

CURRICULUM VITAE

Name/Nome: Antonio Filippo Arcadipane

Birth Date/Data di nascita: 01.02.1967

Home Address/Indirizzo: Via Marchese Ugo, nr 30 - Palermo

Birth Place/ Luogo di nascita: Sommatino, CL Italy

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EDUCATION AND TRAINING/FORMAZIONE

Undergraduate/Diploma: 1980 – 1985 Diploma di Maturità Scientifica Liceo Scientifico “Alessandro Volta” - Caltanissetta Italy

Graduate/Laurea: 1985 – 1991 University of Palermo School of Medicine Palermo, Italy
M.D. Degree/voto: 110/110 cum laude

Post Graduate/Specializzazione: 1992 – 1996 Specialization in Anesthesiology and Critical Care Medicine
Krankenhaus Dresden Friedrichstadt with Prof.K.F Rothe

academic teaching hospital of the University of Dresden -
Germany

1993 – 1994 Emergency Medicine Certificate
Saechsiche Landesaertzekammer:
Krankenhaus Dresden-Neustadt, Dresden- Germany
Klinikum S. Georg, Leipzig- Germany

APPOINTMENTS AND POSITIONS

ACADEMIC

May 2000 – May 2003	Anesthesiology Instructor University of Pittsburgh Medical Center Department of Anesthesiology/Critical Care Medicine
May 2003 – May 2004	Adjunct Instructor in Anaesthesia Department of Anesthesiology University of Pittsburgh Medical Center
May 2004- Nov 2011	Assistant Professor in Anaesthesia of the Department of Anesthesiology University of Pittsburgh Medical Center
Jan 2005 – Present	Visiting Lecturer in Anaesthesia University of Palermo
Dec 2011 – Present	Visiting Clinical Associate Professor in Anaesthesia of the Department of Anesthesiology University of Pittsburgh Medical Center

NON ACADEMIC

1992 – 1996	Medical Resident in Anaesthesia and Critical Care, Krankenhaus Dresden Friedrichstadt, Dresden - Germany
1997 – 2000	Anesthesiologist and Critical Care Medicine Consultant “Villa Maria Eleonora” Hospital Cardio-Thoracic and Vascular Surgery Palermo, Italy
May 2000- May 2003	Attending Anesthesiologist and Critical Care Medicine Physician, ISMETT - Palermo Italy
June 2003 - Present	Chief of Anesthesia and Critical Care Medicine Department IRCCS-ISMETT, Palermo University of Pittsburgh Medical Center Italy (UPMC Italy)
Nov 2009- Present	Regional Referent for the National ECMO-net “Rete Respira”
March 2023- Present	Clinical Director IRCCS-ISMETT, Palermo

CERTIFICATION AND LICENSURE

1996	Diploma of Anesthesiology and Critical Care Medicine
1991	Italian Medical License
1992	German Medical License
1994	Saxony (Germany) Emergency Medicine Certification

Aug 2002 – Aug 2003

Institutional License from the State Board of Medicine of Pennsylvania

MEMBERSHIP IN PROFESSIONAL AND SCIENTIFIC SOCIETIES

1992-Present

Italian College of Physicians

1992 – 1996

Saechsische Landesaeztekammer (Germany)

1992 – 1996

German Society of Anesthesiology

2002- Present

Italian Society of Anesthesiology Analgesia Resuscitation and Critical Care Medicine (SIAARTI)

2016 – 2019

National Coordinator of Cardiothoracic and Vascular Surgery Anaesthesia study group of SIAARTI

June 2019 – 2020

Board Member of Cardiothoracic and Vascular Surgery Anaesthesia study group of SIAARTI

COURSES AND SPECIAL TRAINING ATTENDED

- **Ex Vivo Lung Perfusion Technique,**
University of Maryland – Nov. 2th-6th 2014, Baltimore (USA)
- **Organization activity of Anesthesia Department**
Presbyterian Hospital UPMC, October 2012 Pittsburgh PA. (USA)
- **Living Donor Lung Transplantation, Organization and Technique.**
Medical University of Kyoto, Jul.19th-23th 2011, Kyoto (Japan)

- **Organization activity of Anesthesia Department**
Presbyterian Hospital UPMC, May-June 2010 Pittsburgh PA. (USA)
- **Multi organ transplant activity, Anesthesia and Critical Care issues**
Presbyterian Hospital UPMC, April-June 2003 Pittsburgh PA. (USA)

PUBLICATIONS

- **Comparative outcomes of extracorporeal membrane oxygenation for COVID-19 delivered in experienced European centres during successive SARS-CoV-2 variant outbreaks (ECMO-SURGES): an international, multicentre, retrospective cohort study.**
Schmidt M, Hajage D, Landoll M, Pequignot B, Langouet E, Amalric M, Mekontso-Dessap A, Chiscano-Camon L, Surman K, Finnerty D, Santa-Teresa P, **Arcadipane A**, Millán P, Roncon-Albuquerque R Jr, Blandino-Ortiz A, Blanco-Schweizer P, Ricart P, Gimeno-Costa R, Albacete CL, Fortuna P, Schellongowski P, Dauwe D, Winiszewski H, Kimmoun A, Levy B, Hermans G, Grasselli G, Lebreton G, Guervilly C, Martucci G, Karagiannidis C, Riera J, Combes A; ECMO-SURGES Investigators. Lancet Respir Med. 2023 Feb;11(2):163-175. doi: 10.1016/S2213-2600(22)00438-6. Epub 2023 Jan 11.
- **Liberal or restrictive transfusion for VV ECMO - Authors' reply.**
Martucci G, Tanaka K, Tuzzolino F, Schmidt M, Brodie D, **Arcadipane A**. Lancet Respir Med. 2023 Mar;11(3):e21-e22. doi: 10.1016/S2213-2600(22)00478-7. Epub 2022 Dec 2.
- **Transfusion practice in patients receiving VV ECMO (PROTECMO): a prospective, multicentre, observational study.**
Martucci G, Schmidt M, Agerstrand C, Tabatabai A, Tuzzolino F, Giani M, Ramanan R, Grasselli G, Schellongowski P, Riera J, Hssain AA, Duburcq T, Gorjup V, De Pascale G, Buabbas S, Gannon WD, Jeon K, Trethowan B, Fanelli V, Chico JJ, Balik M, Broman LM, Pesenti A, Combes A, Ranieri MV, Foti G, Buscher H, Tanaka K, Lorusso R, **Arcadipane A**, Brodie D; International ECMO Network (ECMONet). Lancet Respir Med. 2023 Mar;11(3):245-255. doi: 10.1016/S2213-2600(22)00353-8. Epub 2022 Oct 11.
- **Enhanced recovery after minimally invasive esophagectomy: could bilateral erector spinae block be the answer?**

