

Curriculum Vitae

Prof. Andrea Cortegiani



Curriculum Vitae

Informazioni Personali

Name e Cognome **Andrea Cortegiani**

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Scopus Scopus Author ID: 56041745800

ResearcherID H-4902-2016

Publons: publons.com/a/1184215/

POSIZIONE ATTUALE

- **Professore seconda fascia MED-41 Anestesiologia presso** Dipartimento di Discipline Chirurgiche Oncologiche e Stomatologiche (Di.Chir.On.S.), Università degli Studi di Palermo (da 22/09/2021)
- **Equiparazione a Dirigente Medico U.O.C. Anestesia Rianimazione e Terapia Intensiva, Azienda Ospedaliera Universitaria Policlinico Paolo Giaccone**
- **Medico Chirurgo – Specialista in Anestesia Rianimazione e Terapia Intensiva**

PERCORSO DI STUDI

- **Laurea Magistrale in Medicina e Chirurgia, Votazione 110/110 *cum Laude*, Università degli Studi di Palermo (07/2009)**
- **Abilitazione professionale con votazione massima (10/02/2010). Università degli Studi di Palermo.**
- **Iscrizione all'Ordine dei Medici della Provincia di Palermo (03/03/2010 - N. 14280)**
- **Specializzazione in Anestesia Rianimazione e Terapia Intensiva presso la Scuola di Specializzazione in Anestesia Rianimazione e Terapia Intensiva dell'Università degli Studi di Palermo (06/2010 a 05/2015). Voto finale 50/50 e Lode**

INCARICHI, QUALIFICHE E RUOLI ACCADEMICI

- **Professore associato MED-41 Anestesiologia Dipartimento di Discipline Chirurgiche Oncologiche e Stomatologiche (Di.Chir.On.S.), Università degli Studi di Palermo (22/09/2021)**
- **Ricercatore tempo determinato tipologia B (RTDB) SSD MED/41 "Anestesiologia" presso Dipartimento di Discipline Chirurgiche Oncologiche e Stomatologiche (Di.Chir.On.S.), Università degli Studi di Palermo, dal 29/12/2019 a tutt'oggi**

- Ricercatore tempo determinato tipologia A (RTDA) SSD MED/41 “Anestesiologia” presso Dipartimento di Discipline Chirurgiche Oncologiche e Stomatologiche (Di.Chir.On.S.), Università degli Studi di Palermo dal 02/2018 a 12/2019
- Abilitazione scientifica nazionale a professore di seconda fascia articolo 16 della legge 240/2010, settore concorsuale 06-L1 Anestesiologia. ASN 2016-2018 Quarto Quadrimestre (valida dal 27/03/2018 a 27/03/2027),
- Abilitazione scientifica nazionale a professore di prima fascia articolo 16 della legge 240/2010, settore concorsuale 06-L1 Anestesiologia. ASN 2018-2020 Quarto Quadrimestre (valida dal 09/06/2020 a 09/06/2029)
- Coordinatore Master II livello in Terapia del Dolore dell’Università degli Studi di Palermo dall’aa 2018-2019, 2019-2020, 2020-2021
- Titolare di Borsa di studio post-Lauream per attività di ricerca dal titolo “Modelli di neuroleptoanalgesia in cavie da sottoporre a risonanza magnetica sperimentale da 7T anche in risposta a modulazione dell’attività recettoriale” – Progetto “Nuovi farmaci biotecnologici attivi attraverso la modulazione dell’attività recettoriale” – PON01_02464. Decreto n. 2319/2015 dal 01/10/2015 al 01/02/2016

ATTIVITA' ASSISTENZIALE

- Ricercatore tempo determinato tipologia B (**RTDB**) con **equiparazione** e funzioni di **Dirigente Medico** presso U.O.C. Anestesia Rianimazione e Terapia Intensiva Azienda Ospedaliera Universitaria Policlinico Paolo Giaccone, Università degli Studi di Palermo. Attività assistenziale svolta prevalentemente presso Terapia Intensiva Polivalente, Terapia Intensiva COVID, Chirurgia generale e d'Urgenza. (12/2019 a tutt'oggi)
- Ricercatore tempo determinato tipologia A (**RTDA**) con **equiparazione** e funzioni di **Dirigente Medico** presso U.O.C. Anestesia Rianimazione e Terapia Intensiva Azienda Ospedaliera Universitaria Policlinico Paolo Giaccone, Università degli Studi di Palermo. Attività assistenziale svolta prevalentemente presso Terapia Intensiva Polivalente, Chirurgia generale e d'Urgenza. (12/02/2018 a 12/2019)
- **Dirigente Medico I livello** Anestesista Rianimatore presso UOC Anestesia Rianimazione e Terapia Intensiva, Azienda Ospedaliera Universitaria Policlinico Paolo Giaccone. Attività assistenziale svolta presso Chirurgia Generale e d'Urgenza, Terapia Intensiva Polivalente, Terapia Intensiva COVID, Chirurgia Urologica, Neurochirurgia, Ortopedia, Oculistica, Servizio di Emergenza-Urgenza, Ginecologia e Ostetricia. 01/02/2016 a 11/02/2018
- **Dirigente Medico con incarico come Referente dipartimentale per l'area critica e Terapia Intensiva dei percorsi aziendali sulla sepsi**, Policlinico Paolo Giaccone, Università degli Studi di Palermo (15/04/2016 a tutt'oggi)
- **Membro del Comitato tecnico scientifico** de "PROGETTO SEP.SI. (SEpsi Sicilia): SEPSI nella RETE REGIONALE EMERGENZA e URGENZA Intesa Stato Regione del 14/4/2016". Progetto finanziato con D. dall'Assessorato della Salute della Regione Sicilia attraverso i fondi degli Obiettivi di Piano Sanitario (PSN2014-2016), finalizzato alla realizzazione di percorsi e protocolli diagnostico-terapeutici regionali. (14/04/2016 a tutt'oggi)
- Medico Anestesista Rianimatore presso Nuova Casa di Cure DEMMA S.R.L. convenzionata con il SSN. (08/06/2015 a 31/01/2016)
- Medico Anestesista Rianimatore del Centro di procreazione medicalmente assistita A.M.B.R.A., convenzionato con il SSN. (09/07/2015 a 31/01/2016)

RELATORE – FACULTY A CONGRESSI, CONVEGNI, CORSI

- Relatore al congresso ASAIC 2009 (Alexandria Anesthesia & Intensive Care Conference). Alessandria, Egitto, 2009
- Relatore al simposio “Sepsi: le nuove linee guida e la clinica”. Titolo della relazione: “Nuove metodiche di monitoraggio emodinamico nello shock settico” Palermo 2009
- Membro del comitato scientifico ed invited speaker al meeting “INSIDE: Incontri e seminari sulle infezioni in ICU dentro l’esperienza”, Palermo, 2010
- Vincitore del concorso di selezione “SMART DOMANI” e invited speaker al congresso SMART (Simposio Mostra Anestesia Rianimazione e Terapia Intensiva) 2013. Titolo della relazione: “Procalcitonin as a predictive marker for blood culture and polymerase chain reaction results in candidemia”, Milano, 2013
- Tutor al congresso MEDTASS 2015 (Mediterranean Transplantation and Anesthesiology and Simulation Symposium). Palermo, 2015
- Relatore al I congresso MARE (Meeting Mediterraneo Anestesiologia Rianimazione Emergenze). Palermo, 2015
- Relatore al corso NIV (Ventilazione noninvasiva) 2016, Palermo 2016
- Relatore al simposio “Trauma update. Supporto ventilatorio e ventilazione noninvasiva nel trauma toracico” Bologna, 2016
- Relatore al convegno “Monitoraggio e ventilazione nel trauma toracico: le conclusioni dopo la consensus di Bologna, Bologna 2016
- Chairman della sessione poster “Infection Sepsis & Pulmonary Embolism. European Respiratory Society Congress – ERS - 2016. Londra, 2016
- Relatore al II congresso MARE (Meeting Mediterraneo Anestesiologia Rianimazione Emergenze), Palermo, 2016
- Relatore al 70° congresso nazionale SIAARTI (Società Italiana Anestesia Analgesia Rianimazione Terapia Intensiva), Napoli, 2016
- Relatore al XV congresso nazionale Area Culturale Dolore (ACD) SIAARTI, Bologna 2016
- Relatore al congresso MedTASS – CARACT, Palermo, 2017
- Relatore al congresso Problematichè di Anestesia e Rianimazione nei Pazienti Infettivi, 2017 Napoli
- Relatore al XVI congresso nazionale Area Culturale Dolore (ACD) SIAARTI, Olbia, 2017
- Membro della Faculty e Relatore all’evento SIAARTI Academy, Lampedusa, 2017

