

*Curriculum Vitae*

**Dott. Roberto Tonelli**

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**FORMAZIONE**

2023 – presente

**Ricercatore**

Unità di Terapia Intensiva, Amsterdam University Medical Center, Amsterdam, Olanda

2022 – presente

**Assegnista di Ricerca Senior**

Dipartimento di Scienze Mediche e Chirurgiche Materno Infantili e dell'Adulto, Università degli Studi di Modena e Reggio Emilia

2019 - presente

**PhD Course in Clinical and Experimental Medicine – Corso di Dottorato in Medicina Clinica e Sperimentale**

Università degli Studi di Modena e Reggio Emilia

2019

**Laurea Specialistica in Malattie dell'Apparato Respiratorio**

Unità Operativa Complessa di Malattie dell'Apparato Respiratorio, Università degli Studi di Modena e Reggio Emilia  
Voto 110/100 con lode

2013

**Abilitazione alla Professione di Medico Chirurgo in Medicina e Chirurgia**

Università degli Studi di Modena e Reggio Emilia – Ordine dei Medici di Modena  
Voto: 270/270

2014

**Laurea in Medicina e Chirurgia**

Università degli Studi di Modena e Reggio Emilia  
Voto: 110/110 con lode

2002 – 2017

**Diploma di Maturità Classica**

Liceo Classico Ludovico Antonio Muratori, Modena  
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### **ESPERIENZE PROFESSIONALI**

2022 – presente	<b>Socio fondatore di IREC S.r.l. (C.F./P.I. 02959080355)</b>
2021 – presente	<b>Tutor e Docente di Metodologia Clinica, CdL in Medicina e Chirurgia</b> Università degli Studi di Modena e Reggio Emilia
2020 – presente	<b>Membro del Laboratorio di Pneumologia Sperimentale,</b> Dipartimento di Scienze Mediche e Chirurgiche Materno Infantili e dell'Adulto, Università degli Studi di Modena e Reggio Emilia ( <a href="http://www.experimentalpneumology.unimore.it/site/home.html">http://www.experimentalpneumology.unimore.it/site/home.html</a> )
2020 - presente	<b>Membro del COvid Neural Self-Triage App – National Telemedicine Interdisciplinary Network (CONSTANTINE) task force</b> ( <a href="https://www.constantinetaskforce.com">https://www.constantinetaskforce.com</a> ) per lo sviluppo di COVID-GUIDE chatbot ( <a href="https://covidguide.smass.ch/#/pathfinder/chatbot">https://covidguide.smass.ch/#/pathfinder/chatbot</a> )
2019 - presente	<b>Medico contrattista nel ruolo di Specialista in Malattie dell'Apparato Respiratorio</b> Unità Operativa Complessa di Malattie dell'Apparato Respiratorio, Azienda Ospedaliero-Universitaria Policlinico di Modena
2014 – 2019	<b>Medico in Formazione Specialistica</b> Azienda Ospedaliero-Universitaria Policlinico di Modena, Modena
2013 (Agosto-Settembre)	<b>Visiting Scholar</b> Interstitial Lung Disease Program, Division of Pulmonary, Critical Care, Allergy and Sleep Medicine, University of California San Francisco, San Francisco (CA, USA)
2013	<b>Tutor per studenti della facoltà di Medicina e Chirurgia – Progetto Tutoriamo</b> Università degli Studi di Modena e Reggio Emilia – Facoltà di Medicina e Chirurgia, Modena
2012 (Agosto)	<b>Medical Student Observer</b> Respiratory Disease Unit, Royal Brompton Hospital, Londra (UK)

