

Curriculum vitae: Annachiara Marra, MD, PhD

INFORMAZIONI PERSONALI

Nome: Annachiara Marra

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annachiamarra@pec.it

EDUCAZIONE E CERTIFICAZIONI

2022: Professore Associato di Anestesia e Rianimazione presso l'Università degli Studi di Napoli "Federico II"

2020: Abilitazione Scientifica Nazionale come professore di II fascia per il settore concorsuale MED/41 valido dal 2020 al 2029.

2015-2018: Visiting research fellow presso Center for Critical Illness, Brain Dysfunction & Survivorship (CIBS), Vanderbilt University Medical Center, Nashville, Tennessee, Stati Uniti.

2018: Dottorato di Ricerca in "Sanità Pubblica e Medicina Preventiva" Università degli Studi di Napoli Federico II.

2015: Cultore della materia presso Corso di Studi Magistrale di Odontoiatria e Protesi Dentaria, Università degli Studi di Napoli Federico II.

Docente volontario per il Corso di Laurea Triennale in Tecniche di Neurofisiopatologia, Università degli Studi di Napoli Federico II

Docente Volontario presso la Scuola di Specializzazione in Anestesia e Rianimazione, Direttore Prof. G. Servillo – anno accademico 2014-2015

2014: Specializzazione in Anestesia e rianimazione (voto 50/50 e lode), Università degli Studi di Napoli Federico II, Napoli, Italia

2009: Abilitazione all'esercizio della professione medica (voto 270/270) in Italia e altri paesi europei (codice di iscrizione 032545).

2008: Laurea Magistrale in Medicina e Chirurgia "*Magna cum Laude*", Università degli Studi di Napoli Federico II, Napoli, Italia

2002: Diploma di maturità (voto 100/100) presso il Liceo Classico Umberto I, Napoli, Italia.

FORMAZIONE DI RICERCA

2020 ad oggi: Membro del Board della Sezione di Bioetica della Società Italiana di Anestesia, Analgesia, Rianimazione e Terapia Intensiva.

2020 ad oggi: Membro del gruppo di studio per il Progetto BroFiViTi

2018 ad oggi: Membro del Gruppo di studio Bioetica della Società Italiana di Anestesia, Analgesia, Rianimazione e Terapia Intensiva.

2015-2018: Visiting research fellow presso Center for Critical Illness, Brain Dysfunction & Survivorship (CIBS) Vanderbilt University Medical Center, Nashville, Tennessee, Stati Uniti.

Topic della ricerca: Delirium and Post-Intensive Care Syndrome

Supervisor di Ricerca: E. Wesley Ely, MD, MPH, FCCM; Pratik P. Pandharipande, MD, MSCI, FCCM, Vanderbilt University Medical Center, Nashville, Tennessee, Stati Uniti.

Gennaio 2014-Giugno 2014: Assistente in Formazione presso l'Ospedale Santa Maria della Misericordia Università degli studi di Udine.

Topic della ricerca: La motilità diaframmatica attraverso l'ultrasonografia m-mode durante ventilazione non-invasiva.

Supervisor di Ricerca: Prof G. Della Rocca; Dr. Luigi Vetrugno. Università degli studi di Udine

2009-2014: Assistente in Formazione in Anestesia e Rianimazione, Dipartimento di Neuroscienze e Scienze riproduttive ed odontostomatologiche, Università degli Studi di Napoli Federico II.

Supervisore di Ricerca: Prof. Giuseppe Servillo, Dipartimento di Neuroscienze e Scienze riproduttive ed odontostomatologiche, Università degli Studi di Napoli Federico II.

2005-2008: Attività di ricerca clinica presso il Dipartimento di Neuroscienze e Scienze riproduttive ed odontostomatologiche, Università degli Studi di Napoli Federico II.

Topics della ricerca: Weaning dalla ventilazione meccanica ed indici predittivi.

Supervisore di Ricerca: Prof. Giuseppe Servillo, Dipartimento di Neuroscienze e Scienze riproduttive ed odontostomatologiche, Università degli Studi di Napoli Federico II.

FORMAZIONE CLINICA

2018-Presente: Dirigente Medico, DAI Nefrologia, Urologia e Chirurgia Generale e dei Trapianti di Rene, Anestesia e Rianimazione, Dir. Prof. Giuseppe Servillo, U.O.C. di Anestesia, Rianimazione e Terapia Antalgica, A.O.U. Federico II, Napoli, Italia.