- **Chairman delle session Poster “From respiratory muscles to acute respiratory failure” e “COPD and weaning”. European Respiratory Society Congress – ERS – 2017, Milano**
- Relatore alla tavola rotonda “Light Sedation in ICU”, Palermo, 2017
- Relatore all’evento formative “Emorragia Critica Peripartum”, Palermo, 2017
- **Relatore selezionato per la competizione “Young Lecturer Award 2017” al congresso Internazionale ESICM LIVES 2017 (European Society of Intensive Care Medicine), Vienna 2017**
- Relatore al congresso SIAARTI 2017 (Società Italiana di Anestesia Analgesia Rianimazione e Terapia Intensiva)
- Relatore ai corsi Sepsis Base SIAARTI 2017, 2018
- Relatore al corso Antimicrobial Stewardship SIAARTI 2018, Palermo
- Membro della Faculty e Relatore all’evento SIAARTI Academy, Lampedusa, 2018
- Relatore al corso HeCO update (gestione del paziente politraumatizzato) SIAARTI 2018, Palermo
- **Relatore al congresso Euroanaesthesia 2018, Copenhagen**
- **Relatore al congresso European Respiratory Society Congress 2018 – Parigi**
- Relatore al congresso SIAARTI 2018
- Relatore al congresso XXVI Simposio Meridionale di Anestesia e Rianimazione: UPDATE 2018, Catanzaro
- Membro della Faculty e Relatore all’evento SIAARTI Academy, Lampedusa, 2019
- Membro della Faculty all’evento SIMCUP 2019, Novara, 2019
- Relatore al corso Infezioni e shock settico, Milano, 2019
- Relatore al congresso SMART 2019, Milano
- **Relatore al congresso Euroanaesthesia 2019, Parigi**
- **Chairman delle session Poster “Sepsis” – Euroanaesthesia 2019, Parigi**
- Relatore al congresso La Terapia Intensiva nel XXI secolo: Focus sull’ospite, Istituto Nazionale dei Tumori Regina Elena - 2019, Roma
- **Relatore invitato alla joint Session ESA-ESICM al congresso ESICM Lives 2019 (European Society of Intensive Care Medicine Congress) 2019, Berlino**
- **Relatore all’11° International Meeting on Antimicrobial Chemotherapy in Clinical Practice (ACCP), Santa Margherita Ligure, 2019**
- **Relatore al webinar “Algorithmic Approach in Septic and Hemorrhagic Shock States”, European Society of Anaesthesiology (ESA), Bruxelles, 2019**

- Relatore al Masterclass Infezioni e Sepsis SIAARTI, Palermo, Roma, Milano, Bologna 2019
- Relatore al congresso Società Italiana di Malattie Infettive e tropicali 2019 (SIMIT), Palermo
- Coordinatore e Relatore del Corso SIAARTI “Statistica e Metodologia in Medicina”, 2020, 2021
- Relatore al congresso SMART 2020
- Relatore al webinar SIAARTI “ANTIBIOTICI NEL PAZIENTE COVID: QUANDO E COME”, 2020
- Relatore al webinar SICURA SIAARTI: Buone pratiche cliniche e ruolo anestesilogico, 2020
- Relatore invitato a **11° World Research Congress of the European Association for Palliative Care**, Palermo, 2020
- Relatore al congresso **Euroanaesthesia 2020**
- **Relatore al congresso a-SFAR** (Société Française d’Anesthésie et de Réanimation), 2020, Parigi
- Relatore al corso Infezione e Sepsis Livello 1, SIAARTI
- Relatore al congresso SMART 2021
- Relatore al Webinar “**Difficult airway**” **European Society of Anaesthesiology and Intensive Care (ESAIC)**, 2021
- **Relatore a Intensive Care Medicine Masterclass** “Diagnosis and Therapy of Hypoxemic Acute Respiratory Failure and Acute Respiratory Distress Syndrome”, **European Society of Anaesthesiology and Intensive Care (ESAIC)**, 2021
- Relatore a ISICEM virtual symposium 2021
- Relatore a **ACE SIAARTI 2021**
- Relatore a **iCARE 2021**

INCARICHI IN RIVISTE SCIENTIFICHE

- **Associate Editorial Board Member – *British Journal of Anaesthesia*** (da 2020 a tutt’oggi)
- **Academic Editor – *PLOS ONE*** (da 2018 a tutt’oggi)
- **Associate Editor - *Journal of Anesthesia, Analgesia and Critical Care (JAACC)*** (da 2021)
- **Advisory Board Member – *Critical Care*** (da Gennaio 2019 a tutt’oggi)
- **Associate Editor** per la Rivista *BMC Anesthesiology* (da 2017 a tutt’oggi)
- **Associate Editor** per la Rivista *BMC Infectious Diseases* (da 2018 a tutt’oggi)

- **Associate Editor** per la Rivista *Clinical Case Report* (da 2016 a tutt'oggi)
- Section Editor per la rivista *Health Science Reports* (da 2017 a tutt'oggi)
- Vincitore di concorso di selezione come **Editorial Fellow** – *British journal of Anesthesia (BJA)*, 2019-2020. Tutor: prof. Anthony R. Absalom
- *Revisore per numerose riviste (vedasi profilo Publons publons.com/a/1184215/) tra cui The Lancet, The Lancet Infectious Diseases, Intensive Care Medicine, The BMJ, BJA, Critical Care, Journal of Critical Care, Respiratory Care, Journal of Intensive Care Medicine)*

FORMAZIONE SCIENTIFICA RILEVANTE

- Vincitore del concorso di selezione e partecipante al **Masterclass in Scientific Writing per l'European Society of Anesthesiology**, Praga - Repubblica Ceca, 2012
- Vincitore del concorso di selezione e partecipante al **Masterclass in Clinical Research How to design a clinical trial per l'European Society of Anesthesiology**, Bruxelles - Belgio, 2012
- Vincitore del concorso di selezione e partecipante al **Masterclass in Clinical Epidemiology. Design and Analysis of Clinical Studies per l'European Society of Anesthesiology**, Utrecht - Olanda, 2013.
- Vincitore del concorso di selezione e partecipante **Masterclass in Statistics per l'European Society of Anesthesiology**, Bruxelles - Belgio 2014
- Vincitore del concorso di selezione e partecipazione a **ESICM (European Society of Intensive Care Medicine) NEXT Infectious Disease Management Fellowship 2015** – Barcellona - Spagna
- **ICH Good Clinical Practice certification** (Global Health Training center certificate number 98903 – vote 100%)
- **Design and Interpretation of Clinical Trials**, John Hopkins University SAIS Online, 2020, Credential ID KN2UP8Q3WF6K
- **CERTaIN.5x: CERTaIN: Observational Studies and Registries**, The University of Texas MD Anderson Cancer Center, 2020, Credential ID 7a40534596774f4e9b28eb4792504d41
- **CERTaIN: Knowledge Synthesis: Systematic Reviews and Clinical Decision Making**, The University of Texas MD Anderson Cancer Center, 2020, Credential ID, 8d297b8203784b5f83647efb3c41bb6f

