

ERIK ROMAN-POGNUZ MD, PhD

INFORMAZIONI PERSONALI

★ Nazionalità: Italiana

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- Dipartimento di Anestesia e Rianimazione Azienda sanitaria universitaria Giuliano isontina – ASUGI Trieste Strada di Fiume 447
- Dipartimento di Scienze Mediche, Università degli studi di Trieste - Anestesiologia
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Istruzione e formazione:

Ottobre 2024	Professore Associato di Anestesiologia , Area 06, Med 23/A Università degli Studi di Trieste
Luglio-Agosto 2024	Visiting Professorship at University of Pittsburgh , PA U.S.A. Ref: Pro C. Callaway
Settembre 2022	Abilitazione Scientifica Nazionale alle funzioni di professore universitario di Seconda Fascia nel Settore Concorsuale 06/L1 - ANESTESIOLOGIA
Ott 2021- Presente	Ricercatore tipo B MED 41 Anestesia e rianimazione Università degli Studi di Trieste
Mar 2019	PhD graduation in Neuroscience and Cognitive science (NESC) Dipartimento di Scienze della Vita, Università degli Studi di Trieste - Ref: Prof. Paolo Manganotti
Ago 2017- Apr 2018	Visiting Scholar Department of Emergency Medicine. UPMC. University of Pittsburgh, PA. USA. Ref: Prof Clifton Callaway
Ott. 2004-Ott. 2008	Specializzazione in anestesia e rianimazione e terapia del dolore - Università degli Studi di Trieste - Ref: Prof Giorgio Berlot - Prof Umberto Lucangelo
Giu 2005	Abilitazione nazionale professionale medica

AA 2003-04 **Laurea magistrale in Medicina e Chirurgia, Università degli Studi di Trieste**

Esperienza lavorativa:

Ott 2022- Presente **Responsabile terapia intensiva post operatoria (TIPO)** SC anestesia e Rianimazione
Azienda sanitaria universitaria Giuliano Isontina ASUGI

Gen 2021 - Feb 2022 **Responsabile clinico della terapia intensiva Covid** Azienda Sanitaria Universitaria Giuliano Isontina ASUGI

Nov 2014 - Ott 2021 **Dirigente medico** a tempo indeterminato in anestesia e rianimazione - Azienda Sanitaria Universitaria Giuliano Isontina ASUGI

Nov 2016 - Jun 2018 **Dirigente medico convenzionato** Servizio regionale emergenza 118 - FVG - **Udine**

Nov 2012 - Nov 2014 **Dirigente medico a tempo indeterminato** - UCO anestesia e rianimazione centrale
Azienda Sanitaria Universitaria di **Padova**

Sept 2009 - Mar 2012 **Dirigente medico a tempo indeterminato** in anestesia e rianimazione - Azienda ospedaliera universitaria di Trieste AOUTS

Jan 2009 - Sept 2009 **Dirigente medico a tempo determinato ASS1 Triestina** - Servizio regionale emergenza 118 - Trieste

Posizioni di ricerca:

Dic 2023 - Presente **Principal investigator.** Addressing an inherent bias in neuroprognostication: A collaboration between the US, Brazil and Italy to reduce the impact of Self-fulfilling Prophecy in cardiac ARrEst - IRB Number: H-36257

Set 2023 - Presente **Co Principal investigator.** Inhaled HYdrogen for myocardial preservation in patients with ST-Elevation Myocardial Infarction admitted in the emergency room – HY-STEMI trial. Grant: **PRIN 2022** - Progetti di Rilevante Interesse Nazionale. Co PI Investigator with University of Milano. D70-RPRIN22ROMAN_01 - CUP: J53D23012160006

Ott 21 – Ott 24 Responsabile regionale della società scientifica S.I.A.A.R.T.I. <https://www.siaarti.it/>

Gen 2021 -Presente **Local Investigator** - Efficacy of Albumin Replacement and Balanced Solution in Patients with Septic Shock (the ALBIOSS- BALANCED trial): a 2-by-2 factorial, investigator-initiated, open-label, multicenter, randomized, controlled trial- NCT03654001- **EudraCT Number:** 2018-001582-16. Istituto di ricerche farmacologiche Mario Negri, Milano, Italy