2015-2018: Division of Allergy, Pulmonary, and Critical Care Medicine, Department of Medicine, Vanderbilt University Medical Center, Nashville, Tennessee, Stati Uniti.

2014-2015: Frequenza volontaria a scopo di apprendimento e di perfezionamento professionale presso l'UOC di Anestesia Generale e Specialistica di Urologia e Chirurgia Generale, Dir. Prof. Giuseppe Servillo, A.O.U. Federico II, Napoli, Italia.

2014: Dirigente medico libero professionista presso il Dipartimento di Anestesia e Rianimazione, Direttore Dr. Fulvio Aloj, IRCCS Neuromed, Istituto Neurologico Mediterraneo.

2014: Attività clinica presso l' Unità di Terapia intensiva, servizio di Parto-analgesia, e ambulatorio di PICC e CVC eco guidati dell'Ospedale Santa Maria della Misericordia Università degli studi di Udine.

2009-2014: Specializzando in Anestesia e Rianimazione, Dipartimento di Neuroscienze e Scienze riproduttive ed odontostomatologiche Università degli Studi di Napoli Federico II, Napoli, Italia.

PREMI E RICONOSCIMENTI PER L'ATTIVITA' DI RICERCA

Grant SIAARTI-MSD 2017: "Elettroencefalogramma (EEG) con analisi computerizzata come approccio alternativo ed innovativo per la diagnosi precoce del delirium in terapia intensiva.", € 10000

PARTECIPAZIONE A CONVEGNI DI CARATTERE SCIENTIFICO

XXXI Congresso Nazionale SIA 2022: News In Terapia Intensiva E Bioetica: Le decisioni in Rianimazione e nel percorso di fine vita: 1-2 Dicembre, Napoli

ICARE 2022: ABCDEF bundle...F for follow up?: 28-30 ottobre 2022, Milano

ICARE 2022: Intrahospital: quale score utilizzare, esperienza della nuova proposta di un reminder della USL Toscana Centro SALVE: 28-30 ottobre 2022, Milano

ICARE 2022: Dilemmi e scenari di vita reale: 28-30 ottobre 2022, Milano

European Delirium Association (EDA) annual meeting: Chair 17-19 of November of 2021

ICARE Digital Weeks: Neuromonitoring in critical care; 9/25 Ottobre 2020.

SIAARTI 2019: New Insights In Neurological Monitoring: Monitoring Delirium In ICU; 15-18 ottobre 2019, Roma, Italia.

Light Sedation with dexmedetomidine; Light sedation bundles di trattamento; 8 Febbraio 2018, Napoli, Italia.

SIAARTI 2016; Research using EEG as a biomarker in ICU Delirium; 26-29 Ottobre 2016, Napoli, Italia.

La tracheotomia percutanea nel paziente critico adulto; Cricotirotomia d'urgenza: indicazioni e pratica; 12-13 Marzo 2015, Napoli, Italia.

Cordinatrice del corso: La tracheotomia percutanea nel paziente critico adulto; 12-13 Marzo 2015, Napoli, Italia.

Coordinatrice del corso: La tracheotomia percutanea nel paziente critico adulto; 16-17 Gennaio 2014, Napoli, Italia.

ATTIVITA' PRESSO SOCIETA' E RIVISTE SCIENTIFICHE

Revisore per le Riviste Scientifiche

- Chest
- Critical Care Medicine
- AJRCCM
- Critical Care Nurse

Appartenenza a Gruppi/Società Scientifiche

- Socio della Società Italiana di Anestesia Analgesia Rianimazione e Terapia Intensiva (SIAARTI)
- Consigliere Regionale Società Italiana di Anestesia Analgesia Rianimazione e Terapia Intensiva (SIAARTI) per la Campania (triennio 2019-2021)
- Membro del Gruppo di studio Bioetica della Società Italiana di Anestesia, Analgesia, Rianimazione e Terapia Intensiva (SIAARTI)