- CERTaIN: **Pragmatic Clinical Trials and Healthcare Delivery Evaluations**, 2019, The University of Texas MD Anderson Cancer Center, Credential ID e0186febc5114ba8bf50cca7fa2945b8

INCARICHI IN SOCIETA' SCIENTIFICHE INTERNAZIONALI, NAZIONALI O ISTITUZIONI

- **Membro de Intensive Care Subcommittee** European Society of Anaesthesiology and Intensive Care (**ESAIC**) dal 2020 a tutt'oggi
- **Membro de eLearning Committee** de European Society of Anaesthesiology and Intensive Care (**ESAIC**) dal 01/01/2018 a tutt'oggi
- **Membro de Systematic Review Group** dell'European Society of Intensive Care Medicine (**ESICM**) (da 2018 a tutt'oggi)
- Associazione con **incarico di collaborazione scientifica** con l'Istituto di Biomedicina e di Immunologia Molecolare "Alberto Monroy" (**IBIM**) – **Consiglio Nazionale delle Ricerche** (CNR) dal 07/01/2019 a 2020
- **Membro del Board** di coordinamento del **Gruppo di Studio Infezioni e Sepsis SIAARTI** dal 18/04/2019 a tutt'oggi
- Incarico come **Responsabile** del **Percorso di Formazione SIAARTI "Ricerca Scientifica e analisi delle Evidenze"** da 08/04/2019 a tutt'oggi
- **Membro del Comitato di Comunicazione SIAARTI** dal 2018 a tutt'oggi
- **Membro del Comitato di Ricerca Scientifica SIAARTI** dal 2019 a tutt'oggi

RESPONSABILITA' IN PROGETTI DI RICERCA

- **Investigatore principale del trial clinico randomizzato multicentrico internazionale High-Flow Nasal Therapy Versus Conventional Oxygen Therapy in Patients With COVID-19: A Randomized Controlled Trial (The COVID-HIGH Trial)** - ClinicalTrial.gov NCT04655638
- **Investigatore principale del trial clinico randomizzato multicentrico High Flow Nasal Therapy Versus Noninvasive Ventilation in COPD Exacerbation** – ClinicalTrial.gov NCT03370666
- **Investigatore principale del trial randomizzato Comparison between QCPR software and instructor-based learning for technical skill basic life support acquisition in secondary school students. A randomized study.** - ACTRN12616000383460

- **Coordinatore Nazionale** per lo Studio multicentrico Internazionale **EPIS-AKI** (Observational Study to Evaluate the Epidemiology of Surgical-induced Acute Kidney Injury), supportato da European Society of Anesthesiology and Intensive Care (ESAIC)
- **Coordinatore Nazionale** per lo Studio multicentrico Internazionale **DecubiCUs** (A Multicentre International One-Day Prevalence Study on Pressure Injuries in Intensive Care Units) supportato da European Society of Intensive Care Medicine – ESICM
- **Coordinatore Nazionale** per lo studio multicentrico internazionale **PneumoInspire** (International Study on Nosocomial Pneumonia in Intensive CaRE) supportato da European Society of Intensive Care Medicine – ESICM
- **Coordinatore nazionale** per la survey internazionale **“COVISIT: ICU Visiting for Families of ICU Patients during the COVID-19 pandemic”** promossa da European Society of Intensive Care Medicine – ESICM
- **Coordinatore nazionale** per la survey internazionale **2021 International survey on Antibiotic dosing and monitoring in ICU**
- **Co-chair delle Linee guida “Minimal standards for night-time anesthesia in Europe”**, European Society of Anaesthesiology and Intensive Care (**ESAIC**) (2020 a tutt’oggi)
- **Membro del panel de ECMM/ISHAM One World One Guideline on Candida infections** (European Confederation of Medical Mycology; International Society for Human and Medical Mycology), 2020 a tutt’oggi
- **Membro dello Steering Committe delle Lineeguida ESA-ESICM Non-invasive ventilation support in the hypoxemic peri-operative/peri-procedural patient: a joint ESA/ESICM guideline**
- **Metodologo per ITALIAN Lung ultrasound Expert Consensus for COVID 19 in ICU (ITACO)**, promossa da **SIAARTI**, 2020 a tutt’oggi
- **Membro del Panel Scientifico per il progetto SIAARTI: “Good clinical practice for the use of vasopressors drugs in critical patients: state-of-the science and consensus recommendation”**, 2019
- **Literature search specialist** per il documento **SIAARTI di Buone Pratiche Cliniche di Normotermia Perioperatoria**, promosso da **SIAARTI**, 2021
- **Membro del panel ed autore del documento di Buone Pratiche Cliniche SIAARTI “Percorso Diagnostico Terapeutico Assistenziale per il paziente con Sepsis e Shock Settico”**, 2019

- **Membro del panel** per la stesura de “**Linee guida per il management della sepsi e dello shock settico**” SIAARTI, 2021
- **Metodologo del progetto BPC SIAARTI SARNEPI ANIAARTI: Raccomandazioni per l’analgosedazione del bambino critico ricoverato in Terapia Intensiva 2021**
- **Membro dello Steering Committee** e **Investigatore principale** per il centro Policlinico Paolo Giaccone, Università degli Studi di Palermo per lo studio multicentrico internazionale MANI-CPR: **Multicenter International Randomized Controlled Manikin Study on Different Protocols of Cardiopulmonary Resuscitation for laypeople**
- **Coordinatore** del progetto di ricerca intentazionale **GhoS(t)copus (doi: 10.12688/f1000research.23847.2)**
- **Membro dello Steering Committee** dello studio clinico nazionale promosso da SIAARTI “**Valutazione dello stato d'ansia nei pazienti chirurgici in corso di pandemia da SARS-COV-2**”
- **Membro del gruppo di ricerca internazionale FUNDICU** “Fungal infections definitions in ICU patients”
- **Investigatore principale per il centro Policlinico Paolo Giaccone**, Università degli Studi di Palermo per il trial **ALBIOSS-BALANCED**, da 2018 a tutt’oggi
- **Investigatore** per il centro Policlinico P. Giaccone, Università degli Studi di Palermo, per il trial **ALBIOS – Albumin Replacement in patients with severe sepsis and septic shock**.
- **Investigatore principale per il centro Policlinico P. Giaccone**, Università degli Studi di Palermo per il trial randomizzato multicentrico internazionale **REMAP-CAP: “Randomized, Embedded, Multifactorial, Adaptive Platform trial for Community-Acquired Pneumonia”**
- **Investigatore principale per il centro Policlinico P. Giaccone**, Università degli Studi di Palermo, per il trial randomizzato multicentrico internazionale “**Sigh in Patients With Acute Hypoxemic Respiratory Failure and ARDS: The PROTECTION Pilot Randomized Clinical Trial**”
- **Investigatore** per il centro Policlinico P. Giaccone, Università degli Studi di Palermo, per il trial randomizzato multicentrico internazionale **PROVHILO – Higher versus lower positive end-expiratory pressure during general anesthesia for open abdominal surgery: a multicentre randomised controlled trial**. Supportato da European Society of Anesthesiology – ESA