## **PREMI RICEVUTI E RICONOSCIMENTI SCIENTIFICI**

- 2023**                      **Abilitazione Scientifica Nazionale Settore Disciplinare 06/D1 (Malattie dell'Apparato Cardiovascolare e Malattie Dell'Apparato Respiratorio) al ruolo di Professore di Seconda Fascia**  
Ministero dell'Università e della Ricerca
- 2019**                      **ERS Grant For Best Abstract In Noninvasive Ventilatory Support For Chronic Lung Diseases**  
per abstract dal titolo "Role of lung elastance on diaphragmatic dysfunction in exacerbated COPD patients who failed NIV"  
European Respiratory Society (<https://old.erscongress.org/funding-awards-2019/grant-recipients-and-sponsored-delegates.html>)
- 2013**                      **Premio Fondazione Cassa di Risparmio di Carpi per la Miglior Tesi di Laurea in Medicina e Chirurgia**  
Università degli Studi di Modena e Reggio Emilia
- 2007**                      **Titolo di Alfieri del Lavoro della Repubblica Italiana**  
Presidenza della Repubblica Italiana, Fondazione Cavalieri del Lavoro, Roma
- 2007**                      **Primo Premio Campionato Internazionale di Traduzione dal Latino "Certamen Ciceronianum Arpinas"**  
Arpino (Frosinone)
- 2003**                      **Primo Premio per la Traduzione dal Greco " Certamen Carolinum"**  
Modena

## **PUBBLICAZIONI**

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Research ID: AAB-7569-2022*

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2. Mattioli F, Serafini E, Andreani A, Cappiello G, Marchioni D, Pinelli M, Tonelli R, Clini E and Marchioni A, Endoscopic closure with double stenting and autologous fascia lata graft of large trachea-esophageal fistula, *Front. Surg.* 2023. doi.org/10.3389/fsurg.2023.1107461
3. Biagioni E, Ferrari E, Gatto I, Serio L, Farinelli C, Coloretti I, Talamonti M, Tosi M, Meschiari M, Tonelli R, Role of Selective Digestive Decontamination in the Prevention of Ventilator-Associated Pneumonia in COVID-19 Patients: A Pre-Post Observational Study. *J. Clin. Med.* 2023, 12, x. <https://doi.org/10.3390/xxxxx>
4. Mussini C, Cozzi-Lepri A, Meschiari M, Franceschini E, Burastero G, Faltoni M, Franceschi G, Iadernia V, Volpi S, Dessilani A et al. Do All Critically Ill Patients with COVID-19 Disease Benefit from Adding Tocilizumab to Glucocorticoids? A Retrospective Cohort Study. *Viruses* 2023, 15, 294. <https://doi.org/10.3390/v15020294>.
5. Tonelli R, Cortegiani A, Fantini R, Tabbì L, Castaniere I, Bruzzi G, Busani S, Ball L, Marchioni A, Clini E Accuracy of Nasal Pressure Swing to Predict Failure of High Flow Nasal Oxygen in Patients with Acute Hypoxemic Respiratory Failure. *Am J of Resp Crit Care Med*, 2022. doi: <https://doi.org/10.1164/rccm.202210-1848LE>.
6. Tonelli R, Castaniere I, Cortegiani A, Tabbì L, Fantini R, Andrisani D, Gozzi F, Moretti A, Bruzzi G, Manicardi L, Cerbone C, Nani C, Biagioni E, Cerri S, Samarelli V, Busani S, Girardis M, Marchioni A, Clini E. Inspiratory Effort and Respiratory Mechanics in Patients with Acute Exacerbation of Idiopathic Pulmonary fibrosis: A Preliminary Matched Control Study. *Pulmonology*. 2022 Sep 27:S2531-0437(22)00204-5. doi: 10.1016/j.pulmoe.2022.08.004. Epub ahead of print. PMID: 36180352.
7. Aramini B, Masciale V, Samarelli AV, Tonelli R, Cerri S, Clini E, Stella F and Dominici M Biological effects of COVID-19 on lung cancer: Can we drive our decisions. *Front. Oncol* 2022. 12:1029830. doi: 10.3389/fonc.2022.1029830.
8. Spagnolo P, Tonelli R, Samarelli AV, Castelli G, Coconcelli E, Petrarulo S, Cerri S, Bernardinello N, Clini E, Saetta M, Balestro E. The role of immune response in the pathogenesis of idiopathic pulmonary fibrosis: far beyond the Th1/Th2 imbalance. *Expert Opin Ther Targets*. 2022 Aug 19. doi: 10.1080/14728222.2022.2114897. Epub ahead of print. PMID: 35983984.
9. Tabbì L, Tonelli R, Comellini V, Dongilli R, Sorgentone S, Spacone A, et al; for the Respiratory Intensive Care Study group. Delirium incidence and risk factors in patients undergoing non-invasive ventilation for acute respiratory failure: a multicenter observational trial. *Minerva Anestesiol* 2022 Jun 15. DOI: 10.23736/S0375-9393.22.16511-9
10. Verduri A, Hewitt J, Carter B, Tonelli R, Clini E, Beghè B, Prevalence of asthma and COPD in a cohort of patients at the follow up after COVID-19 pneumonia, *Pulmonology* 2022, <https://doi.org/10.1016/j.pulmoe.2022.05.005>
11. Caputo F, Gelsomino F, Spallanzani A, Pettorelli E, Benatti S, Ghidini M, Grizzi G, Ratti M, Merz V, Messina C, Tonelli R, Luppi G, Melisi D, Dominici M, Salati M. Multicentre match-paired analysis of advanced biliary cancer long-term survivors: the BILONG study. *Clin Res Hepatol Gastroenterol*. 2022 May 21:101955. doi: 10.1016/j.clinre.2022.101955. Epub ahead of print. PMID: 35609824.
12. Gatto I, Biagioni E, Coloretti I, Farinelli C, Avoni C, Caciagli V, Busani S, Sarti M, Pecorari M, Gennari W, Guaraldi G, Franceschini E, Meschiari M, Mussini C, Tonelli R, Clini E, Cossarizza A, Girardis M; Modena COVID-19 Working Group. Cytomegalovirus blood reactivation in COVID-19 critically ill patients: risk factors and impact on mortality. *Intensive Care Med*. 2022 May 18:1–8. doi: 10.1007/s00134-022-06716-y. Epub ahead of print. PMID: 35583676; PMCID: PMC9116062.
13. Busani S, Coloretti I, Baciarello M, Bellini V, Sarti M, Biagioni E, Tonelli R, Marchioni A, Clini

