

Curriculum Vitae

INFORMAZIONI PERSONALI

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FORMAZIONE TITOLI

Associate Professor of Anesthesiology and Critical care. Department of Surgical Oncological and Oral Science (Di.Chir.On.S), University of Palermo, Italy
Medical Doctor.

Consultant in Anesthesiology and Intensive Care Medicine at the Department of Anesthesiology, Intensive Care and Emergency. University Hospital Policlinico Paolo Giaccone. University of Palermo. Palermo, Italy – (01/02/2016 to date).

ATTIVITA' DIDATTICA

Didactic activity

- Associate Professor at the Department Surgical Oncological and Oral Science

(Di.Chir.On.S), Universit. degli Studi di Palermo, Italy

- Assistant Professor at the Department Surgical Oncological and Oral Science

(Di.Chir.On.S), Universit. degli Studi di Palermo, Italy (01/02/2018 to 21/09/2021)

- Professor of Anaesthesiology and Intensive Care Medicine at the School of Medicine and Surgery of the University of Palermo, Italy

- Director of the post-graduate course in Pain Medicine (2018 to date), University of Palermo Italy

INCARICHI / CONSULENZE

Associate Editor - JAACC

Associate Editorial Board member - BJA

Associate Editor - Helyion

Advisory Board member - Critical Care

Academic Editor – PLOS ONE

Associate Editor – BMC Anesthesiology

Associate Editor – Health Science Reports

ASSOCIAZIONI SCIENTIFICHE

- Chair of the scientific Committee of the Italian Society of Anesthesia Analgesia Intensive Care and Emergency (SIAART) from 2022 to date
- Member of the LUNG sub-forum of the European Society of Anaesthesiology and Intensive Care (ESAIC) from 2021 to date

• Member of the Intensive Care Subcommittee of the European Society of Anaesthesiology and Intensive Care (ESAIC) from 2019 to date

• Member of the Intensive Care Subcommittee of the European Society of Anaesthesiology and Intensive Care (ESAIC) e-Learning committee from 2018 to

date

• Member of the ESICM (European Society of Intensive Care Medicine) Systematic Review Group (SRG) from 2019 to date

• Research Methodology training program coordinator for the Italian Society of Anaesthesia and Intensive Care (SIAARTI) 2019 to date

• Infection and Sepsis working group board member - Italian Society of Anaesthesia and Intensive Care (SIAARTI) 2018 to date

PUBBLICAZIONE

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Iglesias-Moles S, Nava S, Chiumello D, Bos LD, Artigas A, Froes F, Grimaldi D,

Taccone FS, Antonelli M, Torres A; European Network for ICU-Related Respiratory

Infections (ENIRRI) European Respiratory Society-Clinical Research

Collaboration Investigators. European Network for ICU-Related Respiratory

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2: Gonçalves BP, Jassat W, Baruch J, Hashmi M, Rojek A, Dasgupta A, Martin-Loeches I, Reyes LF, Piubelli C, Citarella BW, Kartsonaki C, Lefèvre B, López Revilla JW, Lunn M, Harrison EM, Kraemer MUG, Shrapnel S, Horby P, Bisoffi Z, Olliaro PL, Merson L; ISARIC Clinical Characterisation Group. A multi-country analysis of COVID-19 hospitalizations by vaccination status. *Med.* 2023 Sep 12;S2666-6340(23)00282-9. doi: 10.1016/j.medj.2023.08.005. Epub ahead of print. PMID: 37738979.

3: Galvano AN, Ippolito M, Noto A, Lakbar I, Einav S, Giarratano A, Cortegiani A. Nighttime working as perceived by Italian anesthesiologists: a secondary analysis of an international survey. *J Anesth Analg Crit Care.* 2023 Sep 11;3(1):32. doi: 10.1186/s44158-023-00119-1. PMID: 37697413; PMCID: PMC10494393.

4: Sardo S, Tripodi VF, Guerzoni F, Musu M, Cortegiani A, Finco G. Pulmonary Vasodilator and Inodilator Drugs in Cardiac Surgery: A Systematic Review With Bayesian Network Meta-Analysis. *J Cardiothorac Vasc Anesth.* 2023 Nov;37(11):2261-2271. doi: 10.1053/j.jvca.2023.07.041. Epub 2023 Aug 1. PMID: 37652847.