- **Investigatore principale per il centro Policlinico P. Giaccone**, Università degli Studi di Palermo, per il trial randomizzato multicentrico internazionale **ART Alveolar Recruitment Strategy – Randomized clinical trial to assess the effect of maximum alveolare recruitment plus PEEP titration vs. standard strategy (ARDSnet) on the mortality of ARDS patients**. Centro coordinatore Research Institute Hospital de Coracao – HCOR (São Paulo – Brasile)
- **Investigatore** per il centro Policlinico P. Giaccone, Università degli Studi di Palermo, per lo studio **DALI**: defining antibiotic levels in intensive care unit patients: are current beta-lactam antibiotic doses sufficient for critically ill patients?
- **Investigatore principale per il centro Policlinico P. Giaccone**, Università degli Studi di Palermo, per lo studio internazionale multicentrico **LUNG-SAFE** – Large observational study to understand the global impact of severe acute respiratory failure. European Society of Intensive Care Medicine - ESICM
- **Investigatore principale per il centro Policlinico P. Giaccone**, Università degli Studi di Palermo per lo studio multicentrico internazionale **ABSES** (Abdominal Sepsis Study: Epidemiology of Etiology and Outcome) – ESICM Trials Group
- **Investigatore principale per il centro Policlinico P. Giaccone**, Università degli Studi di Palermo, per lo studio multicentrico internazionale **DIANA** (Determinants of antimicrobial use and de-escalation in critical care) – ESICM Trials Group
- **Investigatore principale per il centro Policlinico P. Giaccone**, Università degli Studi di Palermo, per lo studio **ETPOS**: A multicentral evaluation of standard transfusion care and clinical outcome for elective surgical patients, European Society of Anesthesiology.
- **Investigatore principale per il centro Policlinico P. Giaccone**, Università degli Studi di Palermo, per lo studio multicentrico internazionale **APRICOT**- an European prospective multicentre observational study: epidemiology of severe critical events in Paediatric Anaesthesia. European Society of Anesthesiology
- **Investigatore principale per il centro Policlinico P. Giaccone**, Università degli Studi di Palermo per lo studio internazionale multicentrico **PROVENT**: PRactice of VENTilation in critically ill patients without ARDS at onset of ventilation
- **Investigatore principale per il centro Policlinico P. Giaccone**, Università degli Studi di Palermo, per lo studio multicentrico Internazionale **POPULAR** (Postanesthesia pulmonary complications after use of muscle relaxants in Europe) – European Society of Anesthesiology

- **Investigatore e data manager** per lo studio multicentrico internazionale prospettico **“Meaningful clinical differences in symptoms in advanced cancer patients”**. P.I. Dr. Sebastiano Mercandante – Maddalena Cancer center, Palermo.
- **Investigatore principale per il centro Policlinico P. Giaccone**, Università degli Studi di Palermo, per lo studio **NECTARINE**: Neonate – Children sTudy of Anesthesia pRactice IN Europe – European Society of Anesthesiology
- **Investigatore principale e promotore** dell’indagine conoscitiva nazionale SIAARTI **“Survey Cure Palliative nelle Terapie Intensive Italiane”** in collaborazione con il gruppo di Studio Dolore oncologico e Cure Palliative SIAARTI
- **Investigatore principale per il centro Policlinico P. Giaccone**, Università degli Studi di Palermo, per il trial randomizzato multicentrico internazionale **“Non-invasive ventilation in weaning patients with hypoxemic acute respiratory failure (h-ARF): a multicentre randomized controlled study”**
- **Investigatore principale per il centro Policlinico P. Giaccone**, Università degli Studi di Palermo per lo studio multicentrico internazionale **Synapse-ICU**
- **Investigatore principale per il centro Policlinico P. Giaccone**, Università degli Studi di Palermo Progetto **Intensiva 2.0**.
- **Investigatore principale per il centro Policlinico P. Giaccone**, Università degli Studi di Palermo per lo studio **ENIO** - Extubation in Neuro-ICU patients and Outcome. The ENIO Project. A Multicentre International Observational Study
- **Investigatore principale per il centro Policlinico P. Giaccone**, Università degli Studi di Palermo, per lo studio internazionale multicentrico **Wean Safe** - WorldwidE AssessmeNt of Separation of pAtients From ventilatory assistancE
- **Investigatore principale per il centro Policlinico P. Giaccone**, Università degli Studi di Palermo per il Progetto multicentrico nazionale **SORRISO** Studio Osservazionale Registro Rianimazioni Italiane Sepsi Ospedaliere] valutazione dell’efficacia delle soluzioni di immunoglobuline arricchite in IgM (IgGAM).
- **Investigatore principale per il centro Policlinico Paolo Giaccone**, Università degli Studi di Palermo per lo studio **INTUBE**: International observational Study on airway management in critically ill patients
- **Investigatore** per il centro Policlinico P. Giaccone, Università degli Studi di Palermo per lo studio multicentrico internazionale **EUCANDICUs: Incidence and outcome of invasive candidiasis in intensive care units (ICUs) in Europe**
- **Investigatore principale per il centro Policlinico P. Giaccone**, Università degli Studi di Palermo per lo studio internazionale multicentrico **MET-REPAIR REevaluation**

for **Perioperative cArdiac Risk (MET-REPAIR)** a European, Prospective, observational, multi-centre cohort study".

- **Investigatore principale per il centro Policlinico P. Giaccone**, Università degli Studi di Palermo per lo studio **ENIRRI**s: Intensive care unit patients with lower respiratory tract nosocomial infections
- **Investigatore principale per il centro Policlinico P. Giaccone**, Università degli Studi di Palermo per lo studio multicentrico internazionale **SQUEEZE** "Postoperative vasopressor usage: a prospective international observational study"
- **Investigatore principale per il centro Policlinico P. Giaccone**, Università degli Studi di Palermo per lo studio clinico "Caratteristiche clinico-epidemiologiche dei pazienti critici con malattia COVID-19, studio multicentrico di coorte retrospettivo-prospettico" promosso da SIAARTI
- **Investigatore principale per il centro Policlinico P. Giaccone**, Università degli Studi di Palermo per lo studio multicentrico internazionale **ISARIC** (International Severe Acute Respiratory and emerging Infection Consortium) **COVID-19**
- **Investigatore principale per il centro Policlinico P. Giaccone**, Università degli Studi di Palermo per lo studio multicentrico internazionale **EUROBACT-II** "Epidemiology and determinants of outcomes of hospital acquired blood stream infections in the intensive care – a multinational cohort study"
- Responsabile della Registrazione del trial clinico randomizzato Effect of sequential use of noninvasive ventilation (NIV) and high flow nasal therapy (HFNT) after early extubation on re-intubation rate in chest trauma patients recovering from hypoxemic acute respiratory failure: a single-center feasibility study - ACTRN12616001727437
- Co-Responsabile della Registrazione della Revisione Sistemica Use of high flow nasal oxygen (HFNO) therapy for treatment of acute respiratory failure (ARF) in immunocompromised adult patients – PROSPERO CRD42018115984
- Responsabile della Registrazione della Revisione Sistemica Procalcitonin as a marker of invasive fungal infections: a systematic review and meta-analysis - PROSPERO CRD42017074569
- Responsabile della Registrazione della Revisione Sistemica Effect of nighttime surgery on mortality and adverse events: a systematic review and meta-analysis – PROSPERO CRD42019128534