- Socio della European Society of Anaesthesiology

PARTECIPAZIONE e/o RESPONSABILITA' DI STUDI CLINICI

- **Principal Investigator** del centro "Università Federico II di Napoli" per lo studio "Comparison of EEG patterns in septic patients sedated with dexemetomidine versus propofol."
- **Research coordinator** del Center for Critical Illness, Brain Dysfunction & Survivorship (CIBS) Vanderbilt University Medical Center, Nashville, Tennessee, Stati Uniti per lo studio multicentrico "The Modifying the Impact of ICU-Associated Neurological Dysfunction-USA (MIND-USA) Study (MIND-USA)" (NCT01211522).
- **Research coordinator** del Center for Critical Illness, Brain Dysfunction & Survivorship (CIBS) Vanderbilt University Medical Center, Nashville, Tennessee, Stati Uniti per lo studio multicentrico " The MENDSII Study, Maximizing the Efficacy of Sedation and Reducing Neurological Dysfunction and Mortality in Septic Patients With Acute Respiratory Failure (MENDSII)" (NCT01739933).
- **Research coordinator** del Center for Critical Illness, Brain Dysfunction & Survivorship (CIBS) Vanderbilt University Medical Center, Nashville, Tennessee, Stati Uniti per lo studio " Measuring Outcomes of Activity in Intensive Care (MOSAIC)" (NCT03115840).
- **Research coordinator** del Center for Critical Illness, Brain Dysfunction & Survivorship (CIBS) Vanderbilt University Medical Center, Nashville, Tennessee, Stati Uniti per lo studio "Illuminating Neuropsychological Dysfunction and Systemic Inflammatory Mechanisms Gleaned After Hospitalization in Trauma-ICU Study (INSIGHT-ICU)" (NCT03098459).

COLLABORAZIONI SCIENTIFICHE CON ESPERTI NAZIONALI E INTERNAZIONALI

1. E. Wesley Ely, MD MPH (Associate Director of Aging Research, VA GRECC; Center for Health Services Research; Division of Allergy, Pulmonary and Critical Care Medicine Vanderbilt University Medical Center, Nashville, Tennessee)
2. Pratik Pandharipande, MD, MSCI, FCCM (Chief, Division of Anesthesiology Critical Care Medicine, Department of Anesthesiology; Co-Director Clinical and Translational Research, Medical Student Research, Vanderbilt University Medical Center Nashville, Tennessee).
3. Nathan E. Brummel, MD MSCI (Division of Allergy, Pulmonary, and Critical Care Medicine, Vanderbilt University Medical Center, Nashville, Tennessee)

4. Mayur B. Patel, MD MPH (Division of Trauma, Surgical Critical Care, and Emergency General Surgery, Departments of Surgery, Neurosurgery, and Hearing & Speech Sciences, Section of Surgical Sciences, Vanderbilt University Medical Center, Nashville, Tennessee)
5. Timothy D. Girard, MD MSCI (Clinical Research, Investigation, and Systems Modeling of Acute illness (CRISMA) Center, Department of Critical Care Medicine, University of Pittsburgh School of Medicine).
6. Christopher G. Hughes, MD (Division of Anesthesia Critical Care Medicine, Vanderbilt University Medical Center, Nashville, Tennessee).
7. Eduard E. Vasilevskis, MD MPH (Department of Medicine, Division of General Internal Medicine and Public Health, Vanderbilt University School of Medicine, Nashville, Tennessee).
8. Jin H. Han, MD, MSc (Department of Emergency Medicine, Vanderbilt University Medical Center, Nashville, Tennessee).
9. Alessandra Marengoni, MD (Dipartimento di Scienze Cliniche e Sperimentali. Università degli Studi di Brescia, Brescia, Italia)
10. Giuseppe Bellelli, MD (Unità di Geriatria, Università degli Studi di Milano Bicocca, Italia)
11. Alessandro Morandi, MD MPH (Dipartimento di Riabilitazione Specialistica e Generale Geriatrica, Casa di Cura Ancelle Cremona, Italia).
12. Luigi Vetrugno, MD (Clinica di Anestesia e Rianimazione, Azienda Sanitaria Universitaria Integrata di Udine, Italy)
13. Katarzyna Kotfis, MD, PhD, DESA (Department of Anesthesiology, Intensive Therapy and Acute Intoxications, Pomeranian Medical University, Szczecin, Poland).
14. Annmarie Hosie, RN, PhD (IMPACCT – Improving Palliative, Aged and Chronic Care through Clinical Research and Translation, Faculty of Health, University of Technology Sydney, Ultimo, Australia).
15. Alasdair MJ MacLulich, MRCP PhD (Edinburgh Delirium Research Group, Geriatric Medicine Unit, University of Edinburgh, Edinburgh, Scotland, UK).
16. Brenda T Pun, RN, DNP (Division of Allergy, Pulmonary, and Critical Care Medicine, Department of Medicine, Vanderbilt University Medical Center, Nashville, Tennessee).