- E, Guaraldi G, Mussini C, Meschiari M, Tonetti T, Pisani P, Nava S, Bignami E, Ranieri MV, MD, Girardis M, Association between respiratory distress time and invasive mechanical ventilation in COVID-19 patients: a multicentre regional cohort study., *Pulmonology* (2022), doi: <https://doi.org/10.1016/j.pulmoe.2022.03.004>
14. Alfano G, Morisi N, Frisina M, Ferrari A, Fontana F, Tonelli R, Franceschini E, Meschiari M, Donati G, Guaraldi G. Awaiting a cure for COVID-19: therapeutic approach in patients with different severity levels of COVID-19. *Infez Med.* 2022 Mar 1;30(1):11-21. doi: 10.53854/liim-3001-2. PMID: 35350263; PMCID: PMC8929729.
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16. Tonelli R, Cortegiani A, Marchioni A. et al. Nasal pressure swings as the measure of inspiratory effort in spontaneously breathing patients with de novo acute respiratory failure. *Crit Care* 26, 70 (2022). <https://doi.org/10.1186/s13054-022-03938-w>
17. Pelosi P, Tonelli R, Torregiani C, Baratella E, Confalonieri M, Battaglini D, Marchioni A, Confalonieri P, Clini E, Salton F, Pelosi P, Ruaro B. Different Methods to Improve the Monitoring of Noninvasive Respiratory Support of Patients with Severe Pneumonia/ARDS Due to COVID-19: An Update. *J. Clin. Med.* 2022, 11, 1704. <https://doi.org/10.3390/jcm11061704>
18. Mattioli F, Martone A, Andreani A, Cappiello G, Tonelli R, Clini E, Marchioni A, Extensive Tracheal Injuries: A Reasoned Multistep Approach to Guarantee Mechanical Ventilatory Support Developed During the COVID-19 Pandemic, *OTO Open* 2022, 6(1) 1–3.
19. Costi S, Brogneri A, Bagni C, Pennacchi G, Beneventi C, Tabbì L, Dell'Orso D, Fantini R, Tonelli R, Beghi GM et al. Rehabilitation of Difficult-to-Wean, Tracheostomized Patients Admitted to Specialized Unit: Retrospective Analyses over 10-Years. *Int. J. Environ. Res Public Health* 2022, 19, 2982. <https://doi.org/10.3390/ijerph19052982>.
20. Donatelli, P., Trentacosti, F., Pellegrino, M.R. et al. Correction: Endobronchial valve positioning for alveolar-pleural fistula following ICU management complicating COVID-19 pneumonia. *BMC Pulm Med* 22, 50 (2022). <https://doi.org/10.1186/s12890-022-01845-y>
21. Marchioni A, Mattioli F, Tonelli R, Andreani A, Cappiello GF, Serafini E, Stefani A, Marchioni D, Clini E, Endoscopic Bronchopleural Fistula Repair Using Autologous Fat Graft. *The Annals of Thoracic Surgery*, 2022 <https://doi.org/10.1016/j.athoracsur.2022.02.014>.
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- Clini E. Molecular Mechanisms and Cellular Contribution from Lung Fibrosis to Lung Cancer Development. *Int J Mol Sci.* 2021 Nov 10;22(22):12179. doi: 10.3390/ijms222212179. PMID: 34830058; PMCID: PMC8624248.