5: Monti G, Konkayev A, Carta S, Bradic N, Bruni A, Kotani Y, Guarracino F, Redkin I, Biondi-Zoccai G, Benedetto U, D'Ascenzo F, Garofalo E, Baiardo

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6: de Courson H, Massart N, Asehnoune K, Cinotti R; ENIO Study group. Risk factors of extubation failure in neurocritical patients with the most impaired consciousness. *Intensive Care Med*. 2023 Oct;49(10):1251-1253. doi: 10.1007/s00134-023-07189-3. Epub 2023 Aug 23. PMID: 37610483.

7: Giacobbe DR, Marelli C, Cattardico G, Fanelli C, Signori A, Di Meco G, Di Pilato V, Mikulska M, Mazzitelli M, Cattelan AM, Pallotto C, Francisci D, Calabresi A, Lombardi A, Gori A, Del Bono V, Aldieri C, Losito AR, Raffaelli F, Cortegiani A, Milazzo M, Del Puente F, Pontali E, De Rosa FG, Corcione S, Mularoni A, Russelli G, Giacomini M, Badalucco Ciotta F, Oltolini C, Serino FS, Momesso E, Spinicci M, Graziani L, Torti C, Treçarichi EM, Merli M, D'Amico F, Marchese A, Vena A, Bassetti M. Mortality in KPC-producing *Klebsiella pneumoniae*

bloodstream infections: a changing landscape. *J Antimicrob Chemother.* 2023 Oct 3;78(10):2505-2514. doi: 10.1093/jac/dkad262. PMID: 37606528.

8: Griffee MJ, Bozza PT, Reyes LF, Eddington DP, Rosenberger D, Merson L, Citarella BW, Fanning JP, Alexander PMA, Fraser J, Dalton H, Cho SM; ISARIC Clinical Characterisation Group. Thrombotic and hemorrhagic complications of COVID-19 in adults hospitalized in high-income countries compared with those in adults hospitalized in low- and middle-income countries in an international registry. *Res Pract Thromb Haemost.* 2023 Jul 1;7(5):102142. doi: 10.1016/j.rpth.2023.102142. PMID: 37601011; PMCID: PMC10439444.

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Life: Benefits, Hopes, and Goals of Care. *J Pain Symptom Manage*. 2023 Aug 14:S0885-3924(23)00634-6. doi: 10.1016/j.jpainsymman.2023.08.015. Epub ahead of print. PMID: 37586465.

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16: Cortegiani A, Ingoglia G, Ippolito M, Girardis M, Falcone M, Pea F, Pugliese

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18: Catalanotto FR, Ippolito M, Mirasola A, Catalisano G, Milazzo M, Giarratano A, Cortegiani A. Hyperoxia in critically ill patients with sepsis and septic shock: a systematic review. *J Anesth Analg Crit Care*. 2023 May 3;3(1):12. doi: 10.1186/s44158-023-00096-5. PMID: 37386595; PMCID: PMC10245526.

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22: Robba C, Battaglini D, Cinotti R, Asehnoune K, Stevens R, Taccone FS, Badenes R, Pelosi P; ENIO Collaborators. Individualized Thresholds of Hypoxemia and Hyperoxemia and their Effect on Outcome in Acute Brain Injured Patients: A Secondary Analysis of the ENIO Study. *Neurocrit Care.* 2023 Jun 15. doi: 10.1007/s12028-023-01761-x. Epub ahead of print. PMID: 37322325.

23: Noto A, Cortegiani A, Genoese G, Appendini L, Gregoretti C, Carlucci A, Crimi C. Performance of helmet CPAP using different configurations: Turbine-driven ventilators vs Venturi devices. *Pulmonology*. 2023 May 27:S2531-0437(23)00089-2. doi: 10.1016/j.pulmoe.2023.04.009. Epub ahead of print. PMID: 37248102.

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27: Crimi C, Cortegiani A. High-Flow Nasal Therapy in Acute and Chronic

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Care. Risk assessment for major adverse cardiovascular events after noncardiac

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cohort study. Br J Anaesth. 2023 Jun;130(6):655-665. doi:

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29: Sartelli M, Bartoli S, Borghi F, Busani S, Carsetti A, Catena F, Cillara N,

Coccolini F, Cortegiani A, Cortese F, Fabbri E, Foghetti D, Forfori F,

Giarratano A, Labricciosa FM, Marini P, Mastroianni C, Pan A, Pasero D, Scatizzi M, Viaggi B, Moro ML. Implementation Strategies for Preventing Healthcare-Associated Infections across the Surgical Pathway: An Italian Multisociety Document. *Antibiotics (Basel)*. 2023 Mar 6;12(3):521. doi: 10.3390/antibiotics12030521. PMID: 36978388; PMCID: PMC10044660.