PREMI PER ATTIVITA' SCIENTIFICA

- Vincitore del premio **MEDICINA 2021 Young Investigator award** (<https://www.mdpi.com/journal/medicina/awards>), conferito dalla Rivista MEDICINA mdpi
- Vincitore del Premio “**Best Paper Award 2020**”, promosso da Di.Chir.On.S, Università degli Studi di Palermo
- Vincitore del premio **iACADEMY AWARD 2013** nell’ambito dell’evento “iACADEMY – Infection – Interaction – Innovation. Candida versus Aspergillus: epidemiologia e percorso diagnostico terapeutico in ospedale”. Titolo della relazione: “Aspergillosi polmonare invasiva”. Palermo, 2013

BREVETTI

- Domanda di brevettazione, approvata dal CdA dell’Università degli Studi di Palermo, dell’invenzione dal titolo “Controllo dei Volumi correnti durante ventilazione noninvasiva tramite casco”. Co-inventore percentuale 45%. In attesa di patent pending (Domanda di brevetto depositata No. 102019000020532)

ALTRI INCARICHI, CERTIFICAZIONI, ESPERIENZE RILEVANTI

- **Collaborating expert** per lo sviluppo di “**ESICM Antimicrobial Stewardship Practical Guidance App**”, promosso da **European Society of Intensive Care Medicine – ESICM**, 2021
- **Revisore degli abstract** per il congresso **Euroanaesthesia 2019, 2021**
- **Revisore degli abstracts dell’European Respiratory Society International Congress** 2016, 2017, 2018, 2019, 2020
- Revisore per **ESICM Research award projects** 2017, 2018, 2019
- **Revisore per European Respiratory Society Task Force Projects Proposal**, 2016
- **Revisore per i progetti di ricerca per ESICM – Systematic Review Group 2019**
- Incarico come **revisore per King Abdullah International Medical Center (KAIMRC – Saudi Arabia) Research Proposal contest**, 2019
- **Membro dell’Advisory Board** “Management of IFI in non-haematological settings. Focus on isavuconazole” 2019, Roma

- **Coordinatore dell'International Training center 'Università degli Studi di Palermo'** dell'**American Heart Association** (codice ITC ZZ21347)
- Istruttore certificato InPASS simulation & Crisis Risk Management
- Istruttore ACLS per l'American Heart Association
- Istruttore BLS per American Heart Association
- Istruttore Full Advanced Life Support per Italian Resuscitation Council (IRC) ed European Resuscitation Council (ERC) – Certificazione di completamento in classe I del corso di formazione specifico (GIC Avanzato)

ATTIVITA' DIDATTICA

Corsi di Laurea e Scuole di Specializzazione, Post-Lauream

- **Insegnamento** nel corso integrato EMERGENZE MEDICO-CHIRURGICHE E ANESTESIOLOGIA (9 cfu) - Modulo di **ANESTESIOLOGIA E TERAPIA INTENSIVA - MEDICINA E CHIRURGIA** (LM-41) a.a. 2019-2020
- **Insegnamento** nel corso integrato FARMACOLOGIA, MEZZI DI CONTRASTO E ANESTESIOLOGIA C.I. - **Modulo di ANESTESIOLOGIA** – corso di Laurea Tecniche di Radiologia Medica per immagini e RadioterapiaT (L/SNT3) a.a. 2018-2019, 2019-2020, 2020-2021
- **Insegnamento** nel corso integrato CARDIO-PNEUMOLOGY AND RESUSCITATION C.I. – **Modulo di Anesthesiology** – corso di Laurea di Nursing (L/SNT1) a.a. 2020-2021
- Insegnamento e membro del Consiglio della Scuola di Specializzazione in **Anestesia Rianimazione Terapia Intensiva e del dolore** (da a.a. 2017-2018 a tutt'oggi)
- **Insegnamento** e membro del Consiglio della Scuola di Specializzazione in **Neurochirurgia**, Università degli Studi di Palermo (da a.a. 2018/2019 a tutt'oggi)
- **Insegnamento** e membro del Consiglio della Scuola di Specializzazione in **Urologia**, Università degli Studi di Palermo (da a.a. 2019/2020 a tutt'oggi)
- **Insegnamento** presso la Scuola di Specializzazione in **Medicina Fisica e Riabilitativa**, Università degli Studi di Palermo (da a.a. 2019-2020 a tutt'oggi)
- Membro del **Comitato Promotore** della Scuola di Specializzazione in **Medicina D'Urgenza**, Università degli Studi di Palermo

- **Coordinatore Master II livello in Terapia del Dolore dell'Università degli Studi di Palermo dall'aa 2018-19, 2019-2020, 2020-2021**
- Docente al Master Assistenza Infermieristica al paziente Critico, Università degli Studi di Palermo, aa 2017-2018 a tutt'oggi
- Docente al Master I livello in "Assistenza infermieristica al tavolo operatorio" aa 2017-18, 2019-2020
- Docente al Master di I livello in Cure Palliative, Università degli Studi di Palermo 2016/2017
- Docente al Master "L'infermiere e la Ricerca Scientifica" dell'Ordine Professionale Infermieri, Palermo 2018-2019, 2019/2020

PUBBLICAZIONI SCIENTIFICHE PEER REVIEW

PubMed: 211; Scopus: 203; H-index: 28 (Scopus); Citazioni: 4499 (Scopus)

Lista estratta da PubMed:

1: Ippolito M, **Cortegiani A**, Ferraro OE, Borrelli P, Contri E, Burkart R, Baldi E; MANI-CPR Investigators. Physical activity and quality of cardiopulmonary resuscitation: A secondary analysis of the MANI-CPR trial. *Am J Emerg Med.* 2021 Aug 19;50:330-334. doi: 10.1016/j.ajem.2021.08.039. Epub ahead of print. PMID: 34450396.

2: Baldi E, **Cortegiani A**. Out-of-hospital cardiac arrest during the COVID-19 era: The importance to fight against fear. *Am J Emerg Med.* 2021 Jun 4:S0735-6757(21)00458-7. doi: 10.1016/j.ajem.2021.05.074. Epub ahead of print. PMID: 34420857; PMCID: PMC8176882.

3: Zucchelli A, Manzoni F, Morandi A, Di Santo S, Rossi E, Valsecchi MG, Inzitari M, Cherubini A, Bo M, Mossello E, Marengoni A, Bellelli G; Italo-Hispanic Study Group of Delirium. The association between low skeletal muscle mass and delirium: results from the nationwide multi-centre Italian Delirium Day 2017. *Aging Clin Exp Res.* 2021 Aug 20. doi: 10.1007/s40520-021-01950-8. Epub ahead of print. PMID: 34417734.

4: Crimi C, **Cortegiani** A. High flow nasal therapy in Acute Exacerbation of COPD: Ready for the prime time? *Am J Emerg Med.* 2021 Aug 8:S0735-6757(21)00649-5. doi: 10.1016/j.ajem.2021.08.011. Epub ahead of print. PMID: 34391583.

5: Baldi E, **Cortegiani** A. Intentional interruptions during compression only CPR: A way to increase adherence to CPR and compressions' quality? *Resuscitation.* 2021 Aug 4;167:10-11. doi: 10.1016/j.resuscitation.2021.06.028. Epub ahead of print. PMID: 34358610.

6: Ippolito M, Catalisano G, Iozzo P, Raineri SM, Gregoretti C, Giarratano A, Einav S, **Cortegiani** A. Association between night-time extubation and clinical outcomes in adult patients: A systematic review and meta-analysis. *Eur J Anaesthesiol.* 2021 Aug 4. doi: 10.1097/EJA.0000000000001579. Epub ahead of print. PMID: 34352806.

7: Chiappero C, Misseri G, Mattei A, Ippolito M, Albera C, Pivetta E, **Cortegiani** A, Gregoretti C. Effectiveness and safety of a new helmet CPAP configuration allowing tidal volume monitoring in patients with COVID-19. *Pulmonology.* 2021 Jul 9:S2531-0437(21)00135-5. doi: 10.1016/j.pulmoe.2021.06.012. Epub ahead of print. PMID: 34326019; PMCID: PMC8266523.