- Apr 2020 - Mag 2021 **Local Investigator** - Multicenter study on the efficacy and tolerability of tocilizumab in the treatment of patients with COVID-19 pneumonia - **EudraCT Number: 2020-001110-38** - Istituto Nazionale Tumori, IRCCS, Fondazione G. Pascale – Via M. Semmola 80131Napoli
- Mag 2020 – Mag 2021 **Local principal investigator**. Delirium in Critically ill patients with SARS-COV-2 Infection - <https://www.icudelirium.org/projects/covid-d>
Vanderbilt University Medical Center -Nashville, Tennessee, United States
- Giu 2020 - Presente **Principal Investigator** - Friuli Venezia Giulia registry of Cardiac arrest
- Mag 2019 – Nov 2023 **Italian principal investigator**. TRansfusion Strategies in Acute Brain INjured Patients (TRAIN) study Trial - ESICM - **ClinicalTrials.gov Identifier: NCT02968654**
- Mar 2019 – Mar 2020 **Local principal investigator**. Targeted Hypothermia Versus Targeted Normothermia After Out-of-hospital Cardiac Arrest (TTM-2) - **ClinicalTrials.gov Identifier: NCT02908308**

Editor

Journal of Clinical medicine – Guest editor **Clinical Advances in Neuroprognostication and Outcome Prediction After Cardiac Arrest**
https://www.mdpi.com/journal/jcm/special_issues/NGB6FPM5gT

Journal of Clinical Medicine – Guest editor for **"Italian Resuscitation Council" on Resuscitation Science and Emergencies—2nd Edition**
https://www.mdpi.com/journal/jcm/special_issues/oOHP1174RT

Accordi internazionali

Responsabile scientifico dell'accordo internazionale quadro Memorandum of Understanding (MoU) con University of Pittsburgh, PA – USA per la collaborazione interdipartimentale tra le facoltà di Medicina, sottoscritto dal CdD v. 220, 9 aprile 2024.

Membro della commissione per l'internazionalizzazione del dipartimento di scienze mediche- Università di Trieste

Insegnamenti 2024-25

- 711ME-3 - ANESTESIOLOGIA - ANAESTHESIOLOGY Corso di studio: ME10 - INFERMIERISTICA (ABILITANTE ALLA PROFESSIONE SANITARIA DI INFERMIERE)
- 481ME-1 - Anestesiologia Corso di studio: ME13 - TECNICHE DI LABORATORIO BIOMEDICO (ABILITANTE ALLA PROFESSIONE SANITARIA DI TECNICO DI LABORATORIO BIOMEDICO)
- 944ME-1 - ANESTESIOLOGIA E TRATTAMENTO DELL'EMERGENZA - ANESTHESIOLOGY AND EMERGENCY TREATMENT Corso di studio: ME04 - ODONTOIATRIA E PROTESI DENTARIA
- 705ME-3 - EMERGENZE E CURE INTENSIVE - EMERGENCIES AND INTENSIVE CARE Corso di studio: ME10 - INFERMIERISTICA (ABILITANTE ALLA PROFESSIONE SANITARIA DI INFERMIERE)

- 665ME-3 - PROGRESSI IN ANESTESIOLOGIA - PROGRESSES IN ANAESTHESIOLOGY Corso di studio: ME05 - SCIENZE INFERMIERISTICHE E OSTETRICHE
- 709ME-3 - TERAPIA DEL DOLORE E CURE PALLIATIVE - PAIN THERAPY AND PALLIATIVE CARE Corso di studio: ME10 - INFERMIERISTICA (ABILITANTE ALLA PROFESSIONE SANITARIA DI INFERMIERE)