Capuano P, Burgio G, Martucci G, Scarlata M, Bonicolini E, Tancredi G, Toscano A, Bertani A, **Arcadipane A**. *Minerva Anesthesiol.* 2022 Nov 23. doi: 10.23736/S0375-9393.22.17035-5. Online ahead of print.

- **Nutrition during extracorporeal life support: A review of pathophysiological bases and application of guidelines.**
D'Alesio M, Martucci G, **Arcadipane A**, Lorusso R, Amrein K. *Artif Organs.* 2022 Jul;46(7):1240-1248. doi: 10.1111/aor.14215. Epub 2022 Mar 1. PMID: 35230717
- **The relationship between antithrombin administration and inflammation during veno-venous ECMO.**
Panigada M, Spinelli E, De Falco S, Consonni D, Novembrino C, Boscolo Anzoletti M, Panarello G, Occhipinti G, Dos Santos CC, Pesenti A, **Arcadipane A**, Grasselli G. *Sci Rep.* 2022 Aug 22;12(1):14284. doi: 10.1038/s41598-022-17227-7. PMID: 35995816
- **Resuscitation for moribund alpinists stranded at high altitudes: A stepwise approach including ECMO as a last resort strategy.**
Follis F, Martucci G, **Arcadipane A**, Follis M, Rajbanshi B, Lorusso R. *Artif Organs.* 2022 Aug;46(8):1459-1462. doi: 10.1111/aor.14320. Epub 2022 May 29. PMID: 35643844
- **Continuous Renal Replacement Therapy after Liver Transplantation: Peri Operative Associated Factors and Impact on Survival**
Martucci G, Rossetti M, Li Petri S, Alduino R, Volpes R, Panarello G, Gruttadauria S, Burgio G, **Arcadipane A**
. *J Clin Med.* 2022 Jun 30;11(13):3803. doi: 10.3390/jcm11133803. PMID:
- **Combined endoscopic treatments for tracheo-esophageal fistula developed during V-V ECMO for severe COVID-19: A case series.**
Granata A, Martucci G, Rizzo GEM, **Arcadipane A**, Traina M.
Artif Organs. 2022 Mar;46(3):506-508. doi: 10.1111/aor.14101. Epub 2021 Nov 9. PMID: 34755351.
- **Inferior vena cava surgical cannulation for infants needing veno-venous extracorporeal membrane oxygenation.**
Martucci G, di Francesco F, Panarello G, Piazza M, de Ville de Goyet J, **Arcadipane A**. *Perfusion.* 2022 Mar;37(2):128-133. doi: 10.1177/0267659120987089. Epub 2021 Jan 7. PMID: 33412989
- **Extracorporeal membrane oxygenation for COVID-19 and influenza H1N1 associated acute respiratory distress syndrome: a multicenter retrospective cohort study.**

Fanelli V, Giani M, Grasselli G, Mojoli F, Martucci G, Grazioli L, Alessandri F, Mongodi S, Sales G, Montrucchio G, Pizzi C, Richiardi L, Lorini L, **Arcadipane A**, Pesenti A, Foti G, Patroniti N, Brazzi L, Ranieri V.

Crit Care. 2022 Feb 5;26(1):34. doi: 10.1186/s13054-022-03906-4.

PMID: 35123562.

- **Endoscopic percutaneous drainage in a COVID-19 patient with iatrogenic gastric perforation.**

Granata A, Martucci G, Rizzo GEM, Ligresti D, **Arcadipane A**, Traina M.

Endoscopy. 2022 Feb 18. doi: 10.1055/a-1750-8990. Online ahead of print.

PMID: 35180790 No abstract available.

- **Hemoperfusion and blood purification strategies in patients with COVID-19: A systematic review.**

Sanfilippo F, Martucci G, La Via L, Cuttone G, Dimarco G, Pulizzi C, **Arcadipane A**, Astuto M. Artif Organs. 2021 Dec;45(12):1466-1476. doi: 10.1111/aor.14078. Epub 2021 Oct 10.

PMID: 34632596.

- **Atrial Septostomy for Left Ventricular Unloading During Extracorporeal Membrane Oxygenation for Cardiogenic Shock: Animal Model.**

Mlcek M, Meani P, Cotza M, Kowalewski M, Raffa GM, Kuriscak E, Popkova M, Pilato M, Arcadipane A, Ranucci M, Lorusso R, Belohlavek J.

JACC Cardiovasc Interv. 2021 Dec 27;14(24):2698-2707. doi: 10.1016/j.jcin.2021.09.011.

PMID: 34949394

- **Challenges in the Extracorporeal Membrane Oxygenation Era.**

Giani M, **Arcadipane A**, Martucci G.

Membranes (Basel). 2021 Oct 27;11(11):829. doi: 10.3390/membranes11110829.

PMID: 34832058.

