G. Li Bassi, MD, PhD; L. Fernandez, PhD, A. Motos, MD, M. Yang, MD, A. Meli, MD, H. Yang, MD, F. Pagliara, MD, J. Bobi, DVM, E. Aguilera, PhD, T. Senussi, MD, J. Miller, MSc, E. Barbeta, MD¹ P. Pelosi, MD, FERS, D. Chiumello, MD, and A. Torres, MD, PhD, FERS.

Abstract Congresso Internazionale 31° ESICM. Parigi, 2018 - Lateral decubitus worsens lung ultrasound score of dependent lungs in an experimental model of right-sided pneumonia. A. Meli, **D. Battaglini**, E. Barbeta, G. Li Bassi, A. Motos, J. Bobi, M. Yang, H. Yang, J. Miller, L. Fernández-Barat, F. Pagliara, E. Aguilera Xiol, G. Frigola, M. Rigol, T. Ferrer, R. Cabrera, V. Rosero, D. Chiumello, P. Pelosi, J. Ramirez, A. Torres. Poster discussion.

Abstract 72° Congresso Nazionale SIAARTI. Palermo 2018. - Nebulized amikacin as adjunctive therapy in an experimental model of severe Pseudomonas Aeruginosa mono-lateral pneumonia. **D. Battaglini**, A. Meli, G. Li Bassi, H. Yang, L. Fernandez-Barat, A. Motos, J. Bobi, M. Yang, F. Pagliara, E. Aguilera-Xiol, J. Miller, G. Frigola, M. Rigol, R. Cabrera, A. San Josè, V. Rosero, D. Chiumello, P. Pelosi, J. Ramirez, A. Torres.

Abstract Congresso nazionale 23° IRC. Genova, 2017 - Management of Clinical Emergency: A survey on hi-fi simulation role according to students, physicians and nurses - A. Galanti Occulti, **D. Battaglini**, A. Insorsi, I. Brunetti, S. Maiani, P. Pelosi. Ottobre 2017.

Work experience

<i>Site</i>	<i>from</i>	<i>to</i>	<i>Mansion</i>	<i>Time</i>
ASL3 Sistema Sanitario Regione Liguria, Italy	13/06/2014	13/06/2014	Sostitution General practitioner	Partial
ASL3 Sistema Sanitario Regione Liguria, Italy	23/06/2014	27/06/2014	Sostitution General practitioner	Partial
ASL3 Sistema Sanitario Regione Liguria, Italy	04/08/2014	04/08/2014	Sostitution General practitioner	Partial
ASL3 Sistema Sanitario Regione Liguria, Italy	18/08/2014	29/08/2014	Sostitution General practitioner	Partial

ASL3 Sistema Sanitario Regione Liguria, Italy	01/11/2014	28/02/2015	Medico di Continuità Assistenziale	Partial
Ospedale Policlinico San Martino, IRCCS per Oncologia e Neuroscienze, Genoa, Italy	09/03/2020	15/10/2020	Consultant in Anesthesia and Intensive Care	Full time
Ospedale Policlinico San Martino, IRCCS per Oncologia e Neuroscienze, Genoa, Italy	16/10/2020	Indeterminate	Consultant in Anesthesia and Intensive Care	Full time
University of Barcelona, Barcelona, Spain	20/12/2019	ongoing	PhD researcher**	Partial
Department of Pulmonary and Critical Care Medicine, Division of Animal Experimentation. Hospital Clinic, Barcelona, University of Barcelona, Spain	02/10/2017	31/12/2018	Research Fellow	Full time
Laboratory of Pulmonary Investigation, Carlos Chagas Filho Institute of Biophysics, Federal University of Rio de Janeiro, Rio de Janeiro, Brazil	31/08/2019	29/09/2019	Research Fellow	Full time

**without scholarship/ borsa

Teaching activities:

Course Title: Gestione avanzata delle vie aeree. Gestione della tracheostomia nel paziente non-COVID-19 e COVID-19. SIAARTI, Mandragora. Online

Course Title: Quantify nutritional requests and goals. Hands on experiences: il ruolo di Q-NRG+ nella diagnostica nutrizionale avanzata. Online event. Baxter. 2021, online.

Course Title: iWIN International women in Intensive Care. 2021 Online course.

Course Title: Webinar ESICM. Noninvasive neuromonitoring in COVID-19 patients. 2020, November. N 1 hour.