ELENCO DELLE PUBBLICAZIONI

A. Articoli Peer-Reviewed

1. Anaesthesia and orphan disease: laparoscopic cholecystectomy with paroxysmal nocturnal haemoglobinuria and human mAb therapy.

- Vargas M, Lallo C, **Marra A**, Servillo G. Eur J Anaesthesiology 2013 Dec;30(12):770-2
2. Posterior reversible encephalopathy syndrome: the endothelial hypotheses.
Marra A*, Vargas M, Striano P, Del Guercio L, Buonanno P, Servillo G. Med Hypotheses. 2014 May;82(5):619-22.
*corresponding author
 3. Xenon anesthesia in a patient with susceptibility to malignant hyperthermia: A case report.
Carlomagno M, Esposito C, **Marra A***, Vargas M, Corcione A. Eur J Anaesthesiol. 2016 Feb;33(2):147-50.
*corresponding author
 4. Bleeding management in patients with new oral anticoagulants.
Vargas M, **Marra A**, Perrone A, Servillo G. Minerva Anesthesiol. 2016 Aug;82(8):884-94. Epub 2016 Apr 28.
 5. The evolving approach to sedation in ventilated patients: a real-world perspective.
Marra A, Pandharipande PP. Ann Transl Med. 2016 Dec;4(24):494
 6. The ABCDEF implementation bundle
Marra A, Frimpong K, Ely W. KJCCM 2016 August 31(3):181-193
 7. The ABCDEF bundle in critical care
Marra A, Ely EW, Pandharipande PP, Patel MB. Crit Care Clin. 2017 Apr;33(2):225-243.
 8. Surgical critical care issue of the surgical clinics of North America: Delirium and PTSD prevention.
Marra A, Patel MB, Pandharipande PP. Surg Clin North Am. 2017 Dec;97(6):1215-1235.
 9. Lung ultrasound for pleural effusion in intensive care unit: a narrative review from the diagnosis to the treatment.
Brogi E, Bignami E, Barbariol F, **Marra A**, Gargani L, Forfori F, Vetrugno L. Crit Care. 2017 Dec 28;21(1):325.
 10. Avoiding inappropriate medication prescription in elderly Intensive Care survivors
Marra A, Hayhurst CJ, Hughes, Marengoni A, Bellelli G, Morandi A. JCOM 2018 February;25(2)
 11. Acute Brain Dysfunction: Development and Validation of a Daily Prediction Model
Marra A, Pandharipande PP, Shotwell MS, Chandrasekhar R, Girard TD, Shintani AK, Peelen LM, Moons K, Dittus RS, Ely EW, Vasilevskis EE. Chest. 2018 Mar 23.
 12. Focusing on Inattention: The Diagnostic Accuracy of Brief Measures of Inattention for Detecting Delirium
Marra A, Jackson JC, Ely EW, Graves AJ, Schnelle J, Dittus RS, Wilson A, Han JH. J Hosp Med. 2018 Mar 26.
 13. Co-occurrence of Post-Intensive Care Syndrome Problems Among 406 Survivors of Critical Illness

- Marra A**, Patel MB, Pandharipande PP, Girard TD, Jackson JC, Thompson JL, Chandrasekhar R, Ely EW, Brummel NE. Crit Care Med. 2018 Sep;46(9):1393-1401.
14. Performances of CPAP Devices with an Oronasal Mask.
Vargas M, **Marra A**, Vivona L, Ball L, Marino V, Pelosi P, Servillo G. Respir Care. 2018 Aug;63(8):1033-1039.
 15. ICU Delirium – a diagnostic and therapeutic challenge in the Intensive Care Unit.
Kotfis K, **Marra A**, Ely EW. Anaesthesiol Intensive Ther. 2018;50(2):160-167.
 16. Delirium Monitoring in Neurocritically Ill Patients: A Systematic Review.
Patel MB, Bednarik, Lee P, Shehabi Y, Salluh JI, Slooter AJ, Klein KE, Skrobik Y, Morandi A, Spronk PE, Naidech AM, Pun BT, Bozza FA, **Marra A**, John S, Pandharipande PP, Ely EW. Crit Care Med. 2018 Nov;46(11):1832-1841
 17. Haloperidol and Ziprasidone for Treatment of Delirium in Critical Illness. Girard TD, et al.; **MIND-USA Investigators**. N Engl J Med. 2018 Dec 27;379(26):2506-2516
 18. Delirium Monitoring Yes or no that is the question.
Marra A*, Kotfis K, Hosie A, MacLulich AMJ, Pandharipande PP, Ely WE, Pun BT. Am J Crit Care. 2019 Mar;28(2):127-135. *corresponding author
 19. The authors reply(Article)
Marra, A, Brummel, N.E. Crit Care Med. 2019 Mar;47(3):e277.
 20. Obstetric Admissions in ICU in a Tertiary Care Center: A 5-Years Retrospective Study.
Vargas M, **Marra A**, Buonanno P, Iacovazzo C, Schiavone V, Servillo G. Indian J Crit Care Med. 2019 May;23(5):213-219.
 21. Melatonin in Critical Care.
Marra A, McGrane TJ, Henson CP, Pandharipande PP. Crit Care Clin. 2019 Apr;35(2):329-340
 22. Fragility Index in Multicenter Randomized Controlled Trials in Critical Care Medicine That Have Shown Reduced Mortality.
Vargas M, Buonano P, **Marra A**, Iacovazzo C, Servillo G. Crit Care Med. 2020 Mar;48(3):e250-e25