- **Circulating miRNAs as Promising Biomarkers to Evaluate ECMO Treatment Responses in ARDS Patients.**

Martucci G, **Arcadipane A**, Tuzzolino F, Occhipinti G, Panarello G, Carcione C, Bertani A, Conaldi PG, Miceli V.

Membranes (Basel). 2021 Jul 22;11(8):551. doi: 10.3390/membranes11080551.

PMID: 34436314

- **Tracheostomy management in patients with severe acute respiratory distress syndrome receiving extracorporeal membrane oxygenation: an International Multicenter Retrospective Study.**

Schmidt M, Fisser C, Martucci G, Abrams D, Frapard T, Popugaev K, **Arcadipane A**, Bromberger B, Lino G, Serra A, Rozencwajg S, Lubnow M, Petrikov S, Mueller T, Combes A, Pham T, Brodie D; International ECMO Network (ECMONet).

Crit Care. 2021 Jul 7;25(1):238. doi: 10.1186/s13054-021-03649-8.

PMID: 34233748.

- **Management of intra-abdominal hypertension during ECMO: Total water-assisted colonoscopy as a step-up minimally invasive treatment, and a literature review.**

Martucci G, Amata M, di Francesco F, Traina M, **Arcadipane A**, Lorusso R, Granata A.

Endosc Int Open. 2021 Jun;9(6):E848-E852. doi: 10.1055/a-1399-8209. Epub 2021 May 27. PMID: 34079866

- **Apneic Tracheostomy in COVID-19 Patients on Veno-Venous Extracorporeal Membrane Oxygenation.**
Rossetti M, Vitiello C, Campitelli V, Cuffaro R, Bianco C, Martucci G, Panarello G, Pappalardo F, **Arcadipane A.**
Membranes (Basel). 2021 Jun 30;11(7):502. doi: 10.3390/membranes11070502. PMID: 34209380.
- **Vitamin D levels in liver transplantation recipients and early postoperative outcomes: Prospective observational DLiverX study.**
Martucci G, Volpes R, Panarello G, Tuzzolino F, Di Carlo D, Ricotta C, Gruttadauria S, Conaldi PG, Luca A, Amrein K, **Arcadipane A.**
Clin Nutr. 2021 Apr;40(4):2355-2363. doi: 10.1016/j.clnu.2020.10.027. Epub 2020 Oct 24. PMID: 33158589
- **ECMO Retrieval over the Mediterranean Sea: Extending Hospital Arms.**
Hildreth BA, Panarello G, Martucci G, Tuzzolino F, Piacentini A, Occhipinti G, Giunta A, Genco F, Raffa GM, Pilato M, Capitanio G, **Arcadipane A.**
Membranes (Basel). 2021 Mar 17;11(3):210. doi: 10.3390/membranes11030210. PMID: 33802762.
- **Endocrine Challenges in Patients with Continuous-Flow Left Ventricular Assist Devices.**
Martucci G, Pappalardo F, Subramanian H, Ingoglia G, Conoscenti E, Arcadipane A.
Nutrients. 2021 Mar 5;13(3):861. doi: 10.3390/nu13030861. PMID: 3380802
- **Prone Positioning during Venovenous Extracorporeal Membrane Oxygenation in Acute Respiratory Distress Syndrome. A Multicenter Cohort Study and Propensity-matched Analysis.**
Giani M, Martucci G, Madotto F, Belliato M, Fanelli V, Garofalo E, Forlini C, Lucchini A, Panarello G, Bottino N, Zanella A, Fossi F, Lissoni A, Peroni N, Brazzi L, Bellani G, Navalesi P, Arcadipane A, Pesenti A, Foti G, Grasselli G.
Ann Am Thorac Soc. 2021 Mar;18(3):495-501. doi: 10.1513/AnnalsATS.202006-625OC. PMID: 32941739
- **Inferior vena cava surgical cannulation for infants needing veno-venous extracorporeal membrane oxygenation.**
Martucci G, di Francesco F, Panarello G, Piazza M, de Ville de Goyet J, **Arcadipane A.**
Perfusion. 2021 Jan 7;267659120987089. doi: 10.1177/0267659120987089. Online ahead of print. PMID: 33412989
- **Donor Preconditioning with Inhaled Sevoflurane Mitigates the Effects of Ischemia-Reperfusion Injury in a Swine Model of Lung Transplantation.**
Bertani A, Miceli V, De Monte L, Occhipinti G, Pagano V, Liotta R, Badami E, Tuzzolino F, **Arcadipane A.**
Biomed Res Int. 2021 Jan 8;2021:6625955. doi: 10.1155/2021/6625955. eCollection 2021.

PMID: 33506025.