Podcast ESICM. Translational biology 2022

Podcast ESICM Neuromonitoring 2021

Mechanical ventilation in COVID-19 2021- Congresso turco di emergenza e urgenza. Bodrum. Online

Course Title

Organized by Scuola di Scienze Mediche e Farmaceutiche, Università degli studi di Genova. BLS-D per Scuola di Igiene Dentale, Università degli Studi di Genova. Centro di simulazione avanzata.

a.a. / a.s. 2020 - 28/01/2020 n. 5 hours

Anesthesia and Intensive Care, Basic Life Support Defibrillation

Course Title *Induction course*

Organized by Scuola di Scienze Mediche e Farmaceutiche, Università degli Studi di Genova. Corso introduttivo per gli specializzandi di anestesia e rianimazione. Centro di Simulazione Avanzata, Genova a.a. /

a.s. 2019/2020 - 11/2019 n. 10 hours

Anesthesia and Intensive Care

Course Title Basic Life Support and Defibrillation

Organized by Scuola di Scienze Mediche e Farmaceutiche, Università degli Studi di Genova. Centro di Simulazione Avanzata, Genova.

a.a. / a.s. 2015/2016 oppure: data di svolgimento n. 20 hours/y

Basic Life Support and Defibrillation

Course Title: Basic Life Support and Defibrillation

Scuola di Scienze Mediche e Farmaceutiche, Università degli Studi di Genova. Centro di Simulazione Avanzata, Genova.

a.a. / a.s. 2016/2017 n. 20 hours/anno

Anesthesia and Intensive Care, Basic Life Support and Defibrillation

Course Title Basic Life Support and Defibrillation

Scuola di Scienze Mediche e Farmaceutiche, Università degli Studi di Genova. Centro di Simulazione Avanzata, Genova.

a.a. / a.s. 2018/2019 n. 20 hours/anno

Anesthesia and Intensive Care, Basic Life Support and Defibrillation

Course Title Corso pratico di soccorso avanzato ALS

Scuola di Scienze Mediche e Farmaceutiche, Università degli Studi di Genova. Centro di Simulazione Avanzata, Genova.

a.a. / a.s. 2015/2016 n. 20 hours/anno

Anesthesia and Intensive Care, Advanced Life Support

Course Title Corso pratico di soccorso avanzato ALS

Scuola di Scienze Mediche e Farmaceutiche, Università degli Studi di Genova. Centro di Simulazione Avanzata, Genova.

a.a. / a.s. 2016/2017 n. 20 hours/anno

Anesthesia and Intensive Care, Advanced Life Support

Course Title Corso pratico di soccorso avanzato ALS

Scuola di Scienze Mediche e Farmaceutiche, Università degli Studi di Genova. Centro di Simulazione Avanzata, Genova.

a.a. / a.s. 2018/2019 n. 20 hours/anno

Anesthesia and Intensive Care, Advanced Life Support

Courses, seminars

Neuromonitoring in perioperative period. Podcast ESICM – with C. Robba

10/12/2021

SPEAKER

Quantify nutritional requests and goals. Hands on experiences: il ruolo di Q-NRG+ nella diagnostica nutrizionale avanzata. All day.

28/09/2021

SPEAKER

Gestione avanzata delle vie aeree. Gestione della tracheostomia nel paziente non-COVID-19 e COVID-19.

SIAARTI, Mandragora.

Rome 09/09/2021. All day.

SPEAKER

iWIN International Women in Intensive Care. All day.
Online course.
25-26/06/2021.
SPEAKER

Gestione avanzata delle vie aeree. Gestione della tracheostomia nel paziente non-COVID-19 e COVID-19.
Rome SIAARTI
09/09/2021, one day.
SPEAKER

Frozen Shoulder: approccio conservativo e chirurgico
BBV Italia srl
31/01/2020 num. Days 1
SPEAKER

What we need to know to win the battle against superbugs?
Fondazione Internazionale Menarini
16-17/01/2020 num. Days 2
AUDITOR

Corso di ottimizzazione emodinamica in sala operatoria
SIAARTI, Genova
06/12/2019 num. Days 1
AUDITOR

Normotermia perioperatoria
SIAARTI, Genova
26/11/2019 num. Day 1
AUDITOR

Patient Blood Management
SIAARTI, Genova
22/11/2019 num. Day 1
AUDITOR

73° Congresso Nazionale ICARE SIAARTI
SIAARTI, Roma
15-18/10/2019 num. Days 4
SPEAKER

Gestione delle vie aeree
SIAARTI Proxima, Pisa
5-6/07/2019 num. Days 3
SPEAKER

ESA (European Society of Anesthesiology) Congress
ESA, Vienna
1-3/06/2019 num Days 3
AUDITOR