8: Ippolito M, **Cortegiani** A. Length of remdesivir treatment in patients with severe COVID-19. *Breathe (Sheff).* 2021 Mar;17(1):200276. doi: 10.1183/20734735.0276-2020. PMID: 34295393; PMCID: PMC8291926.

9: Fronczek J, Polok K, de Lange DW, Jung C, Beil M, Rhodes A, Fjølner J, Górka J, Andersen FH, Artigas A, Cecconi M, Christensen S, Joannidis M, Leaver S, Marsh B, Morandi A, Moreno R, Oeyen S, Agvald-Öhman C, Bollen Pinto B, Schefold JC, Valentin A, Walther S, Watson X, Zafeiridis T, Sviridov S, van Heerden PV, Flaatten H, Guidet B, Szczeklik W; VIP1; VIP2 study group. Relationship between the Clinical Frailty Scale and short-term mortality in patients ≥ 80 years old acutely admitted to the ICU: a prospective cohort study. *Crit Care.* 2021 Jul 1;25(1):231. doi: 10.1186/s13054-021-03632-3. PMID: 34210358; PMCID: PMC8247215.

10: Proceedings of Reanimation 2021, the French Intensive Care Society International Congress. *Ann Intensive Care*. 2021 Jun 29;11(Suppl 1):97. doi: 10.1186/s13613-021-00862-0. PMID: 34185186; PMCID: PMC8239334.

11: Robba C, Graziano F, Rebori P, Elli F, Giussani C, Oddo M, Meyfroidt G, Helbok R, Taccone FS, Prisco L, Vincent JL, Suarez JI, Stocchetti N, Citerio G; SYNAPSE-ICU Investigators. Intracranial pressure monitoring in patients with acute brain injury in the intensive care unit (SYNAPSE-ICU): an international, prospective observational cohort study. *Lancet Neurol*. 2021 Jul;20(7):548-558. doi: 10.1016/S1474-4422(21)00138-1. PMID: 34146513.

12: Disma N, Virag K, Riva T, Kaufmann J, Engelhardt T, Habre W; NECTARINE Group of the European Society of Anaesthesiology Clinical Trial Network; AUSTRIA (Maria Vittinghoff); BELGIUM (Francis Veyckemans); CROATIA (Sandra Kralik); CZECH REPUBLIC (Jiří Žurek); DENMARK (Tom Hansen); ESTONIA (Reet Kikas); FINLAND (Tuula Manner); FRANCE (Christophe Dadure, Anne Lafargue); GERMANY (Karin Becke, Claudia Hoehne); GREECE (Anna Malisiova); HUNGARY (Andrea Székely); IRELAND (Brendan O'Hare); ITALY (Nicola Disma); LATVIA (Zane Straume); LITHUANIA (Laura Lukosiene); LUXEMBOURG (Bernd Schmitz); MALTA (Francis Borg); NETHERLANDS (Jurgen de Graaff); NORWAY (Wenche B Boerke); POLAND (Marzena Zielinska); PORTUGAL (Maria Domingas Patuleia); ROMANIA (Radu Tabacaru); SERBIA (Dusica Simic); SLOVAKIA (Miloslav Hanula); SLOVENIA (Jelena Berger); SPAIN (Ignacio Gálvez Escalera); SWEDEN (Albert Castellheim); SWITZERLAND (Walid Habre); TURKEY (Dilek Özcengiz - Zehra Hatipoğlu); UKRAINE (Dmytro Dmytriiev); UNITED KINGDOM (Thomas Engelhardt, Suellen Walker); Management Team. Corrigendum to 'Difficult tracheal intubation in neonates and infants. NEonate and Children audiT of Anaesthesia pRactice IN Europe (NECTARINE): a prospective European multicentre observational study' (*Br J Anaesth* 2021; 126: 1173-81). *Br J Anaesth*. 2021 Aug;127(2):326. doi: 10.1016/j.bja.2021.05.015. Epub 2021 Jun 10. Erratum for: *Br J Anaesth*. 2021 Jun;126(6):1173-1181. PMID: 34119312.

13: Vetrugno L, Boero E, Bignami E, **Cortegiani A**, Raineri SM, Spadaro S, Moro F, D'Inca S, D'Orlando L, Agrò FE, Bernardinetti M, Forfori F, Corradi F, Pregnolato S, Mosconi M, Bellini V, Franchi F, Mongelli P, Leonardi S, Giuffrida C, Tescione M, Bruni A, Garofalo E, Longhini F, Cammarota G, De Robertis E,

Giglio G, Urso F, Bove T; LUSHIP Study Investigators. Association between preoperative evaluation with lung ultrasound and outcome in frail elderly patients undergoing orthopedic surgery for hip fractures: study protocol for an Italian multicenter observational prospective study (LUSHIP). *Ultrasound J*. 2021 Jun 7;13(1):30. doi: 10.1186/s13089-021-00230-w. PMID: 34100124; PMCID: PMC8184059.

14: Einav S, Helviz Y, Ippolito M, **Cortegiani A**. Vasopressor and inotrope treatment for septic shock: An umbrella review of reviews. *J Crit Care*. 2021 May 31;65:65-71. doi: 10.1016/j.jcrc.2021.05.017. Epub ahead of print. PMID: 34090150.

15: Ippolito M, Misseri G, Catalisano G, Marino C, Ingoglia G, Alessi M, Consiglio E, Gregoretti C, Giarratano A, **Cortegiani A**. Ventilator-Associated Pneumonia in Patients with COVID-19: A Systematic Review and Meta-Analysis. *Antibiotics (Basel)*. 2021 May 7;10(5):545. doi: 10.3390/antibiotics10050545. PMID: 34067186; PMCID: PMC8150614.

16: Vogelaers D, Blot S, Van den Berge A, Montravers P; Abdominal Sepsis Study ('AbSeS') Group on behalf of the Trials Group of the European Society of Intensive Care Medicine. Antimicrobial Lessons From a Large Observational Cohort on Intra-abdominal Infections in Intensive Care Units. *Drugs*. 2021 Jun;81(9):1065-1078. doi: 10.1007/s40265-021-01534-w. Epub 2021 May 26. PMID: 34037963.

17: Bellini V, **Cortegiani A**, Vetrugno L, Potì F, Saturno F, Craca M, Bignami E. COVID-19 ... What are drugs and strategies now? *Acta Biomed*. 2021 May 12;92(2):e2021096. doi: 10.23750/abm.v92i2.11165. PMID: 33988142; PMCID: PMC8182577.

18: Ippolito M, Catalisano G, Marino C, Fucà R, Giarratano A, Baldi E, Einav S, **Cortegiani A**. Mortality after in-hospital cardiac arrest in patients with COVID-19: A systematic review and meta-analysis. *Resuscitation*. 2021 Jul;164:122-129. doi: 10.1016/j.resuscitation.2021.04.025. Epub 2021 May 5. PMID: 33964332; PMCID: PMC8098036.

19: Madotto F, McNicholas B, Rezoagli E, Pham T, Laffey JG, Bellani G; LUNG SAFE Investigators; ESICM Trials Group. Death in hospital following ICU discharge: insights from the LUNG SAFE study. *Crit Care*. 2021 Apr 13;25(1):144. doi: 10.1186/s13054-021-03465-0. PMID: 33849625; PMCID: PMC8043098.