Pubblicazioni

1. Roman-Pognuz E, Di Bella S, Maraolo AE, Giuffrè M, Robba C, Ristagno G, Callaway CW, Lucangelo U. Incidence and Risk Factors of Ventilator-Associated Pneumonia in Cardiac Arrest in Patients With Selective Digestive Decontamination. *Crit Care Res Pract.* 2025 Mar 26;2025:7669466. doi: 10.1155/ccrp/7669466. PMID: 40177646; PMCID: PMC11964724.
2. "To shock or not to shock? This is *no longer* a question"... with the new AED technologies. Roman-Pognuz, Erik Ristagno, Giuseppe et al. *Resuscitation*, Volume 202, 110327
3. F. Taccone et al. Restrictive vs Liberal Transfusion Strategy in Patients With Acute Brain Injury: The TRAIN Randomized Clinical Trial. *JAMA*. Published online October 09, 2024. doi:10.1001/jama.2024.20424
4. Iavarone IG, Donadello K, Cammarota G, D'Agostino F, Pellis T, Roman-Pognuz E, Sandroni C, Semeraro F, Sekhon M, Rocco PRM, Robba C. Optimizing brain protection after cardiac arrest: advanced strategies and best practices. *Interface Focus.* 2024 Dec 6;14(6):20240025. doi: 10.1098/rsfs.2024.0025. PMID: 39649449; PMCID: PMC11620827.
5. Marchese, G.; Bungaro, E.; Magliocca, A.; Fumagalli, F.; Merigo, G.; Semeraro, F.; Mereto, E.; Babini, G.; Roman-Pognuz, E.; Stirparo, G.; et al. Acute Lung Injury after Cardiopulmonary Resuscitation: A Narrative Review. *J. Clin. Med.* **2024**, *13*, 2498. <https://doi.org/10.3390/jcm13092498>
6. Erik Roman-Pognuz, Sara Rigutti, Giulia Colussi, Enrico Lena, Marco Bonsano, Umberto Lucangelo. Acute esophageal necrosis following cardiac arrest: A rare and lethal syndrome with diagnostic challenges. *International Journal of Surgery Case Reports*. Volume 120. **2024**. 109751. ISSN 2210-2612. <https://doi.org/10.1016/j.ijscr.2024.109751>.
7. Enrico Lena, Lucia Comuzzi, Milos Ajčević, Martina Tarchini, Edoardo Moro, Beatrice Baso, Giorgia DalZilio, Silvia Palmisano, Erik RomanPognuz, Rafael Fernández, Umberto Lucangelo. Lung Volume and Ventilation Distribution After Bariatric Surgery: High-Flow Nasal Cannula Versus CPAP. *Respiratory Care* Aug **2024**, 69 (8) 990-998; DOI: 10.4187/respcare.11356
8. Turella S, Dankiewicz J, Friberg H, Jakobsen JC, Leithner C, Levin H, Lilja G, Moseby-Knappe M, Nielsen N, Rossetti AO, Sandroni C, Zubler F, Cronberg T, Westhall E; TTM2-trial investigators. The predictive value of highly malignant EEG patterns after cardiac arrest: evaluation of the ERC-ESICM recommendations. *Intensive Care Med.* 2024 Jan;50(1):90-102. doi: 10.1007/s00134-023-07280-9. Epub **2024** Jan 3. PMID: 38172300; PMCID: PMC10811097.
9. Turella, S. et al. EEG for good outcome prediction after cardiac arrest: A multicentre cohort study. *Resuscitation*, Volume 202, 110319
10. 2: Roman-Pognuz E, Moro E, Macchini E, Di Paolo E, Pesenti K, Lucangelo U, Bussani R, Baratella E, Pellis T, Ristagno G. Neuronal desertification after a direct lightning strike: a case report. *J Med Case Rep.* 2022 Oct 21;16(1):391. doi: 10.1186/s13256-022-03500-w. PMID: 36271452; PMCID: PMC9585841.
11. 3: Robba C, Badenes R, Battaglini D, Ball L, Sanfilippo F, Brunetti I, Jakobsen C, Lilja G, Friberg H, Wendel-Garcia PD, Young PJ, Eastwood G, Chew MS, Unden J, Thomas M, Joannidis M, Nichol A, Lundin A, Hollenberg J, Hammond N, Saxena M, Martin A, Solar M, Taccone FS, Dankiewicz J, Nielsen N, Grejs AM, Ebner F, Pelosi P; TTM2 Trial collaborators. Oxygen targets and 6-month outcome after out