- **Post-crisis debriefing: A tool for improving quality in the medical emergency team system.**
Conoscenti E, Martucci G, Piazza M, Tuzzolino F, Ragonese B, Burgio G, Arena G, Blot S, Luca A, **Arcadipane A**, Chiaramonte G. Intensive Crit Care Nurs. 2021 Apr;63:102977. doi: 10.1016/j.iccn.2020.102977. Epub 2021 Jan 6. PMID: 33358133
- **Transaortic or Pulmonary Artery Drainage for Left Ventricular Unloading in Venoarterial Extracorporeal Life Support: A Porcine Cardiogenic Shock Model.**
Meani P, Mlcek M, Kowalewski M, Raffa GM, Popkova M, Pilato M, **Arcadipane A**, Belohlavek J, Lorusso R. Semin Thorac Cardiovasc Surg. 2021 Autumn;33(3):724-732. doi: 10.1053/j.semtcvs.2020.11.001. Epub
- **Identification of a Circulating miRNA Signature to Stratify Acute Respiratory Distress Syndrome Patients.**
Martucci G, **Arcadipane A**, Tuzzolino F, Occhipinti G, Panarello G, Carcione C, Bonicolini E, Vitiello C, Lorusso R, Conaldi PG, Miceli V.
J Pers Med. 2020 Dec 27;11(1):15. doi: 10.3390/jpm11010015.
PMID: 33375484
- **A Randomized Controlled Trial of Antithrombin Supplementation During Extracorporeal Membrane Oxygenation.**
Panigada M, Cucino A, Spinelli E, Occhipinti G, Panarello G, Novembrino C, Consonni D, Protti A, Lissoni A, Arcadipane A, Pesenti A, Grasselli G.
Crit Care Med. 2020 Nov;48(11):1636-1644. doi: 10.1097/CCM.0000000000004590.
PMID: 32947474 Clinical Trial.
- **A narrative review of antithrombin use during veno-venous extracorporeal membrane oxygenation in adults: rationale, current use, effects on anticoagulation, and outcomes.**
Piacente C, Martucci G, Miceli V, Pavone G, Papeo A, Occhipinti G, Panarello G, Lorusso R, Tanaka K, Arcadipane A.
Perfusion. 2020 Sep;35(6):452-464. doi: 10.1177/0267659120913803. Epub 2020 Mar 31.
PMID: 32228213 Review.
- **First-in-human high-density endo-epicardial mapping and ablation through left minithoracotomy in a patient with unstable ventricular tachycardia requiring ECMO.**
Conti S, Pilato M, **Arcadipane A**, Morsolini M, Turrisi M, Sgarito G.
HeartRhythm Case Rep. 2020 Apr 13;6(7):427-430. doi: 10.1016/j.hrcr.2020.04.003. eCollection 2020 Jul.
PMID: 32695593.
- **Left Ventricle Unloading with Veno-Arterial Extracorporeal Membrane Oxygenation for Cardiogenic Shock. Systematic Review and Meta-Analysis.**

Kowalewski M, Malvindi PG, Zieliński K, Martucci G, Słomka A, Suwalski P, Lorusso R, Meani P, **Arcadipane A**, Pilato M, Raffa GM.

J Clin Med. 2020 Apr 7;9(4):1039. doi: 10.3390/jcm9041039.

PMID: 32272721

- **The role of endoscopy as non-invasive procedure to manage gastrointestinal complications during extracorporeal membrane oxygenation.**
Amata M, Martucci G, Granata A, Tuzzolino F, Panarello G, Bianco C, Lorusso R, Traina M, **Arcadipane A**.
Perfusion. 2020 Nov;35(8):786-794. doi: 10.1177/0267659120909669. Epub 2020 Mar 10.
PMID: 32156186
- **Successful Extracorporeal Membrane Oxygenation Treatment in an Acquired Immune Deficiency Syndrome (AIDS) Patient with Acute Respiratory Distress Syndrome (ARDS) Complicating Pneumocystis jirovecii Pneumonia: A Challenging Case.**
Celesia BM, Marino A, Borracino S, **Arcadipane A**, Pantò G, Gussio M, Coniglio S, Pennisi A, Cacopardo B, Panarello G.
Am J Case Rep. 2020 Feb 26;21:e919570. doi: 10.12659/AJCR.919570.
PMID: 32098943
- **Use of a Combined Laryngo-Bronchoscopy Approach in Difficult Airways Management: A Pilot Simulation Study.**
Sanfilippo F, Sgalambro F, Chiaramonte G, Santonocito C, Burgio G, **Arcadipane A**, Turk J
Anaesthesiol Reanim. 2019 Dec;47(6):464-470. doi: 10.5152/TJAR.2019.99234. Epub 2019 Sep 2.
- **Crucial Role of Extended Criteria Donors in Deceased Donor Single Kidney Transplantation to Face Chronic Shortage in the Heart of the Mediterranean Basin: A Single-Center Experience.**
Bonsignore P, Pagano D, Piazza S, Ricotta C, di Francesco F, Cintorino D, Li Petri S, Canzonieri M, Tropea A, Calamia S, Checchini G, Salis P, **Arcadipane A**, Liotta R, Gruttadauria S.
Transplant Proc. 2019 Nov;51(9):2868-2872. doi: 10.1016/j.transproceed.2019.02.075. Epub 2019 Oct 9.
PMID: 31606187
- **Long-term functional and psychological recovery in a population of acute respiratory distress syndrome patients treated with VV-ECMO and in their caregivers.**
Sanfilippo F, Ippolito M, Santonocito C, Martucci G, Carollo T, Bertani A, Vitulo P, Pilato M, Panarello G, Giarratano A, **Arcadipane A**.
Minerva Anesthesiol. 2019 Sep;85(9):971-980. doi: 10.23736/S0375-9393.19.13095-7. Epub 2019 Jan 18.
PMID: 30665282
- **Anticoagulation and Transfusions Management in Veno-Venous Extracorporeal Membrane Oxygenation for Acute Respiratory Distress Syndrome: Assessment of Factors Associated With Transfusion Requirements and Mortality.**
Martucci G, Panarello G, Occhipinti G, Ferrazza V, Tuzzolino F, Bellavia D, Sanfilippo F, Santonocito C, Bertani A, Vitulo P, Pilato M, **Arcadipane A**.
J Intensive Care Med. 2019 Aug;34(8):630-639. doi: 10.1177/0885066617706339. Epub 2017 May 1.
PMID: 28460592