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31. Alfano G, Fontana F, Mori G, Giaroni F, Ferrari A, Giovanella S, Ligabue G, Ascione E, Cazzato S, Ballestri M, Di Gaetano M, Meschiari M, Menozzi M, Milic J, Andrea B, Franceschini E, Cuomo G, Magistroni R, Mussini C, Cappelli G, Guaraldi G; Modena Covid-19 Working Group (MoCo19). Acid base disorders in patients with COVID-19. *Int Urol Nephrol.* 2021 Jun 11:1–6. doi: 10.1007/s11255-021-02855-1. Epub ahead of print. PMID: 34115260; PMCID: PMC8193956.
32. Alfano G, Fontana F, Morisi N, Giaroni F, Mori G, Guaraldi G, Magistroni R, Cappelli G; Modena Covid-19 Working Group (MoCo19). One-year persistence of neutralizing anti-SARS-CoV-2 antibodies in dialysis patients recovered from COVID-19. *Hemodial Int.* 2021 Jul 6. doi: 10.1111/hdi.12963. Epub ahead of print. PMID: 34231319.
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36. Tonelli R, Pisani L, Tabbì L, Comellini V, Prediletto I, Fantini R, Marchioni A, Andrisani D, Gozzi F, Bruzzi G, Manicardi L, Busani S, Mussini C, Castaniere I, Bassi I, Carpano M, Tagariello F, Corsi G, d'Amico R, Girardis M, Nava S, Clini E. Early awake proning in critical and severe COVID-19 patients undergoing noninvasive respiratory support: A retrospective multicenter cohort study. *Pulmonology.* 2021 Mar 22:S2531-0437(21)00077-5. doi: 10.1016/j.pulmoe.2021.03.002. Epub ahead of print. PMID: 33824084; PMCID: PMC7983422.
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38. Demurtas J, Tonelli R, Celotto S, Veronese N, Lagolio E, Rossi F, Clini E, Righi E, Meer A. COVID-Guide: an app for covid-19 triage and self-assessment. *Recenti progressi in medicina* 2021, 112(5), 387-391.
39. Coloretti I, Busani S, Biagioni E, Venturelli S, Munari E, Sita M, Dall'Ara L, Tosi M, Clini E, Tonelli R, Fantini R, Mussini C, Meschiari M, Guaraldi G, Cossarizza A, Alfano G, Girardis M. Effects of cytokine blocking agents on hospital mortality in patients admitted to ICU with acute respiratory distress syndrome by SARS-CoV-2 infection: retrospective cohort study. *Multidiscip Respir Med.* 2021 May 17;16(1):737. doi: 10.4081/mrm.2021.737. PMID: 34040779; PMCID: PMC8139121.
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- females with severe COVID-19 pneumonia: possible role of inflammation as potential mediator. *Clin Microbiol Infect.* 2020 Dec 21:S1198-743X(20)30765-5. doi: 10.1016/j.cmi.2020.12.010. Epub ahead of print. PMID: 33359539.
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  45. Alfano G, Ferrari A, Fontana F, Perrone R, Mori G, Ascione E, Magistrone R, Venturi G, Pederzoli S, Margiotto G, Romeo M, Piccinini F, Franceschi G, Volpi S, Faltoni M, Ciusa G, Bacca E, Tutone M, Raimondi A, Menozzi M, Franceschini E, Cuomo G, Orlando G, Santoro A, Di Gaetano M, Puzzolante C, Carli F, Bedini A, Milic J, Meschiari M, Mussini C, Cappelli G, Guaraldi G; Modena Covid-19 Working Group (MoCo19). Hypokalemia in Patients with COVID-19. *Clin Exp Nephrol.* 2021 Jan 4:1–9. doi: 10.1007/s10157-020-01996-4. Epub ahead of print. PMID: 33398605; PMCID: PMC7781399.
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#### **SELEZIONE DI ABSTRACTS SCIENTIFICI PUBBLICATI**