12. of hospital cardiac arrest: a pre-planned sub-analysis of the targeted hypothermia versus targeted normothermia after Out-of-Hospital Cardiac Arrest (TTM2) trial. *Crit Care*. 2022 Oct 21;26(1):323. doi: 10.1186/s13054-022-04186-8. PMID: 36271410; PMCID: PMC9585831.
13. 4: Robba C, Badenes R, Battaglini D, Ball L, Brunetti I, Jakobsen JC, Lilja G, Friberg H, Wendel-Garcia PD, Young PJ, Eastwood G, Chew MS, Unden J, Thomas M, Joannidis M, Nichol A, Lundin A, Hollenberg J, Hammond N, Saxena M, Annborn M, Solar M, Taccone FS, Dankiewicz J, Nielsen N, Pelosi P; TTM2 Trial Collaborators. Ventilatory settings in the initial 72 h and their association with outcome in out-of-hospital cardiac arrest patients: a preplanned secondary analysis of the targeted hypothermia versus targeted normothermia after out-of-hospital cardiac arrest (TTM2) trial. *Intensive Care Med*. 2022 Aug;48(8):1024-1038. doi: 10.1007/s00134-022-06756-4. Epub 2022 Jul 2. PMID: 35780195; PMCID: PMC9304050.
14. 5: Giacobbe DR, Di Bella S, Dettori S, Brucci G, Zerbato V, Pol R, Segat L, D'Agaro P, Roman-Pognuz E, Friso F, Principe L, Lucangelo U, Ball L, Robba C, Battaglini D, De Maria A, Brunetti I, Patroniti N, Briano F, Bruzzone B, Guarona G, Magnasco L, Dentone C, Icardi G, Pelosi P, Luzzati R, Bassetti M. Reactivation of Herpes Simplex Virus Type 1 (HSV-1) Detected on Bronchoalveolar Lavage Fluid (BALF) Samples in Critically Ill COVID-19 Patients Undergoing Invasive Mechanical Ventilation: Preliminary Results from Two Italian Centers. *Microorganisms*. 2022 Feb 4;10(2):362. doi: 10.3390/microorganisms10020362. PMID: 35208817; PMCID: PMC8875622.
15. 6: Berlot G, Di Bella S, Tomasini A, Roman-Pognuz E. The Effects of Hemoadsorption on the Kinetics of Antibacterial and Antifungal Agents. *Antibiotics (Basel)*. 2022 Jan 29;11(2):180. doi: 10.3390/antibiotics11020180. PMID: 35203783; PMCID: PMC8868360.
16. 7: Baratella E, Roman-Pognuz E, Zerbato V, Minelli P, Cavallaro MFM, Cova MA, Luzzati R, Lucangelo U, Sanson G, Friso F, Bussani R, Pinamonti M, Busetti M, Salton F, Confalonieri M, Ruaro B, Di Bella S. Potential links between COVID-19-associated pulmonary aspergillosis and bronchiectasis as detected by high resolution computed tomography. *Front Biosci (Landmark Ed)*. 2021 Dec 30;26(12):1607-1612. doi: 10.52586/5053. PMID: 34994174.