- **Epidemiology and successful containment of a carbapenem-resistant Enterobacteriaceae outbreak in a Southern Italian Transplant Institute.**
Mularoni A, Martucci G, Douradinha B, Campanella O, Hazen B, Medaglia A, Arena G, Gruttadauria S, Tuzzolino F, **Arcadipane A**, Gioè S, Luca A, Conaldi PG, Grossi P, Gridelli B. *Transpl Infect Dis*. 2019 Aug;21(4):e13119. doi: 10.1111/tid.13119. Epub 2019 Jun 11. PMID: 31112353
- **In-hospital outcomes after emergency or prophylactic veno-arterial extracorporeal membrane oxygenation during transcatheter aortic valve implantation: a comprehensive review of the literature.**
Raffa GM, Kowalewski M, Meani P, Follis F, Martucci G, **Arcadipane A**, Pilato M, Maessen J, Lorusso R; ECMO in TAVI Investigators Group (ETIG). *Perfusion*. 2019 Jul;34(5):354-363. doi: 10.1177/0267659118816555. Epub 2019 Jan 11. PMID: 30632894
- **Limb ischemia in peripheral veno-arterial extracorporeal membrane oxygenation: a narrative review of incidence, prevention, monitoring, and treatment.**
Bonicolini E, Martucci G, Simons J, Raffa GM, Spina C, Coco VL, Arcadipane A, Pilato M, Lorusso R. *Crit Care*. 2019 Jul 30;23(1):266. doi: 10.1186/s13054-019-2541-3. PMID: 31362770 **Free PMC article**. Review.
- **Antithrombin supplementation during extracorporeal membrane oxygenation: study protocol for a pilot randomized clinical trial.**
Panigada M, Spinelli E, Cucino A, Cipriani E, De Falco S, Panarello G, Occhipinti G, **Arcadipane A**, Sales G, Fanelli V, Brazzi L, Novembrino C, Consonni D, Pesenti A, Grasselli G. *Trials*. 2019 Jun 11;20(1):349. doi: 10.1186/s13063-019-3386-4.
- **Trying to identify who may benefit most from future vitamin D intervention trials: a post hoc analysis from the VITDAL-ICU study excluding the early deaths.**
Martucci G, McNally D, Parekh D, Zajic P, Tuzzolino F, **Arcadipane A**, Christopher KB, Dobnig H, Amrein K. *Crit Care*. 2019 Jun 4;23(1):200. doi: 10.1186/s13054-019-2472-z.
- **Mechanical Ventilation Management during ECMO for ARDS: An International Multicenter Prospective Cohort.**
Schmidt M, Pham T, **Arcadipane A**, Agerstrand C, Ohshimo S, Pellegrino V, Vuylsteke A, Guervilly C, McGuinness S, Pierard S, Breeding J, Stewart C, Ching SSW, Camuso JM, Stephens RS, King B, Herr D, Schultz MJ, Neuville M, Zogheib E, Mira JP, Rozé H, Pierrot M, Tobin A, Hodgson C, Chevret S, Brodie D, Combes A; International ECMO Network (ECMONet), and the LIFEGARDS Study Group. *Am J Respir Crit Care Med*. 2019 May 30. doi: 10.1164/rccm.201806-1094OC.
- **Epidemiology and successful containment of a carbapenem-resistant Enterobacteriaceae outbreak in a Southern Italian Transplant Institute.**

Mularoni A, Martucci G, Douradinha B, Campanella O, Hazen B, Medaglia A, Arena G, Gruttadauria S, Tuzzolino F, **Arcadipane A**, Gioè S, Luca A, Conaldi PG, Grossi P, Gridelli B. *Transpl Infect Dis*. 2019 May 21:e13119. doi: 10.1111/tid.13119.

- **Hemoglobin trigger and approach to red blood cell transfusions during veno-venous extracorporeal membrane oxygenation: the international TRAIN-ECMO survey.**
Martucci G, Grasselli G, Tanaka K, Tuzzolino F, Panarello G, Schmidt M, Bellani G, **Arcadipane A**. *Perfusion*. 2019 Apr;34(1_suppl):39-48. doi: 10.1177/0267659119830526.
- **Neurological complications after cardiac surgery: a retrospective case-control study of risk factors and outcome.**
Raffa GM, Agnello F, Occhipinti G, Miraglia R, Lo Re V, Marrone G, Tuzzolino F, **Arcadipane A**, Pilato M, Luca A. *J Cardiothorac Surg*. 2019 Jan 25;14(1):23. doi: 10.1186/s13019-019-0844-8.
- **Meta-Analysis of Peripheral or Central Extracorporeal Membrane Oxygenation in Postcardiotomy and Non-Postcardiotomy Shock.**
Raffa GM, Kowalewski M, Brodie D, Ogino M, Whitman G, Meani P, Pilato M, **Arcadipane A**, Delnoij T, Natour E, Gelsomino S, Maessen J, Lorusso R. *Ann Thorac Surg*. 2019 Jan;107(1):311-321. doi: 10.1016/j.athoracsur.2018.05.063. Epub 2018 Jun 28.
PMID: 29959943 Review.
- **Long-term functional and psychological recovery in a population of ARDS patients treated with VV-ECMO and in their caregivers.**
Sanfilippo F, Ippolito M, Santonocito C, Martucci G, Carollo T, Bertani A, Vitulo P, Pilato M, Panarello G, Giarratano A, **Arcadipane A**. *Minerva Anesthesiol*. 2019 Jan 18. doi: 10.23736/S0375-9393.19.13095-7
- **In-hospital outcomes after emergency or prophylactic veno-arterial extracorporeal membrane oxygenation during transcatheter aortic valve implantation: a comprehensive review of the literature.**
Raffa GM, Kowalewski M, Meani P, Follis F, Martucci G, **Arcadipane A**, Pilato M, Maessen J, Lorusso R; ECMO in TAVI Investigators Group (ETIG). *Perfusion*. 2019 Jan 11;267659118816555. doi: 10.1177/0267659118816555.
- **Impact of cannula design on packed red blood cell transfusions: technical advancement to improve outcomes in extracorporeal membrane oxygenation.**
Martucci G, Panarello G, Occhipinti G, Raffa G, Tuzzolino F, Capitanio G, Carollo T, Lino G, Bertani A, Vitulo P, Pilato M, Lorusso R, **Arcadipane A**. *J Thorac Dis*. 2018 Oct;10(10):5813-5821. doi: 10.21037/jtd.2018.09.119.
- **Management of abdominal compartment syndrome during extracorporeal membrane oxygenation: water-assisted colonoscopy as early emergency treatment.**
Martucci G, Granata A, Traina M, di Francesco F, Gruttadauria S, Panarello G, **Arcadipane A**. *Minerva Anesthesiol*. 2018 Sep;84(9):1108-1109. doi: 10.23736/S0375-9393.18.12677-0. Epub 2018 Apr 12.
PMID: 29648415