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#### **PARTECIPAZIONE A CONFERENZE E CONGRESSI COME RELATORE**

1. Outbreaks in Pulmonology, III Edizione, Virtual, November 25<sup>th</sup> – 26<sup>th</sup>, 2022, **Oral presentation** “Tools to monitor the respiratory effort”.

2. American Thoracic Society International Conference May 13 – 18, 2022. **Poster presentation:** “Nasal Pressure Swings As The Measure Of Inspiratory Effort In Spontaneously Breathing Patients With De Novo Acute Respiratory Failure”, San Francisco (CA, USA),.
3. SMART Milan 5-7 May 2022, Oral Presentation in the session DEBATE - MECHANICAL VENTILATION MECHANICAL VENTILATION AND BEYOND with title “How do I monitor ARF patient with NIV?”
4. XXII Congresso Nazionale della Pneumologia Italiana, Milano, 6 – 8 Novembre 2021, Corso Pratico “Monitoraggio fisiopatologico e clinico dei pazienti con polmonite grave da COVID-19 (ARDS)”, **Oral presentation** “Il monitoraggio invasivo del paziente critico”.
5. Outbreaks in Pulmonology, III Edizione, Virtual, 11 – 12 Giugno 2021, **Oral presentation** “Management of acute asthma attack: from Emergency Room to Intensive Care Setting”.
6. European Respiratory Society International Congress 2021. **Poster presentation.** “Awake prone position in critical and severe COVID-19 patients undergoing noninvasive respiratory support: a retrospective multicenter cohort study”.
7. European Respiratory Society International Congress 2021. **Oral presentation.** “Inspiratory Effort And Respiratory Mechanics In Spontaneously Breathing Covid-19 Patients On Hospital Admission”.
8. Area Critica Bologna December 2019. **Oral presentation** “Ventilazione meccanica in corso di riacutizzazione di patologie interstiziali polmonari: uno studio preliminare”.
9. Outbreaks in Pulmonology, II Edizione, Modena, 28 - 30 Novembre 2019, **Oral presentation** “Invasive mechanical ventilation during acute exacerbation of ILD”.
10. European Respiratory Society International Congress. **Oral presentation** “Trans-esophageal and dynamic transpulmonary pressure in patients with de novo respiratory failure undergoing NIV”, Madrid (Spain), September-October 2019.
11. European Respiratory Society International Congress. **Oral presentation** “Role of lung elastance on diaphragmatic dysfunction in exacerbated COPD patients who failed NIV”, Madrid (Spain), September-October 2019.
12. VIII Convegno Regionale Emilia Romagna Pneumogiovani, Parma 7 giugno 2019, **Oral presentation** “Esperienze formative nei centri di eccellenza”.
13. Chest Young 2019, Paestum 24 – 25 Maggio 2019, **Oral presentation** “Ventilazione meccanica in corso di riacutizzazione di Malattie Polmonari Interstiziali”.
14. Outbreaks in Pulmonology, I Edizione, Modena, 8 – 9 Giugno 2018, **Oral presentation** “Endobronchial valve for bronchopleural fistula”.
15. XIX Congresso Nazionale della Pneumologia, Società Italiana di Pneumologia, Federazione Italiana della Pneumologia. **Oral presentation:** “La valutazione ecografica della funzionalità diaframmatica predice gli outcome clinici nei pazienti con sclerosi laterale amiotrofica (SLA)”, Venice (Italy), October 2018.
16. American Thoracic Society International Conference. **Oral presentation:** “Diaphragm Impairment and failure of Non Invasive Ventilation in Patients With Acute Exacerbation of Chronic Obstructive Pulmonary Disease– DIPANIV study”, San Diego (CA, USA), May 2018.
17. American Thoracic Society International Conference. **Poster presentation:** “Effectiveness of chest US in the diagnosis of ILD in an unselected population: a prospective study”, San Diego (CA, USA), May 2018.