17. 8: Di Bella S, Zerbato V, Sanson G, Roman-Pognuz E, De Cristofaro P, Palermo A, Valentini M, Gobbo Y, Jaracz AW, Bozic Hrzica E, Bresani-Salvi CC, Galindo AB, Crovella S, Luzzati R. Neck Circumference Predicts Mortality in Hospitalized COVID-19 Patients. *Infect Dis Rep*. 2021 Dec 10;13(4):1053-1060. doi: 10.3390/idr13040096. PMID: 34940406; PMCID: PMC8700782.
18. 9: Baratella E, Marrocchio C, Bozzato AM, Roman-Pognuz E, Cova MA. Chest X-ray in intensive care unit patients: what there is to know about thoracic devices. *Diagn Interv Radiol*. 2021 Sep;27(5):633-638. doi: 10.5152/dir.2021.20497. PMID: 34559048; PMCID: PMC8480947.
19. 10: Roman-Pognuz D, Scarpa G, Virgili G, Roman-Pognuz E, Paluzzano G, Cavarzeran F. COMPARISON OF RETROBULBAR, SUB-TENON ANESTHESIA AND MEDIAL CANTHUS EPISCLERAL ANESTHESIA FOR 25-GAUGE POSTERIOR VITRECTOMY. *Retina*. 2022 Jan 1;42(1):19-26. doi: 10.1097/IAE.0000000000003260. PMID: 34267116; PMCID: PMC8687616.
20. 11: Dankiewicz J, Cronberg T, Lilja G, Jakobsen JC, Levin H, Ullén S, Rylander C, Wise MP, Oddo M, Cariou A, Bělohávek J, Hovdenes J, Saxena M, Kirkegaard H, Young PJ, Pelosi P, Storm C, Taccone FS, Joannidis M, Callaway C, Eastwood GM, Morgan MPG, Nordberg P, Erlinge D, Nichol AD, Chew MS, Hollenberg J, Thomas M, Bewley J, Sweet K, Grejs AM, Christensen S, Haenggi M, Levis A, Lundin A, Düring J, Schmidbauer S, Keeble TR, Karamasis GV, Schrag C, Faessler E, Smid O, Otáhal M, Maggiorini M, Wendel Garcia PD, Jaubert P, Cole JM, Solar M, Borgquist O, Leithner C, Abed-Maillard S, Navarra L, Annborn M, Undén J, Brunetti I, Awad A, McGuigan P, Bjørkholm Olsen R, Cassina T, Vignon P, Langeland H, Lange T, Friberg H, Nielsen N; TTM2 Trial Investigators. Hypothermia versus Normothermia after Out-of-Hospital Cardiac Arrest. *N Engl J Med*. 2021 Jun 17;384(24):2283-2294. doi: 10.1056/NEJMoa2100591. PMID: 34133859.
21. 12: Manganotti P, Cheli M, Dinoto A, Biaduzzini F, Tomaselli M, Mazzon G, Roman-Pognuz E, Meletti S. Combining perampanel and ketamine in super refractory post-traumatic status epilepticus: A case report. *Seizure*. 2021 Jul;89:59-61. doi: 10.1016/j.seizure.2021.04.026. Epub 2021 May 9. PMID: 34015571.