20: Disma N, Veyckemans F, Virag K, Hansen TG, Becke K, Harlet P, Vutskits L, Walker SM, de Graaff JC, Zielinska M, Simic D, Engelhardt T, Habre W; NECTARINE Group of the European Society of Anaesthesiology Clinical Trial Network; Austria; Belgium; Croatia; Czech Republic; Denmark; Estonia; Finland; France; Germany; Greece; Hungary; Ireland; Italy; Latvia; Lithuania; Luxembourg; Malta; Netherlands; Norway; Poland; Portugal; Romania; Serbia; Slovakia; Slovenia; Spain; Switzerland; Turkey; Ukraine; United Kingdom. Morbidity and mortality after anaesthesia in early life: results of the European prospective multicentre observational study, neonate and children audit of anaesthesia practice in Europe (NECTARINE). *Br J Anaesth*. 2021 Jun;126(6):1157-1172. doi: 10.1016/j.bja.2021.02.016. Epub 2021 Apr 1. PMID: 33812668.

21: Disma N, Virag K, Riva T, Kaufmann J, Engelhardt T, Habre W; NECTARINE Group of the European Society of Anaesthesiology Clinical Trial Network; AUSTRIA (Maria Vittinghoff); BELGIUM (Francis Veyckemans); CROATIA (Sandra Kralik); CZECH REPUBLIC (Jiří Žurek); DENMARK (Tom Hansen); ESTONIA (Reet Kikas); FINLAND (Tuula Manner); FRANCE (Christophe Dadure, Anne Lafargue); GERMANY (Karin Becke, Claudia Hoehne); GREECE (Anna Malisiova); HUNGARY (Andrea Székely); IRELAND (Brendan O'Hare); ITALY (Nicola Disma); LATVIA (Zane Straume); LITHUANIA (Laura Lukosiene); LUXEMBOURG (Bernd Schmitz); MALTA (Francis Borg); NETHERLANDS (Jurgen de Graaff); NORWAY (Wenche B Boerke); POLAND (Marzena Zielinska); PORTUGAL (Maria Domingas Patuleia); ROMANIA (Radu Tabacaru); SERBIA (Dusica Simic); SLOVAKIA (Miloslav Hanula); SLOVENIA (Jelena Berger); SPAIN (Ignacio Gálvez Escalera); SWEDEN (Albert Castellheim); SWITZERLAND (Walid Habre); TURKEY (Dilek Özcengiz - Zehra Hatipoğlu); UKRAINE (Dmytro Dmytriiev); UNITED KINGDOM (Thomas Engelhardt, Suellen Walker); Management Team. Difficult tracheal intubation in neonates and infants. NEonate and ChildreN audiT of Anaesthesia pRactice IN Europe (NECTARINE): a prospective European multicentre observational study. *Br J Anaesth*. 2021 Jun;126(6):1173-1181. doi: 10.1016/j.bja.2021.02.021.

Epub 2021 Apr 1. Erratum in: Br J Anaesth. 2021 Aug;127(2):326. PMID: 33812665.

22: Russotto V, Myatra SN, Laffey JG, Tassistro E, Antolini L, Bauer P, Lascarrou JB, Szuldrzynski K, Camporota L, Pelosi P, Sorbello M, Higgs A, Greif R, Putensen C, Agvald-Öhman C, Chalkias A, Bokums K, Brewster D, Rossi E, Fumagalli R, Pesenti A, Foti G, Bellani G; INTUBE Study Investigators. Intubation Practices and Adverse Peri-intubation Events in Critically Ill Patients From 29 Countries. JAMA. 2021 Mar 23;325(12):1164-1172. doi: 10.1001/jama.2021.1727. Erratum in: JAMA. 2021 May 24;:null. PMID: 33755076; PMCID: PMC7988368.

23: Dumas G, Lemiale V, Rathi N, **Cortegiani A**, Pène F, Bonny V, Salluh J, Albaiceta GM, Soares M, Soubani AO, Canet E, Hanane T, Kouatchet A, Mokart D, Lebiedz P, Türkoğlu M, Coudroy R, Jeon K, Demoule A, Mehta S, Caruso P, Frat JP, Yang KY, Roca O, Laffey J, Timsit JF, Azoulay E, Darmon M. Survival in Immunocompromised Patients Ultimately Requiring Invasive Mechanical Ventilation: A Pooled Individual Patient Data Analysis. Am J Respir Crit Care Med. 2021 Jul 15;204(2):187-196. doi: 10.1164/rccm.202009-3575OC. PMID: 33751920.

24: Grasselli G, Cattaneo E, Florio G, Ippolito M, Zanella A, **Cortegiani A**, Huang J, Pesenti A, Einav S. Mechanical ventilation parameters in critically ill COVID-19 patients: a scoping review. Crit Care. 2021 Mar 20;25(1):115. doi: 10.1186/s13054-021-03536-2. PMID: 33743812; PMCID: PMC7980724.

25: Mazzinari G, Serpa Neto A, Hemmes SNT, Hedenstierna G, Jaber S, Hiesmayr M, Hollmann MW, Mills GH, Vidal Melo MF, Pearse RM, Putensen C, Schmid W, Severgnini P, Wrigge H, Cambronero OD, Ball L, de Abreu MG, Pelosi P, Schultz MJ; LAS VEGAS study–investigators; PROtective VEntilation NETwork; Clinical Trial Network of the European Society of Anaesthesiology. The Association of Intraoperative driving pressure with postoperative pulmonary complications in open versus closed abdominal surgery patients - a posthoc propensity score-weighted cohort analysis of the LAS VEGAS study. BMC Anesthesiol. 2021 Mar 19;21(1):84. doi: 10.1186/s12871-021-01268-y. PMID: 33740885; PMCID: PMC7977277.

26: Ippolito M, Ramanan M, Bellina D, Catalisano G, Iozzo P, Di Guardo A,

Moscarelli A, Grasselli G, Giarratano A, Bassetti M, Tabah A, **Cortegiani A**. Personal protective equipment use by healthcare workers in intensive care unit during the early phase of COVID-19 pandemic in Italy: a secondary analysis of the PPE-SAFE survey. *Ther Adv Infect Dis*. 2021 Feb 25;8:2049936121998562. doi: 10.1177/2049936121998562. PMID: 33717482; PMCID: PMC7922607.

27: Noto A, Crimi C, **Cortegiani A**, Giardina M, Benedetto F, Princi P, Carlucci A, Appendini L, Gregoretti C. Performance of EasyBreath Decathlon Snorkeling mask for delivering continuous positive airway pressure. *Sci Rep*. 2021 Mar 10;11(1):5559. doi: 10.1038/s41598-021-85093-w. PMID: 33692464; PMCID: PMC7946943.

28: Giacobbe DR, **Cortegiani A**, Karaikos I, Mercier T, Tejada S, Peghin M, Grecchi C, Rebuffi C, Asperges E, Zuccaro V, Scudeller L, Bassetti M; The Fundicu Investigators. Performance of Existing Definitions and Tests for the Diagnosis of Invasive Fungal Diseases other than Invasive Candidiasis and Invasive Aspergillosis in Critically Ill, Adult Patients: A Systematic Review with Qualitative Evidence Synthesis. *J Fungi (Basel)*. 2021 Feb 28;7(3):176. doi: 10.3390/jof7030176. PMID: 33670864; PMCID: PMC7997529.

29: **Cortegiani A**, Grasselli G, Meessen J, Moscarelli A, Ippolito M, Turvani F, Bonenti CM, Romagnoli S, Volta CA, Bellani G, Giarratano A, Latini R, Pesenti A, Caironi P. Albumin replacement therapy in immunocompromised patients with sepsis - Secondary analysis of the ALBIOS trial. *J Crit Care*. 2021 Jun;63:83-91. doi: 10.1016/j.jcrc.2021.01.016. Epub 2021 Feb 9. PMID: 33636427.