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- **Ischemia Reperfusion Injury In Orthotopic Liver Transplantation: Methylene Blue, Hemodynamic Changes And Graft Function.** G. Burgio, S. Nadalin, C. Muratore, G. Panarello, S. Clarizia, G. Vizzini, **A. Arcadipane**. 58th National SIAARTI Congress September 2004. Genova.
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- **Trattamenti Con Mars: Quattro Anni di Esperienza all'Ismett.**
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- **Comparison Of Two Different Techniques In Hepatic Parenchymal Transection**
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- **Trombosi Della Vena Porta ed Alterazioni Congenite Della Coagulazione In Pazienti Candidati al Trapianto di Fegato.**
Cassarà A., Bonaccorso R., D'Alia G., De Francisci G., Giancana A., Giancana B., Mazzola A., Nuara G., Agllastro R., **Arcadipane A.**, Panarello G., Marino I.R., Scott V.
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BOOK CHAPTERS

- **Developping a new ECMO program.** In: ECMO-Extracorporeal life support in Adults. Eds.Sangalli,F. Patroniti,N. Pesenti,A. Springer, 2014:11-18.
- **Air Transport: Fixed-Wing and Helicopter.** In: ECMO-Extracorporeal life support in Adults. Eds.Sangalli,F. Patroniti,N. Pesenti,A. Springer, 2014:445-453.

ATTEND IN CONFERENCES AND WORKSHOPS AS INVITED LECTURER

- **1st International Conference DONARTE 2022**
“Experinces and challenges from a Mediterranean Transplant center”
Messina 1-2 Ottobre 2022
- **ESTSJ Italian Chapter Meeting**
“Anesthesiologists’ Perspective”
Roma, 28 Maggio 2022
- **7th Mediterranean Transplantation Anesthesiology and Simulation Symposium”**
Palermo, 29-30 Aprile 2022
- **6° Congresso Nazionale ITACTA**
“Pro-Cons: Severa disfunzione sistolica”
Bologna, 3-4 Marzo 2022
- **ICARE – 73° Congresso Nazionale SIAARTI**
“ECMO nel ridge al trapianto”
Roma, 15-18 Ottobre 2019
- **30° SMART**
“ECMO complications other than Bleeding”
Milano, 9 Maggio 2019
- **8th EuroElso Congress 2019**
“Desaturation on VV ECMO does not matter: Con”
“ECMO in obese”
Barcellona, 10-13 Aprile 2019

- **18° Congresso Nazionale CARACT 2019**
“Trattamento dell’insufficienza ventricolare destra”
“ECMO in cardiogenic shock. State of the Art”
Roma, 29 Marzo 2019
- **Wedge 2019**
“Shock Cardiogeno: le diverse strategie terapeutiche – Stato dell’arte”
Cuneo, 8-8 Marzo 2019
- **Sharing experience in PAH**
“La gestione del paziente critico con ipertensione polmonare”
Bari, 30 Nov- 1 Dic 2018
- **XXVI Simposio Meridionale di Anestesia e Rianimazione: Update 2018**
“ECMO: Quando chiamo e chi chiamo”
Catanzaro, 20-21 Novembre 2018
- **72° Congresso Nazionale SIAARTI**
“Contropulsatore aortico (IABP) PRO VS CON”
Palermo, 10-13 ottobre 2018
- **Corsi di formazione in area critica: ECMO e donazione di organi a cuore fermo**
“L’insufficienza respiratoria: dal ventilatore all’ECMO”
CRT Sicilia, Palermo 21-22 Giugno 2018
- **I Congresso Nazionale Percorsi e Traguardi in Anestesia, Rianimazione e Terapia del Dolore**
“La gestione dell’ipossiemia con e senza extracorporeal membrane oxygenation”
Napoli 14-15 giugno 2018
- **International Congress Management of Heart Failure: current challenges and future perspectives**
“ECMO VA in cardiogenic shock, state-of-art”
7-9 Giugno 2018 Palermo
- **EuroElso 2018 7th Congress on ECMO-ECLS**
“Lung Transplantation from ECMO: Maybe”
23-26 maggio 2018 – Praga
- **71° Congresso Nazionale SIAARTI**
“Weaning dal CPB. Supporto Inotropo e IABP/ECMO”
19-21 Ottobre 2017 Rimini

- **Tuscany Critical Care Group: Cosa è cambiato in: Anestesia, Terapia Intensiva, Terapia del Dolore**
“Fluidoterapia”
“Decap”
3-4 Ottobre 2017 Palermo, Firenze
- **Joint Meeting MEDTASS-CARACT**
“Does the transfer of the high risk patients improve the outcome?”
6-8 April 2017 Palermo
- **3° Congresso Nazionale ITACTA**
“Indicazioni e limiti nello shock cardiogeno”
9-10 2017 Marzo - Bologna
- **2° Congresso Nazionale ITACTA**
“ VA ECMO, quando serve e quando no”
20 Aprile 2016 Milano
- **III Workshop Regionale Siciliano sulla ipertensione polmonare**
“Hot Topics: IP e Gravidanza”
2-3 Dicembre 2016 – Palermo
- **70° Congresso Nazionale Società Italiana Anestesia Analgesia Rianimazione e Terapia Intensiva – SIAARTI**
“Gestione dei fluidi ed emodinamica perioperatoria nel paziente ad alto rischio”
“ Ultra fast track in Cardio-Anestesia: quali vantaggi?”
26-29 Ottobre 2016 Napoli
- **69° Congresso Nazionale Società Italiana Anestesia Analgesia Rianimazione e Terapia Intensiva – SIAARTI**
“Il paziente in trattamento con farmaci anti aritmici”
14-17 Ottobre 2015 Bologna
- **Congresso Nazionale Caract 2015,**
“...e se il destro va male io metto: ECMO Vs RVAD”
7-8 Ottobre 2015, Milano
- **26° SMART Congress**
“ECMO on helicopter”
27-29 Maggio 2015 Milano