22. 13: Nuzzi V, Castrichini M, Collini V, Roman-Pognuz E, Di Bella S, Luzzati R, Berlot G, Confalonieri M, Merlo M, Stolfo D, Sinagra G. Impaired Right Ventricular Longitudinal Strain Without Pulmonary Hypertension in Patients Who Have Recovered From COVID-19. *Circ Cardiovasc Imaging*. 2021 Apr;14(4):e012166. doi: 10.1161/CIRCIMAGING.120.012166. Epub 2021 Apr 8. PMID: 33827250.
23. 14: Roman-Pognuz E, Elmer J, Guyette FX, Poillucci G, Lucangelo U, Berlot G, Manganotti P, Peratoner A, Pellis T, Taccone F, Callaway C. Multimodal Long-Term Predictors of Outcome in Out of Hospital Cardiac Arrest Patients Treated with Targeted Temperature Management at 36 °C. *J Clin Med*. 2021 Mar 23;10(6):1331. doi: 10.3390/jcm10061331. PMID: 33807041; PMCID: PMC8005130.
24. 15: Berlot G, Scamperle A, Istrati T, Dattola R, Longo I, Chillemi A, Baronio S, Quarantotto G, Zanchi S, Roman-Pognuz E, Bixio M, Tomasini A. Kinetics of Immunoglobulins in Septic Shock Patients Treated With an IgM- and IgA-Enriched Intravenous Preparation: An Observational Study. *Front Med (Lausanne)*. 2021 Mar 1;8:605113. doi: 10.3389/fmed.2021.605113. PMID: 33732713; PMCID: PMC7956982.
25. 16: 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, Llauro-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.
26. 17: Nobile L, Pognuz ER, Rossetti AO, Franchi F, Verginella F, Mavroudakakis N, Creteur J, Berlot G, Oddo M, Taccone FS. The characteristics of patients with bilateral absent evoked potentials after post-anoxic brain damage: A multicentric cohort study. *Resuscitation*. 2020 Apr;149:134-140. doi: 10.1016/j.resuscitation.2020.02.017. Epub 2020 Feb 27. PMID: 32114066.
27. 18: Berlot G, Pintacuda S, Moro E, Paluzzano G, Scamperle A, Chillemi A, Longo I, Dattola R, Roman-Pognuz E, Tomasini A. Effects of tocilizumab versus hemoadsorption combined with tocilizumab in patients with SARS-CoV-2 pneumonia: Preliminary results. *Int J Artif Organs*. 2022 Jan;45(1):75-80. doi: 10.1177/0391398821989334. Epub 2021 Feb 11. PMID: 33573449.
29. 19: Giacobbe DR, Battaglini D, Enrile EM, Dentone C, Vena A, Robba C, Ball L, Bartoletti M, Coloretto I, Di Bella S, Di Biagio A, Brunetti I, Mikulska M, Carannante N, De Maria A, Magnasco L, Maraolo AE, Mirabella M, Montrucchio G, Patroniti N, Taramasso L, Tiseo G, Fornaro G, Fraganza F, Monastra L, Roman-Pognuz E, Paluzzano G, Fiorentino G, Corcione A, Bussini L, Pascale R, Corcione S, Tonetti T, Rinaldi M, Falcone M, Biagioni E, Ranieri VM, Giannella M, De Rosa FG, Girardis M, Menichetti F, Viale P, Pelosi P, Bassetti M. Incidence and Prognosis of Ventilator-Associated Pneumonia in Critically Ill Patients with COVID-19: A Multicenter Study. *J Clin Med*. 2021 Feb 3;10(4):555. doi: 10.3390/jcm10040555. PMID: 33546093; PMCID: PMC7913191.
30. 20: 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, Piñero 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. Prevalence and risk factors for delirium in critically ill patients with COVID-19 (COVID-D): a multicentre cohort study. *Lancet Respir Med*. 2021 Mar;9(3):239-250. doi: 10.1016/S2213-2600(20)30552-X. Epub 2021 Jan 8. Erratum in: *Lancet Respir Med*. 2021 Jan 27;: PMID: 33428871; PMCID: PMC7832119.
33. 21: 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, Llauro-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. Prevalence, associated factors and outcomes of pressure injuries in adult intensive care unit patients: the DecubICUs study. *Intensive Care Med*. 2021 Feb;47(2):160-169. doi: 10.1007/s00134-020-06234-9. Epub 2020 Oct 9. Erratum in: *Intensive Care Med*. 2021 Apr;47(4):503-520. PMID: 33034686; PMCID: PMC7880913.