23. A Brief Informant Screening Instrument for Dementia in the ICU: The Diagnostic Accuracy of the AD8 in Critically Ill Adults Suspected of Having Pre-Existing Dementia.
Duggan MC, Morrell ME, Chandrasekhar R, **Marra A**, Frimpong K, Nair DR, Girard TD, Pandharipande PP, Ely EW, Jackson JC. *Dement Geriatr Cogn Disord*. 2020 Apr 7:1-9. doi: 10.1159/000490379. [Epub ahead of print]
24. The burden of chronic obstructive pulmonary disease in open heart surgery-a retrospective cohort analysis of postoperative complications: STROBE compliant.
Szylińska A, Kotfis K, Listewnik M, Brykczyński M, **Marra A**, Rotter I. *Medicine (Baltimore)*. 2020 Mar;99(13):e19675. doi: 10.1097/MD.00000000000019675.
25. Religion may play an important role for patients, families, and doctors at the end of life.
Vargas M, **Marra A**, Buonano P, Iacovazzo C, Servillo G. *Support Care Cancer*. 2020 Mar 20. doi: 10.1007/s00520-020-05419-8. [Epub ahead of print]
26. Antipsychotics for preventing delirium in hospitalized adults.
Vargas M, Buonano P, **Marra A**, Iacovazzo C, Servillo G *Ann Intern Med*. 2020 Mar 3;172(5):365-366. doi: 10.7326/L19-0754.
27. A promising treatment of tracheal stenosis in critically ill patients.
Vargas M, **Marra A**, Buonano P, Iacovazzo C, Servillo G. *Gen Thorac Cardiovasc Surg*. 2020 Mar 9. doi: 10.1007/s11748-020-01330-5. [Epub ahead of print]
28. Association of Hypoactive and Hyperactive Delirium with Cognitive Function After Critical Illness.
Hayhurst CJ, **Marra A**, Han JH, Patel MB, Brummel NE, Thompson JL, Jackson JC, Chandrasekhar R, Ely EW, Pandharipande PP, Hughes CG. *Crit Care Med*. 2020 Apr 20. doi: 10.1097/CCM.0000000000004313. [Epub ahead of print]
29. Palliative Sedation and End of Life: Lights and Shadows.
Buonanno P, Vargas M, **Marra A**, Iacovazzo C, Servillo G. *J Am Med Dir Assoc*. 2020 May 10. pii: S1525-8610(20)30290-5. doi: 10.1016/j.jamda.2020.03.031. [Epub ahead of print]
30. How COVID-19 Pandemic Changed Our Communication With Families: Losing Nonverbal Cues
Marra A, Buonanno P, Vargas M, Iacovazzo C, Ely EW, Servillo G. *Crit Care* 2020 Jun 5;24(1):297. doi: 10.1186/s13054-020-03035-w
31. Randomized Controlled Trials on Lower vs Higher Fluid Volumes During Initial Management of Sepsis Are Very Fragile.