- **HEMS 2015 VI Edizione**
“Il trasporto del paziente in ECMO, l’esperienza della Regione Sicilia”
14-16 Maggio 2015 Aeroporto Cinquale di Massa
- **ECMO Expert Meeting**
“ECMO nel paziente a forte rischio emorragico”
16-18 Aprile 2015 Pavia
- **ROMA ANESTESIA XI Incontro Romano di Cardioanestesia**
“Il Trasporto del paziente in ECMO”
26-28 Novembre 2014, Roma
- **VIII Congresso del Capitolo Italiano dell’HPBA**
“Up to date nel management anestesilogico ed interventistico nel trapianto di Fegato”
6-7 November 2014, Catania
- **MTN Annual Meeting 2014**
“Tele ICU”
July 31th 2014, Beirut – Lebanon
- **Congreso Nazionale CARACT 2014**
“Fluid Responsivness in sala Operatoria”
13 Giugno 2014, Assisi
- **10° Congresso Nazionale SIARED**
“ The Role of ECMO in the post H1N1 Era”
12-14 Maggio 2014, Catania
- **MEDiT Healt Innovation**
“TELE-ICU, la telemedicina arriva in terapia intensiva
L’esperienza Siciliana dell’ISMETT”
10- 13 Aprile 2013 Vicenza
- **Ruolo dell’ECMO nell’Insufficienza respiratoria severa**
A.R.N.A.S. Osp. Civico e Benfratelli G.Di Cristina e M. Ascoli.
4 Dicembre 2013, Palermo
- **Master Class in Thoracic Surgery**
Astana Trauma Hospithal
Oct. 29th-Nov.1th 2013, Astana-Kazakhstan
- **Congresso Nazionale SIAARTI 2013**
“Surgery is over, where my patient shuold be transferred?”

16-19 Ottobre 2013, Roma

- **Congresso Nazionale SIAARTI 2012**
“Ruolo dell’ECMO nell’insufficienza cardiorespiratoria”
24 -27 Ottobre 2012, Napoli
- **STAR-ARENA**
“ECMO supporto cardiaco”
18-20 Aprile 2012, Roma
- **XVII Congresso Italiano della Fibrosi Cistica VII Congresso Nazionale della Società Italiana per lo Studio della Fibrosi Cistica**
“Come trasportare il paziente critico con fibrosi cistica”
23-25 Novembre 2011, Tirrenia Pisa
- **Congresso Nazionale CARACT 2011**
“Cardiochirurgia Mininvasiva panel discussion”
“ECMO supporto cardiaco”
3-5 Novembre 2011, Roma
- **Congresso Nazionale SIAARTI 2011**
“Problemi Metabolici perioperatori nella chirurgia maggiore”
“ECMO supporto parziale”
5-8 Ottobre 2011, Torino
- **Workshop dell’anestesia nei Trapianti**
“Update sul Trapianto di Fegato da donatore vivente”
25 Giugno 2011, Padova
- **Smart Congress 2011**
“L’ECMOnet italiano: esperienza ISMETT”
25-27 Maggio 2011, Milano
- **2nd Update in Critical Care & Emergency Medicine – 1st HSR Proceedings Annual Conference**
Lung & Heart: Protective Ventilation & Extracorporeal Supports
“Preparing for cannulation before transfer”
S. Raffaele 6-7 Maggio 2011, Milano
- **Dialogues On Anestesia And Intensive Care**
“ECMO e Tecniche mininvasive”

10-12 Novembre 2010, Napoli

- **XXIII A.P.I.C.E.**
“ECMO in chirurgia toracica”
6 Novembre 2010, Catania
- **Congresso Nazionale SIAARTI 2010**
“Small for Size Syndrome in living Donor Liver Transplant”
13-16 Ottobre 2010 Parma
- **Update nel trattamento del malato cardopatico in anestesia e Rianimaione CEFPASS**
“La stratificazione del paziente a rischio. Il punto di vista dell’anestesisa”
16-17 Settembre, Caltanissetta
- **Workshop dell’anestesia nei Trapianti**
“La small for size nel living donor”
26 Giugno 2010, Bologna
- **Committee for European Education in Anesthesiology (CEEA)**
“ECMO in situazioni critiche”
18-20 Giugno 2010, Catnaia
- **VII Meeting Mediterraneo di Formazione e Aggiornamento sugli interventi in Terapia Intensiva.**
“L’H1N1:incontri ravvicinati in ICU- le dimensioni del problema in Italia”
20-22 Maggio 2010, Palermo
- **Aspetti Anestesiologici e Rianimatori del paziente sottoposto a Trapianto Epatico, II Edizione**
“Anesthesia In Living Donor Liver Transplantation”
27 Giugno 2008, Udine
- **Liver Anesthesia and Intensive Care, 9th International Meeting**
“The Recipient With Portal Vein Thrombosis And/Or Previous Surgery”
28-30 Novembre 2008, Modena
- **Anestesia e Rianimazione nei Trapianti d’Organo**
“Trapianto Di Fegato Da Vivente”
Bologna Policlinico S.Orsola, 16 Giugno 2007, Bologna
- **Societa’ Italiana Trapianti D’Organo (SITO)**
“Anesthesia In Living Donor Liver Transplantation”
30 Novembre 2 Dicembre 2006, Padova