18. European Respiratory Society Congress. **Poster presentation:** “Time course of diaphragmatic ultrasonography and prognosis in patients with ALS”, Milan (Italy), September 2017.
19. American Thoracic Society International Conference. **Poster presentation:** “Etiology And Level Of Lung Derangement Do Not Affect The Beneficial Effect Of Pulmonary Rehabilitation In Patients With Interstitial Lung Diseases”, San Francisco (CA, USA), May 2016.
20. Chest Annual Meeting. **Oral presentation:** “Regenerative medicine in chronic lung diseases: is there space for hope?”, Montreal (Canada), October 2015.
21. Aeolians Chest Workshop. **Oral presentation:** “Fibrosi Polmonare Idiopatica: Telemonitoraggio”, Lipari (Italy), May 2015.
22. European Respiratory Society Congress. **Poster presentation** “Effects of limb training in symptomatic patients with interstitial lung disease of different severity and etiology: A pilot study”, Munich (Germany), September 2014.
23. American Thoracic Society International Conference. **Poster discussion:** “HRCT Patterns Of Usual Interstitial Pneumonia In Rheumatoid Lung”, San Diego (CA USA), 16-21 May 2014.

#### **LIBRI**

1. Tonelli R, Crisafulli E, Costi S, Clini E (2020). The multi-morbidity patient. In Pulmonary Rehabilitation II Edition (pp. 349-357). CRC Press. <https://doi.org/10.1201/9781351015592>
2. Vitacca M, Marchioni A, Tonelli R, Clini E . Calderini (2020). Ventilazione meccanica domiciliare.
3. Bonsignore M, Clini E, Confalonieri M, Costi S, Crimi C, Crisafulli E, Longhini F, Marchioni A, Nava S, Navalesi, P, Pisani L, Spanevello, A, Tonelli R (2021), pp. 519-552. Insufficienza respiratoria acuta e cronica (cap.21) / Rugarli, Medicina Interna Sistematica VIII Edizione.

#### **BREVETTI**

Brevetto n. 102021000007478 “APPARATO PER IL RILEVAMENTO ED IL MONITORAGGIO DELLA PRESSIONE NASALE” rilasciato dal Ministero dello Sviluppo Economico, 2021.

#### **ATTIVITÀ DI DOCENZA**

Ottobre 2020 – presente	<b>Tutor of Clinical Methodology Medical Degree Course University of Modena and Reggio Emilia</b> Modena (Italia)
4 Dicembre 2021	<b>Progetto spiro news. BPCO: nuovi obiettivi, nuove terapie, nuove strategie</b> Modena (Italy)
22 – 23 Novembre 2018	<b>Gestione del paziente respiratorio critico in UTIR</b> Modena
28 – 29 Giugno 2018	<b>Ecografia del torace nell'insufficienza respiratoria acuta corso teorico pratico</b>



	Modena
21 – 22 Giugno 2018	<b>Gestione del paziente respiratorio critico in UTIR</b>
	Modena
23 – 24 Novembre 2017	<b>Ecografia del torace nell'insufficienza respiratoria acuta corso teorico pratico</b>
	Modena
8 – 9 Giugno 2017	<b>Ecografia del torace nell'insufficienza respiratoria acuta corso teorico pratico</b>
	Modena
7 – 8 Ottobre 2016	<b>Ecografia del torace nell'insufficienza respiratoria acuta corso teorico pratico</b>
	Modena