- Vargas M, **Marra A**, Buonanno P, Iacovazzo C, Servillo G. *Chest*. 2020 Jul;158(1):427-428. doi: 10.1016/j.chest.2020.02.030. Epub 2020 Jul 2. PMID: 32654720.
32. Letter Regarding: Comparison of the Effects of Neostigmine and Sugammadex on Colonic Anastomotic Strength in Rats.
Buonanno P, Vargas M, **Marra A**, Iacovazzo C, Servillo G.. *J Surg Res*. 2020 Oct;254:417-418. doi: 10.1016/j.jss.2020.04.029. Epub 2020 Jun 1. PMID: 32498963.
 33. End of life in the time of COVID-19 pandemic: take care of death.
Buonanno P, Vargas M, **Marra A**, Iacovazzo C, Servillo G. *Acta Biomed*. 2020 Nov 10;91(4):e2020153. doi: 10.23750/abm.v91i4.10344. PMID: 33525244; PMCID: PMC7927512.
 34. A systematic review of the literature on the role of tracheostomy in COVID-19 patients.
Piombino P, Troise S, Vargas M, **Marra A**, Buonanno P, Fusetti S, Apolloni F, Crimi S, Bianchi A, Mariniello D, Califano L.. *Eur Rev Med Pharmacol Sci*. 2020 Dec;24(23):12558-12574. doi: 10.26355/eurev_202012_24053. PMID: 33336776.
 35. Letter to editor.
Marra A., Vargas M., Buonanno P., Iacovazzo C., Servillo G. *Journal of Clinical Anesthesia* Volume 70, June 2021, Article number 110183
 36. Prevalence and risk factors for delirium in critically ill patients with COVID-19 (COVID-D): a multicentre cohort study.
Pun BT, Badenes R, Heras La Calle G, Orun OM, Chen W, Raman R, Simpson BK, Wilson-Linville S, Hinojal Olmedillo B, Vallejo de la Cueva A, van der Jagt M, Navarro Casado R, Leal Sanz P, Orhun G, Ferrer Gómez C, Núñez Vázquez K, Piñeiro Otero P, Taccone FS, Gallego Curto E, Caricato A, Woien H, Lacave G, O'Neal HR Jr, Peterson SJ, Brummel NE, Girard TD, Ely EW, Pandharipande PP; COVID-19 Intensive Care International Study Group.. *Lancet Respir Med*. 2021 Mar;9(3):239-250. doi: 10.1016/S2213-2600(20)30552-X. Epub 2021 Jan 8.
 37. Haloperidol for preventing delirium in ICU patients: a systematic review and meta-analysis.
Marra A, Vargas M, Buonanno P, Iacovazzo C, Kotfis K, Servillo G.. *Eur Rev Med Pharmacol Sci*. 2021 Feb;25(3):1582-1591. doi: 10.26355/eurev_202102_24868. PMID: 33629327.
 38. Dexmedetomidine or Propofol for Sedation in Mechanically Ventilated Adults with Sepsis.
Hughes CG, Mailloux PT, Devlin JW, Swan JT, Sanders RD, Anzueto A, Jackson JC, Hoskins AS, Pun BT, Orun OM, Raman R, Stollings JL, Kiehl AL, Duprey MS, Bui LN, O'Neal HR Jr, Snyder A, Gropper MA, Guntupalli KK, Stashenko GJ, Patel MB, Brummel NE, Girard TD, Dittus RS, Bernard GR, Ely EW, Pandharipande PP; MENDS2 Study Investigators. *N Engl J Med*. 2021 Feb 2. doi: 10.1056/NEJMoa2024922. Epub ahead of print. PMID: 33528922.