- **Corso per Coordinatori Locali: Il prelievo e il trapianto di organi e tessuti**
“Il Prelievo e il Trapianto Degli Organi e Tessuti: La Gestione Anestesiologica”
27-29 Settembre 2006, Isnello (PA)
- **III Meeting di Formazione e Aggiornamento sugli interventi in Terapia intensiva**
“Il Trapianto Di Fegato, Problematiche Anestesiologiche”
28-30 Maggio 2006, CALAMPISO (TP)
- **Mediterranean School of Critical Care Medicine – Working Group 3rd Preliminary Meeting at CEFPAS**
“Prevention And Management Of Infections In Transplantation”
19-20 Settembre 2005. Caltanissetta
- **II Meeting di formazione e aggiornamento sugli interventi in terapia intensiva**
“Il Paziente Trapiantato e la Sepsis: Prevenzione Trattamento”
Maggio 2005 - Calampiso Trapani
- **I Problemi Metabolici in Anestesiologia e Terapia Intensiva**
CEFPAS
“Anestesia nel Paziente con insufficienza renale cronica”
29 Novembre - 1 Dicembre 2005, Caltanissetta.
- **Anaesthesia Pain Intensive Care and Emergency Medicine – A.P.I.C.E.**
“Intraoperative Intensive Manoeuvres Strategies During Liver Transplant”
12-15 Novembre 2004, Trieste
- **Riunione monotematica “Immunonutrizione tra mito e realtà”**
(Società Italiana di Nutrizione Parenterale ed Enterale)
“Immunonutrition in Liver Transplantation ISMETT experience”
11-13 Novembre 2004, Palermo
- **XVII SITI Congress (Italian Society of Intensive Care)**
“The Artificial Liver”
25-27 Settembre 2003, Palermo.

ACCADEMIC TEACHING ACTIVITY

- **Lectures in Anesthesia and Critical Care in Transplant Issue and Extracorporeal Organ support technique**
for Residents in Anesthesia and Critical Care Medicine, 2005-present, University of Palermo

- From 2003 to present responsible of the **ISMETT Educational Program for Anesthesiology and CCM fellows**
- From 2005- present, responsible of the ISMETT-UPMC **Anesthesia and Critical Care Resident Rotation program from Universities of Palermo, Messina and Catania.**
- From 2009 – present, responsible of the **CA3 Anesthesia Resident Rotation program from university of Pittsburgh – ACGME accredited**
- From 2012 - 2020, **Lectures 1th degree Master in Critical Nursing Area**

COMMITTEE

- Member of Heads of Departments Committee at ISMETT - UPMC Italy (from 2003 to present).
- Member of Scientific Committee at ISMETT (from 2007 to 2016).
- Member of Institutional Research Review Board at ISMETT (from 2007 to 2016)
- Member of Policy and Procedure Committee at ISMETT (from 2008 to present)
- Member of Medical Supply Committee at ISMETT (2009 - 2011)
- Member of The Infection Control Committee (CIO) at ISMETT (from 2009 - present)
- Member of ISMETT IT Steering Committee (from 2011).
- Member of JCI Internal Compliance Committee at ISMETT (from 2012- to present).
- Member of Total council on Quality and Patient Safety Committee at ISMETT (from 2012-to 2016).
- Co-Director of the Therapeutic and Medical Supply Committee at ISMETT (from 2012 - to May 2015)
- Co-Director of TAC Committee at ISMETT (from May 2015 –to 2016)

Clinical Activity

Expert in:

- Cardio –Vascular anesthesia and critical care
- Solid organ transplant anesthesia (liver, lung, heart and kidney)
- ECLS activity including out of hospital rescue team
- Critical Care management of solid organ transplant patients (liver, lung, heart and kidney)

FIELD OF INTEREST AND AREA OF RESEARCH

- Extracorporeal support for the failing organs
- Protection of Ischemia and reperfusion injury
- Optimization of anesthesia technique in organ transplantation
- Telemedicine (Tele ICU)

DIRECTOR OR CO-DIRECTOR OF CONFERENCES AND COURSES

- **VII Mediterranean Transplantation Anesthesiology and Simulation Symposium, MedTASS**
Palermo, 29-30 Aprile 2022
- **VI Mediterranean Transplantation Anesthesiology and Simulation Symposium, MedTASS**
Palermo, 5-6 Aprile 2019
- **Joint Mediterranean Transplantation Anesthesiology and Simulation Symposium, V Medtass –Caract**
Palermo, April 6th-8th 2017
- **IV Mediterranean Transplantation Anesthesiology and Simulation Symposium, MedTASS**
Palermo, May 8th- 9th 2015
- **III Mediterranean Transplantation Anesthesiology and Simulation Symposium, MedTASS**
Palermo April -12th -13th 2013
- **II Mediterranean Transplantation Anesthesiology and Simulation Symposium, MedTASS**
Palermo April 27th-30th 2011
- **I Mediterranean Transplantation Anesthesiology and Simulation Symposium, MedTASS** Palermo April 17th-19th 2009
- **Intubazione Difficile**
Corso teorico pratico tutorial per 20 anestesisti

ISMETT, A.R.N.A.S. Osp. Civico e Benfratelli G.Di Cristina e M. Ascoli.
12 Febbraio 2004

- **Intubazione Difficile**

Corso teorico pratico tutorial per 20 anestesisti

ISMETT, A.R.N.A.S. Osp. Civico e Benfratelli G.Di Cristina e M. Ascoli.
10 dicembre 2003

- **Evaluation, Assistance And Management Of The Patient In The Pacu**

XVII SITI Congress (Italian Society of Intensive Care) Palermo, 25 / 27 September 2003 -
Tutorial course for nurses.

- **The Difficult Airway Management According The ASA Guideline**

Tutorial for 30 anesthesiologistsXVII SITI Congress (Italian Society of Intensive Care)
Palermo 25 / 27 September 2003

Palermo, li 24.03.2023



Antonio Filippo Arcadipane, MD