30: Labeau SO, Afonso E, Benbenishty J, Blackwood B, Boulanger C, Brett SJ, Calvino-Gunther S, Chaboyer W, Coyer F, Deschepper M, François G, Honore PM, Jankovic R, Khanna AK, Llaurodo-Serra M, Lin F, Rose L, Rubulotta F, Saager L, Williams G, Blot SI; DecubICUs Study Team; European Society of Intensive Care Medicine (ESICM) Trials Group Collaborators. Correction to: Prevalence, associated factors and outcomes of pressure injuries in adult intensive care unit patients: the DecubICUs study. *Intensive Care Med*. 2021 Apr;47(4):503-520. doi: 10.1007/s00134-020-06327-5. Erratum for: *Intensive Care Med*. 2021 Feb;47(2):160-169. PMID: 33635356; PMCID: PMC8035092.

31: Nijbroek SG, Hol L, Swart P, Hemmes SNT, Serpa Neto A, Binnekade JM, Hedenstierna G, Jaber S, Hiesmayr M, Hollmann MW, Mills GH, Vidal Melo MF, Putensen C, Schmid W, Severgnini P, Wrigge H, Gama de Abreu M, Pelosi P, Schultz MJ; LAS VEGAS study investigators, the PROVE Network and the Clinical Trial Network of the European Society of Anaesthesiology. Sex difference and intra-operative tidal volume: Insights from the LAS VEGAS study. *Eur J Anaesthesiol*. 2021 Feb 16. doi: 10.1097/EJA.0000000000001476. Epub ahead of print. PMID: 33606418.

32: Amirfarzan H, Cereda M, Gaulton TG, Leissner KB, **Cortegiani A**, Schumann R, Gregoretti C. Use of Helmet CPAP in COVID-19 - A practical review. *Pulmonology*. 2021 Sep-Oct;27(5):413-422. doi: 10.1016/j.pulmoe.2021.01.008. Epub 2021 Feb 1. PMID: 33583765; PMCID: PMC7849604.

33: **Cortegiani A**, Catalisano G, Ippolito M, Giarratano A, Absalom AR, Einav S. Retracted papers on SARS-CoV-2 and COVID-19. *Br J Anaesth*. 2021 Apr;126(4):e155-e156. doi: 10.1016/j.bja.2021.01.008. Epub 2021 Jan 19. PMID: 33581852; PMCID: PMC7817414.

34: Fiore M, Corrente A, Pace MC, Alfieri A, Simeon V, Ippolito M, Giarratano A, **Cortegiani A**. Ceftolozane-Tazobactam Combination Therapy Compared to Ceftolozane-Tazobactam Monotherapy for the Treatment of Severe Infections: A Systematic Review and Meta-Analysis. *Antibiotics (Basel)*. 2021 Jan 15;10(1):79. doi: 10.3390/antibiotics10010079. PMID: 33467508; PMCID: PMC7830767.

35: Carsetti A, Bignami E, **Cortegiani A**, Donadello K, Donati A, Foti G, Grasselli G, Romagnoli S, Antonelli M, DE Blasio E, Forfori F, Guarracino F, Scolletta S, Tritapepe L, Scudeller L, Cecconi M, Girardis M. Good clinical practice for the use of vasopressor and inotropic drugs in critically ill patients: state-of-the-art and expert consensus. *Minerva Anesthesiol*. 2021 Jun;87(6):714-732. doi: 10.23736/S0375-9393.20.14866-1. Epub 2021 Jan 12. PMID: 33432794.

36: Einav S, **Cortegiani A**, Marcus EL. Cardiac arrest in older adult patients.

Curr Opin Anaesthesiol. 2021 Feb 1;34(1):40-47. doi:
10.1097/ACO.0000000000000942. PMID: 33369933.

37: Donzelli M, Ippolito M, Catalisano G, Renda B, Tarantino F, Diquattro O,
Cortegiani A. Prone positioning and convalescent plasma therapy in a critically
ill pregnant woman with COVID-19. Clin Case Rep. 2020 Oct 26;8(12):3352-3358.
doi: 10.1002/ccr3.3426. PMID: 33363933; PMCID: PMC7752326.

38: Pham T, Pesenti A, Bellani G, Rubenfeld G, Fan E, Bugedo G, Lorente JA,
Fernandes ADV, Van Haren F, Bruhn A, Rios F, Esteban A, Gattinoni L, Larsson A,
McAuley DF, Ranieri M, Thompson BT, Wrigge H, Brochard LJ, Laffey JG; LUNG SAFE
Investigators and the European Society of Intensive Care Medicine Trials Group.
Outcome of acute hypoxaemic respiratory failure: insights from the LUNG SAFE
Study. Eur Respir J. 2021 Jun 10;57(6):2003317. doi:
10.1183/13993003.03317-2020. PMID: 33334944.

39: **Cortegiani A**, Longhini F, Madotto F, Groff P, Scala R, Crimi C, Carlucci A,
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CAPITOLI DI LIBRI O ALTRO MATERIALE DIDATTICO-DIVULGATIVO

- 1) Co-autore del modulo eLearning dal titolo: "**Respiratory support techniques to avoid desaturation in critically ill patients requiring endotracheal intubation - MOOC5**" per l'European Society of Anaesthesiology (ESA)
- 2) **Processo decisionale in Medicina. A. Cortegiani. Capitolo 349 de Il Manuale MERCK di Diagnosi e Terapia 6° Edizione Italiana (ISBN 978-88-470-5497-4).**
- 3) **Indication and Timing. Cortegiani A**, Russotto V, Gregoretti G. Chapter 3 In book: Percutaneous tracheostomy in critically ill patients. Editors: G. Servillo, P. Pelosi. Pag. 17-28. Springer International Publishing. Doi: 10.1007/978-3-319-22300-1 (ISBN: 978-3-319-22299-8)
- 4) **Perioperative adverse events in obstructive sleep apnea and use of noninvasive mechanical ventilation: key topics and clinical implications.** Gregoretti C, Braghiroli A, Insalaco G, **Cortegiani A**, Corso R. Part VI pag. 519-536. In book: Noninvasive mechanical ventilation – theory, equipment and clinical applications. Editor: Antonio Esquinas. DOI 10.1007/978-3-319-21653-9_63 ISBN: 978-3-319-21653-9
- 5) **Obstructive sleep apnoea syndrome: what the anesthesiologist should know.** Corso RM, **Cortegiani A**, Gregoretti C. Chap. 8 In book: Topical Issues in Anesthesia and Intensive Care. Editor Davide

Chiumello Pag. 125-140. Springer International Publishing DOI
10.1007/978-3-319-31398-6_8 ISBN: 978-3-319-31396-2

6) **Infezioni Fungine in Terapia Intensiva.** Cortegiani A, Misseri G,
Giarratano A. Cap. 79. In Anestesia Rianimazione Teraopia Intensiva e
del Dolore. Edizioni Idelson-Gnocchi ISBN: 978-88-7947-7062

7) **Influenza come fattore di rischio infettivo per infezioni batteriche e
Aspergilloso polmonare invasiva.** Cortegiani A, Peghin M. e-book.
Carrocci Editore: Cod. H. 10CE599 • PP-CRB-ITA-0091

LINGUA SUPPLEMENTARE

- Certificazione lingua inglese Trinity College London – Grade 10 Examination in Spoken English – Speaking and Listening (C1.1 of CEFR)

Autorizzo il trattamento dei miei dati personali ai sensi del Decreto Legislativo 30 giugno
2001, n.196.

Palermo 23/09/2021

FIRMA

Andrea Cortegiani