39. Tracheostomy in COVID-19 patients: A matter of staff safety and mortality.
Vargas M, **Marra A**, Servillo G.
Am J Otolaryngol. 2021 Mar 24;42(5):103007. doi: 10.1016/j.amjoto.2021.103007. Epub ahead of print. PMID: 33774555.
40. Tracheostomy in Patients with Traumatic Brain Injury: Systematic Review and Meta-Analysis.
Marra A, Vargas M, Buonanno P, Iacovazzo C, Coviello A, Servillo G. Early vs. Late J Clin Med. 2021 Jul 28;10(15):3319. doi: 10.3390/jcm10153319. PMID: 34362103; PMCID: PMC8348593.
41. Insulin-like growth factor-1 as predictive factor of difficult laryngoscopy in patients with GHproducing pituitary adenoma: A pilot study. Iacovazzo C., de Bonis C., Sara R., **Marra A.**, Buonanno P., Vargas M., Cavallo L.M., Servillo G. Journal of Clinical Neuroscience 2021, 94, 54 – 58
42. Venous thromboembolism in covid-19 compared to non-covid-19 cohorts: A systematic review with meta-analysis. Tufano A., Rendina D. Abate V., Casoria A., **Marra A.**, Buonanno P., Galletti F., i Minno G., Servillo G., Vargas M. J. Clin. Med. 2021, 10(21), 4925
43. Preoperative anxiety: what are we really doing?
Buonanno P, Vargas M, **Marra A**, Iacovazzo C, Servillo G. Acta Biomed. 2021 Jul 1;92(3):e2021277. doi: 10.23750/abm.v92i3.9329. PMID: 34212938; PMCID: PMC8343734.
44. Anesthesiologic management of pregnant women with SARS-COV-2 infection undergoing cesarean delivery. Coviello A., Posillipo C., Golino L., De Angelis, Gragnano E., Saccone G., Ianniello M., Castellano G., **Marra A.**, Maresca A., Vargas M., Servillo G. Clinical and Experimental Obstetrics & Gynecology 2021, Vol. 48 Issue (3): 628-630 DOI: 10.31083/j.ceog.2021.03.2446
45. Protocols of Anesthesia Management in Parturients with SARS-CoV-2 Infection. Coviello A, Vargas M, **Marra A**, Golino L, Saccone G, Iacovazzo C, Frigo MG, Tognù A, Ianniello M, Buonanno P, Servillo GHealthcare (Basel). 2022 Mar 12;10(3):520.
46. Patient-Ventilator Synchrony in Neurally-Adjusted Ventilatory Assist and Variable Pressure Support Ventilation. Vargas M, Buonanno P, Sica A, Ball L, Iacovazzo C, **Marra A**, Pelosi P, Servillo GRespir Care. 2022 May;67(5):503-509. doi: 10.4187/respcare.08921. Epub 2022 Feb 28. PMID: 35228305.
47. Communication and visiting policies in Italian intensive care units during the first COVID-19 pandemic wave and lockdown: a nationwide survey. Langer T, Depalo FC, Forlini C, Landini S, Mezzetti A, Previtali P, Monti G, de Toma C, Biscardi D, Giannini A, Fumagalli R, Mistraletti G;

- COMVISCov group. BMC Anesthesiol. 2022 Sep 1;22(1):278. doi: 10.1186/s12871-022-01813-3.
48. Preoperative anxiety during COVID-19 pandemic: A single-center observational study and comparison with a historical cohort. Buonanno P, **Marra A**, Iacovazzo C, Vargas M, Nappi S, de Siena AU, Servillo G. Front Med (Lausanne). 2022 Dec 15;9:1062381. doi: 10.3389/fmed.2022.1062381. PMID: 36590950; PMCID: PMC9797972.
 49. Telemedicine in Cancer Pain Management: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. Buonanno P, **Marra A**, Iacovazzo C, Franco M, De Simone SPain Med. 2023 Mar 1;24(3):226-233. doi: 10.1093/pm/pnac128. PMID: 36029255.
 50. Sufentanil vs. Dexmedetomidine as Neuraxial Adjuvants in Cesarean Section: A Mono-Centric Retrospective Comparative Study. Coviello A, Iacovazzo C, D'Abrunzo A, Ianniello M, Frigo MG, **Marra A**, Buonanno P, Barone MS, Servillo G, Vargas M J Clin Med. 2022 Nov 21;11(22):6868. doi: 10.3390/jcm11226868. PMID: 36431344; PMCID: PMC9694597.
 51. The ABCDEF bundle: Laying the foundations for long term wellness in ICU survivors. Vargas M, Buonanno P, Kotfis K, **Marra A**. Front Med (Lausanne). 2022 Oct 21;9:1056056. doi: 10.3389/fmed.2022.1056056. PMID: 36341249; PMCID: PMC9635261.
 52. Electric impedance tomography and protective mechanical ventilation in elective robotic-assisted laparoscopy surgery with steep Trendelenburg position: a randomized controlled study. Buonanno P, **Marra A**, Iacovazzo C, Merola R, De Siena AU, Servillo G, Vargas M. Sci Rep. 2023 Feb 16;13(1):2753.

B. Capitoli di Libri

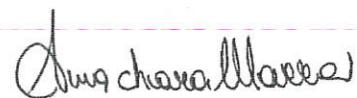
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Data

10 maggio 2023

Firma

Handwritten signature in black ink, appearing to read "Anna Chara Llorens".