SIAARTI Academy CREM, Critical Emergency Medicine, gestione delle Maxi-Emergenze
SIAARTI, Lampedusa
24/05/2019 num. Days 6
SPEAKER

ACLS - Advanced Cardiovascular Life Support - Crisis Research Management (CRM) of American Heart Association (AHA)
AAROI e AHA, Bologna
6/7-05-2019 num. Day 2
AUDITOR

Safety Quality Realibility SAQURE
AAROI, Roma
4-6/04/2019 num. Days 3
AUDITOR

Evento *Pain Update* durante il convegno nazionale SIAARTI CAMP3-US
SIAARTI, Milano
23/03/2019 num. Day 1
AUDITOR

Convegno nazionale SIAARTI CAMP3-US
SIAARTI, Milano
22/03/2019 num. Day 1
SPEAKER

ESA Masterclass in Statistics and Research Methodology
ESA European Association of Anesthesiology, Athens
5-7/03/2019 num. Days 3
AUDITOR

Neurons Neurocritical care and management and Symposium
ACCMed, Genova
28/02-2/03/2019 num. Days 3
AUDITOR

Pain Academy, Corso per specialisti in formazione in anestesia
SIAARTI, Napoli
5-7/11/2018 num. Days 3
AUDITOR

72° Congresso Nazionale SIAARTI
SIAARTI, Palermo
10-13/10/2018 num. Days 4
SPEAKER

International Congress ERS (European Respiratory Society)
ERS, Parigi
15-19/09/2018 num. Days 5
SPEAKER

Congresso HeCo Update
SIAARTI, Palermo
23/06/2018 num. Day 1
SPEAKER

Congresso Scelte di Peso
SIAARTI, Palermo
22/06/2018 num. Day 1
SPEAKER

71° Congresso Nazionale *SIAARTI*
SIAARTI, Rimini
18-21/10/2017 num. Day 4
SPEAKER

Corso TAT- train the airway training. Istruttore certificato di gestione delle vie aeree
SIAARTI EAMS, Roma
08/09/2017 num. Day 1
AUDITOR

Corso di gestione avanzata delle vie aeree
SIAARTI, Roma
09/09/2017 num. Day 1
AUDITOR

Summer school Neurointensive Care, Milano Bicocca, Monza
Università Milano Bicocca, Monza
26-30/06/2017 num. Days 5
AUDITOR

SIAARTI Academy CREM, Critical Emergency Medicine, gestione delle Maxi-Emergenze
SIAARTI, Lampedusa
22-26/05/2017 num. Days 5
AUDITOR

Hi-fidelity simulation Dexmedetomidine
CISEF, Genova
16/05/2017 num. Day 1
SPEAKER

Congresso *SMART*
Meeting Anesthesia Resuscitation inTensive care, Milano
10-12/05/2017 num. Days 3
AUDITOR

Gestione delle aritmie cardiache durante intervento chirurgico con sistemi di simulazione
AAROI, Bologna
15-16/02/2017 num. Days 2
AUDITOR

Ecografia in anestesia locoregionale con sistemi di simulazione
AAROI, Bologna
3-4/11/2016 num. Days 2
AUDITOR

Perioperative care and Analgesia in prosthetic surgery
Ospedale Santa Corona, Pietra Ligure
15/10/2016 num. Day 1
AUDITOR

H-MIMMS (Hospital- Major Incident Management and Support)
AAROI gruppo ALS, Bologna
6-7/10/2016 num. Days 2
AUDITOR

SIAARTI Academy Hospital

SIAARTI, Bologna
24-26/03/2018 num. Days 3
SPEAKER

Corso regionale di formazione per medici da adibire ai servizi di emergenza territoriale.

ASL3 Liguria
october 2015-april 2016, 6 months AUDITOR

MACRON 2016: analgesia per il travaglio ed il parto
CISEF, Genova
01/10/2016 num. Day 1
AUDITOR

ITLS (International Trauma Life Support), advanced provider course
IRC Italian Resuscitation Council, Genova
22/01/2016 num. Days 2
AUDITOR

ALS Advanced Life Support
IRC Italian Resuscitation Council, Genova
15-17/12/2015 num. Days 3
AUDITOR

P- BLS (Paediatric basic Life Support)
Italian Resuscitation Council, Genova
04/12/2015 num. Day 1
AUDITOR

BLS (Basic Life Support Defibrillation)
IRC Italian Resuscitation Council, Genova
20/11/2015 num. Day 1
AUDITOR