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35: Deana C, Vetrugno L, Cortegiani A, Mongodi S, Salve G, Mangiagalli M,

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ESGCIP and the OUTCOMEREA Network. Epidemiology and outcomes of hospital-

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ATTIVITA' SCIENTIFICHE

Scientific activities

- Principal investigator of the trial 'High Flow Nasal Therapy Versus Noninvasive Ventilation in COPD Exacerbation: a multicentre noninferiority trial' (Clinicaltrial.gov NCT03370666)
- Principal investigator of the trial "High-Flow Nasal Therapy Versus Conventional Oxygen Therapy in Patients With COVID-19: A multicentre Randomized Controlled Trial (The COVID-HIGH Trial) (Clinicaltrial.gov NCT04655638)
- National coordinator for Italy for the the PneumoINSPIRE study (endorsed by ESICM – pneumonia working group) and DecubicUs study (endorsed by ESICM)
- National coordinator for Italy for the EPIS-AKI study (endorsed by ESAIC and ESICM)
- National coordinator for Italy for the PPE-SAFE international survey (endorsed by ESICM)

- Local principal investigator for several multicenter studies, including randomised trials (e.g. PROVHILO, ART, ALBIOS, ALBIOSS Balanced, ENIRRI, DIANA, LASVEGAS, LUNGSAFE, WEANSAFE, PRoVENT, PROTECTION, MET-REPAIR, h-ARF, VIP-1, MANI-CPR, EPIC-III, EucandICU, AbSes, PPE-SAFE, EUROBACT II, APRICOT, NECTARINE, ENIO, DALI, EPIS-AKI, ANDROMEDA-SHOCK2, REMAP-CAP)

- Member of the guideline panel for the 'Non-invasive ventilation support in the hypoxemic peri-operative/peri-procedural patient: a joint ESA/ESICM guideline'. Chair: prof. Marc Leone

- Patent holder for the invention "Noninvasive ventilation configuration allowing tidal volume monitoring". Registration number: 102019000020532, from 2019 to date

Scientific Background

- Italian National Scientific qualification to full professor (From 09 Jun 2020 to 2029)
- ICH Good Clinical Practice Certification certification (Global Health Training Center Certificate number 98903 – Vote 100%)
- Certification: 'Design and interpretation of clinical Trials'. John Hopkins University, May 2020, Ref n° KN2UP8Q3WF6K
- CERTaIN certification: Pragmatic Clinical Trials and Healthcare Delivery Evaluations. The University of Texas MD Anderson Cancer Center, Ref n° e0186febc5114ba8bf50cca7fa2945b8
- CERTaIN certification: Observational Studies and Registries. The University of Texas MD Anderson Cancer Center, Ref 7a40534596774f4e9b28eb4792504d41
- CERTaIN certification: Knowledge Synthesis: Systematic Reviews and Clinical Decision Making. The University of Texas MD Anderson Cancer Center, Ref n 8d297b8203784b5f83647efb3c41bb6f
- Coordinator of the International Training Center American Heart Association (AHA) – "Università degli Studi di Palermo"
- Basic Life Support, Advanced Cardiac Life Support Instructor – AHA
- Advanced Life Support - Italian Resuscitation Council (IRC)
- High-fidelity simulation crisis risk management instructor (Inpass certification)
- Selected attendee of the European Society of intensive Care Medicine (ESICM) NEXT Fellowship Program in "Infection Management in Intensive Care Medicine 2015. Hospital Universitari Vall d'Hebron, Barcelona, Spain, 2015
- Selected attendee at the European Society of Anesthesiology Masterclass in Statistics, Bruxelles, Belgium, 2014
- Selected attendee at the European society of Anesthesiology Masterclass in clinical epidemiology. Design and analysis of clinical studies, Utrecht, The Netherlands, 2013.
- Selected attendee at the European society of Anesthesiology Masterclass in scientific writing, Prague, Czech Republic, 2012
- Selected attendee at the European society of Anesthesiology Masterclass in clinical research: How to design a clinical trial, Bruxelles, Belgium, 2012.

Awards

- MEDICINA young Investigator award 2021
- Best paper award 2020, released by the Department of Surgical Oncological and Oral Science, University of Palermo
- BJA (British journal of Anaesthesia) Editorial Fellowship 2020

AMBITI DI RICERCA

Research Areas: Infection and Sepsis in the critically ill, Noninvasive respiratory support, cardiac arrest, nontechnical skills, ethics in publishing