34. 22: Sambataro G, Giuffrè M, Sambataro D, Palermo A, Vignigni G, Cesareo R, Crimi N, Torrisi SE, Vancheri C, Malatino L, Colaci M, Del Papa N, Pignataro F, Roman- Pognuz E, Fabbiani M, Montagnani F, Cassol C, Cava- gna L, Zuccaro V, Zerbato V, Maurel C, Luzzati R, Di Bella S. The Model for Early COvid-19 Recognition (ME- COR) Score: A Proof-of-Concept for a Simple and Low-Cost Tool to Recognize a
35. Possible Viral Etiology in Community-Acquired Pneumonia Patients during COVID-19 Outbreak. *Diagnostics* (Basel). 2020 Aug 21;10(9):619. doi: 10.3390/diagnostics10090619. PMID: 32825763; PMCID: PMC7555441.
36. 23: Berlot G, Tomasini A, Roman Pognuz E, Randino A, Chiella F, La Fata C, Piva M, Amato P, di Maso V, Bianco F, Gerini U, Tomietto P, Trenti T. The Combined Use of Tocilizumab and Hemoadsorption in a Patient with SARS-COV-2-19-Associated Pneumonia: A Case Report. *Nephron*. 2020;144(9):459-462. doi: 10.1159/000509738. Epub 2020 Jul 21. PMID: 32694244; PMCID: PMC7445375.
37. 24: Di Bella S, Cesareo R, De Cristofaro P, Palermo A, Sanson G, Roman-Pognuz E, Zerbato V, Manfrini S, Giacomazzi D, Dal Bo E, Sambataro G, Macchini E, Quintavalle F, Campagna G, Masala R, Ottaviani L, Del Borgo C, Ridola L, Leonetti F, Berlot G, Luzzati R. Neck circumference as reliable predictor of mechanical ventilation support in adult inpatients with COVID-19: A multicentric prospective evaluation. *Diabetes Metab Res Rev*. 2021 Jan;37(1):e3354. doi: 10.1002/dmrr.3354. Epub 2020 Jun 14. PMID: 32484298; PMCID: PMC7300447.
38. 25: Roman-Pognuz E, Elmer J, Rittenberger JC, Guyette FX, Berlot G, De Rosa S, Peratoner A, de Arroyabe BML, Lucangelo U, Callaway CW. Markers of cardiogenic shock predict persistent acute kidney injury after out of hospital cardiac arrest. *Heart Lung*. 2019 Mar-Apr;48(2):126-130. doi: 10.1016/j.hrtlng.2018.10.025. Epub 2018 Nov 22. PMID: 30470603; PMCID: PMC7073458.
39. 26: Meggiolaro M, Scatto A, Zorzi A, Roman-Pognuz E, Lauro A, Passarella C, Bonaccorso G. Confirmation of correct central venous catheter position in the preoperative setting by echocardiographic "bubble-test". *Minerva Anesthesiol*. 2015 Sep;81(9):989-1000. Epub 2014 Nov 6. PMID: 25375312.
40. 27: Marco M, Roman-Pognuz E, Anna B, Alessio S. Air embolism after central venous catheter removal: fibrin sheath as the portal of persistent air entry. *Case Rep Crit Care*. 2013;2013:403243. doi: 10.1155/2013/403243. Epub 2013 Oct 7. PMID: 24829822; PMCID: PMC4010003.
41. 28: Antonaglia V, Ferluga M, Capitanio G, Lucangelo U, Piller F, Roman-Pognuz E, Biancardi B, Caggegi GD, Zin WA. Respiratory mechanics in COPD patients who failed non-invasive ventilation: role of intrinsic PEEP. *Respir Physiol Neurobiol*. 2012 Oct 15;184(1):35-40. doi: 10.1016/j.resp.2012.07.009. Epub 2012 Aug 2. PMID: 22877584.
42. 29: Antonaglia V, Ferluga M, Molino R, Lucangelo U, Peratoner A, Roman-Pognuz E, De Simoni L, Zin WA. Comparison of noninvasive ventilation by sequential use of mask and helmet versus mask in acute exacer- bation of chronic obstructive pulmonary disease: a preliminary study. *Respiration*. 2011;82(2):148-54. doi: 10.1159/000324259. Epub 2011 Mar 26. PMID: 21447934.
43. 30: The characteristics of patients with bilateral absent evoked potentials after post-anoxic brain damage: A multicentric cohort study. L Nobile, **E Roman-Pognuz**,- *Resuscitation*, 2020 <https://doi.org/10.1016/j.resu- scitation.2020.02.017>- Elsevier
44. 31: SSEP N20 amplitude as an early predictor of neurological outcome in cardiac arrest survivors treated with therapeutic hypothermia **E.RomanPognuz**, B.Penolazzi— OpenstarTs- EUT Edizioni Università di Tri- este TSPC2016: Proceedings of the Trieste Symposium on Perception and Cognition, November 4th 2016
45. 32: Clinical an EEG characteristics of patients with preserved cortical SSEPs after post-anoxic coma. L Nobile, E Roman-Pognuz et al. *Critical Care Medicine*, Dec 2016 - Vol. 44 - Issue 12 -p141
46. 33: Coronary angiography after rosc: is ECG without stemi still an open question? S Scapol, S Rakar, 2019 ... **E Roman-Pognuz**—2019 resuscitationjournal.com

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