Raccomandazioni per il controllo delle vie aeree difficili
SIAARTI, Roma
2015 num. Day 1
AUDITOR

Congresso *SMART*
Smart Meeting Anesthesia Resuscitation in Tensive care, Milano
27-29/05/2015 num. 3 days
AUDITOR

Farmaci anticoagulanti di ultima generazione: gestione in anestesia generale, locoregionale ed emergenza
Ospedale Policlinico San Martino, Genova
05/05/2015 num. 1 day
AUDITOR

Il corso residenziale in Neuro-onco-Endocrinologia
NoGeRo, Genova
5-6/12/2013 num. 2 days
AUDITOR

Denominazione del corso: Hot topics in renal transplantation: late post-transplant course and complication

Ente organizzatore e luogo svolgimento: CISEF, Genova
Data/e di svolgimento 13/04/2013 num. Giorni 1 oppure ore compless
AUDITOR

Gestione Clinica della Malattia Renale Cronica nell'Ambulatorio di Nefrologia
Ospedale Policlinico San Martino, Genova
16/05/2013 num. 1 day
AUDITOR

Formazione generale sulla sicurezza e salute nei luoghi di lavoro. Prof. Umberto Benatti Prof. Paolo Durando.
Ospedale Policlinico san Martino, Genova (GE).
01/03/2018 num. Hours 4
AUDITOR

Corso sui rischi specifici in ambito sanitario. Responsabili scientifici: Prof. Umberto Benatti Prof. Paolo Durando.
Ospedale Policlinico san Martino, Genova (GE).
Data/e di svolgimento 05/03/2018 num. 8 hours
AUDITOR

Representative positions

- 2022 – 2024 NEXT representative of translational biology section of ESICM
 - 2022 – 2024 NEXT Committee Member European Society of Intensive Care Medicine (ESICM)
 - 2021 – 2022 NEXT Elect Committee Member European Society of Intensive Care Medicine (ESICM)
 - 2022-2024 Board member Airway Management SIAARTI (2022-2024)
 - Regional Representative Liguria Region SIAARTI (2022-2024)
 - Regional Representative Liguria region neospecialists (2022-2024)
 - IWIN Congress Scientific Committee (2022-2024)
 - 2020 – 2021 Regional Representative Young Specialists Liguria region, Proxima SIAARTI (Società Italiana Anestesia Analgesia Rianimazione Terapia Intensiva).
 - 2019 – 2020 Member of Executive Committee SIAARTI (Società Italiana Anestesia Analgesia Rianimazione Terapia Intensiva).
 - 2017 – 2019 National Representative Proxima SIAARTI (Società Italiana Anestesia Analgesia Rianimazione Terapia Intensiva).
 - 2019 – 2020 National Trainee Representative European Society of Anesthesia and Intensive Care – ESAIC
 - Promotor of the network Neurorianimazioni e neuroanestesi italiane, NeurItaly (Prof P. Pelosi e Dr.ssa C. Robba)
 - Critical Care Consortium ECMOCARD COVID-19 member and promotor
 - ISARIC partner member
 - AFTERCORE steering committee member
- Protocols
 - Protocol Ospedale Policlinico San Martino, Genova. Svezamento dalla ventilazione meccanica invasiva e ruolo della fisioterapia respiratoria nel setting critico.
 - Protocol interno Ospedale Policlinico San Martino, Genova. Gestione Emorragia Subaracnoidea.
 - Protocol Ospedale Policlinico San Martino, Genova. Gestione epilessia.
 - Protocol Ospedale Policlinico San Martino, Genova. Criteri di Ammissione, dimissione e triage in terapia intensiva.
 - Protocol Ospedale Policlinico San Martino, Genova. Gestione del fine vita e cure palliative.
 - Flow-chart - Protocollo di gestione del trauma, redatto in versione italiana sulla guida inglese

BMJ, con approvazione. SIAARTI. Palermo, 2018.