#### **SUPERVISIONE E RUOLO DI CORRELATORE IN TESI DI LAUREA**

1. Novembre 2022, Anno Accademico 2020-2021 – Inspiratory effort and respiratory mechanics in patients with acute exacerbation of idiopathic pulmonary fibrosis: a preliminary matched cohort study – Ruolo: Correlatore. Candidato: Dott. Chiara Nani, Scuola di Specializzazione in Malattie dell'Apparato Respiratorio, Università di Modena e Reggio Emilia
2. Novembre 2022, Anno Accademico 2020-2021 – Risk factor for pulmonary air leaks and clinical prognosis in patient with COVID-19 related acute respiratory failure: a retrospective matched control study – Ruolo: Correlatore. Candidato: Dott. Fabiana Trentacosti, Scuola di Specializzazione in Malattie dell'Apparato Respiratorio, Università di Modena e Reggio Emilia
3. Novembre 2022, Anno Accademico 2020-2021 – Accuracy of nasal pressure swing to predict failure of high flow nasal oxygen in patients with acute hypoxemic respiratory failure – Ruolo: Correlatore. Candidato: Dott. Giulia Bruzzi, Scuola di Specializzazione in Malattie dell'Apparato Respiratorio, Università di Modena e Reggio Emilia
4. Luglio 2022, Anno Accademico 2020-2021 – Anti-IL-5 treatments in patients with severe eosinophilic asthma: efficacy comparison between Benralizumab and mepolizumab in real life – Ruolo: Correlatore. Candidato: Luca Borsari, Corso di Laurea in Medicina e Chirurgia, Università di Modena e Reggio Emilia
5. Luglio 2022, Anno Accademico 2020-2021 – Quantification of inspiratory effort through nasal pressure variation in patients with acute respiratory failure candidate to non-invasive respiratory support – Ruolo: Correlatore. Candidato: Matteo Delle Vergini, Corso di Laurea in Medicina e Chirurgia, Università di Modena e Reggio Emilia
6. Dicembre 2021, Anno Accademico 2019-2020 – Nasal pressure swings as the measure of inspiratory effort in spontaneously breathing patients with de novo respiratory failure. Ruolo: Correlatore. Candidato: Dott. Maria Rosaria Pellegrino, Scuola di Specializzazione in Malattie dell'Apparato Respiratorio, Università di Modena e Reggio Emilia
7. Dicembre 2021, Anno Accademico 2019-2020 – Espressione e ruolo di HOXB7 nel polmone di pazienti affetti da fibrosi polmonare idiopatica. Candidate: Francesco Grottoli, Corso di Laurea

in Medicina e Chirurgia, Università di Modena e Reggio Emilia

8. November 2020, Academic Year 2018-2019 – Clinical impact of out-of-ICU non-invasive respiratory support in patients with COVID-19 pneumonia: a multicenter retrospective trial. Ruolo: Correlatore. Candidato: Dott. Filippo Gozzi, Scuola di Specializzazione in Malattie dell'Apparato Respiratorio, Università di Modena e Reggio Emilia
9. Dicembre 2020, Anno Accademico 2018-2019 – Incidenza e impatto clinico del delirium in pazienti con insufficienza respiratoria sottoposta a ventilazione non-invasiva. Ruolo: Correlatore. Candidato: Luca Caffari, Corso di Laurea in Medicina e Chirurgia, Università di Modena e Reggio Emilia

#### **APPARTENENZA A SOCIETA' SCIENTIFICHE**

- |             |  |
|-------------|--|
| 2018 – Oggi | <b>European Respiratory Society</b>    |
| 2018 – Oggi | <b>Società Italiana di Pneumologia</b> |

#### **RUOLI DI LEADERSHIP RICOPERTI**

- |             |  |
|-------------|--|
| 2016 – 2017 | <b>Rappresentante dei Medici in Formazione Specialistica</b><br>Scuola di Specializzazione in Malattie dell'Apparato Respiratorio,<br>Università di Modena e Reggio Emilia |
|-------------|--|

#### **LINGUE PARLATE**

- Italiano – madrelingua
- Inglese – livello ottimo
- Francese – livello elementare

ROBERTO TONELLI, MD

È conforme al vero.

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