- Scientific Committee
 - IWIN Congress Scientific Committee (2022-2024)
 - Translational Biology section NEXT Representative ESICM
 - Collaborator PROTHOR trial
 - Steering Committee ATERCOR study
 - Steering Committee Critical Care Consortium COVID-19, Neurological Substudy.
 - Steering Committee DESIGNATION Trial
 - Scientific Committee 73° Congresso Nazionale SIAARTI 2019, ICARE.
 - Scientific Committee SIAARTI Academy Critical Emergency Medicine (CREM), anno 2020.
 - Scientific Committee Comitato dei congressi SIAARTI, anno 2019.
 - Steering Committee NeurITALY (Italian Network for research in Neuroanaesthesia and Neurointensive care)
 - Steering Committee Outcomes among hypoxemic patients receiving non-invasive ventilation in intensive care units: an Italian observational study – SPIRITUM
- Winner
 - Research Grant 5 x 1000 Ministero della Salute Italiano -- MICROB-ICU -- Identificazione e modulazione del microbiota in pazienti neurolesi ricoverati in Terapia Intensiva. Identification and modulation of Microbiota in Neurocritically ill patients (y 2021-2023)
 - Winner *Poster AWARD al 39° ISICEM*, Brussels, 2019 – Risk Factors for sepsis in very old patients with community-acquired pneumonia - C. Dominedò, C. Cillóniz, A. Ielpo, M. Ferrer, A. Gabarrús, **D. Battaglini**, J. Bermejo-Martin, A. Meli, C. Garcia-Vidal, A. Liapikou, A. Torres.
- Peer reviewer
 - Reviewer Critical Care
 - Reviewer Annals of Translational Medicine
 - Reviewer Respiratory Care
 - Reviewer Frontiers Neurology
 - Editor and Reviewer Frontiers in Medicine
 - Reviewer Current Neuropharmacology
 - Reviewer Intensive Care Medicine Experimental
 - Reviewer BMC Infectious Disease
 - Reviewer Medicina
 - Reviewer Expert Review Resp Medicine
 - Reviewer Journal of Clinical Medicine
 - Reviewer Infectious disease and therapy
 - Editorial board invitation Infectious disease report
 - Reviewer JECCM
 - Reviewer Molecular Medicine
 - Reviewer Dove press
 - Reviewer BMJ Open
 - Reviewer Scientific Reports, Nature
 - Editor and reviewer BMC Pulmonary Medicine
 - Reviewer BMC Anesthesiology
 - Reviewer Critical Ultrasound Journal
 - Reviewer JAAC SIAARTI
- Ongoing Projects
 - Microbiota in neurocritical care, monocentric (PI)
 - Tracheostomy in COVID-19 – COVID-19 WeanTrach (PI)
 - FIS-ICU respiratory physiotherapy, monocentric observational (PI)
 - Crit Care Consortium ELSO ECMOCARD Tracheostomy outcome in COVID-19 patients (PI)
 - Crit Care Consortium ELSO ECMOCARD Association between positive end-expiratory pressure (PEEP) and outcome in critically ill COVID-19 patients (PI)
 - Crit Care Consortium ELSO ECMOCARD Association between hemoglobin level, altitude, and outcome in critically ill COVID-19 patients (PI)
 - Crit Care Consortium ELSO ECMOCARD neurological substudy (PI)
 - SR and Metanalysis on Tracheostomy practice in COVID-19 (PI)

- The ENIO project (investigator) PROVE Net
- Prespon (investigator)
- Prothor (investigator) PROVE Net
- ACTIVE (investigator)
- Designation (investigator) PROVE Net
- ICONIC (investigator) PROVE Net
- TTM-2 (investigator) Target Temperature Management-2
- Critical Care Consortium COVID-19, Neurological Sub-study group core member
- AFTERCOR study (steering committee)
- Tempo (investigator)
- Start Trip (investigator)
- Neuromonitoring during mechanical ventilation – CENEM, local project (investigator)
- Hypothermia in ischemic stroke rats during MV and deep sedation with dexmedetomidine/propofol (Rio de Janeiro, Brazil) (PI)
- Campagna sicura SIAARTI 2015, Ospedale Policlinico San Martino, Genova
- Member della Società Italiana di Anestesia Analgesia Rianimazione e Terapia Intensiva (SIAARTI) 2014-today
- Member European Society of Anesthesia and Intensive Care (ESAIC) dal 2017-today
- Member European Society of Intensive Care Medicine ESICM 2019-today
- Member study group SIAARTI di Gestione delle Vie aeree dal 2017-today
- Member study group SIAARTI di Neuroanestesia e Neurorianimazione 2017- today
- Member study group SIAARTI Insufficienza respiratoria 2018-2020
- Member European Airway Management Society (EAMS) 2019-today
- Member SIEC Società Italiana di Ecocardiografia e Cardiovascular Imaging dal 2017-today

Languages

Italian mothertongue

English listen C1, speak C1, write C1

Spanish listen C2, speak C2, write B2

Catalan listen A1

Portuguese listen A1

Genoa, 05/07/2022

SIGNATURE

Denise Battaglini

