

UNIVERSITÀ DEGLI STUDI DI MILANO

Procedura di selezione per la chiamata a professore di II fascia da ricoprire ai sensi dell'art. 18, commi 1 e 4, della Legge n. 240/2010 per il settore concorsuale 06/L1 - Anestesiologia,
(settore scientifico-disciplinare MED/41 - Anestesiologia)
presso il Dipartimento di SCIENZE BIOMEDICHE E CLINICHE "L. SACCO", Codice concorso 4932

Nicola Massimo Disma

CURRICULUM VITAE

INFORMAZIONI PERSONALI (NON INSERIRE INDIRIZZO PRIVATO E TELEFONO FISSO O CELLULARE)

COGNOME	DISMA
NOME	NICOLA MASSIMO
DATA DI NASCITA	15 gennaio 1972

TITOLI

TITOLO DI STUDIO

Laurea	Medicina e Chirurgia
Presso	Università degli Studi di Catania
Data	25-07-1997
Voto	110/110 e lode

Abilitazione	Esercizio della professione di medico chirurgo
Presso	Università degli Studi di Catania
Data	I sessione 1998

Registrazione ordini professionali

Italia	Ordine dei Medici della Provincia di Catania. Dal 25-06-1998. Registrazione n.11572
Regno Unito	Full Registration British Medical Council. Registration No. 4667609

TITOLO DI DOTTORE DI RICERCA O EQUIVALENTI, OVVERO, PER I SETTORI INTERESSATI, DEL DIPLOMA DI SPECIALIZZAZIONE MEDICA O EQUIVALENTE, CONSEGUITO IN ITALIA O ALL'ESTERO

Specializzazione	Anestesia e Rianimazione
Data	20-10-2001
Sede	Università degli Studi di Catania, Ai sensi del 257/1991 durata anni 4

Specializzazione	Pediatria
Data	09-07-2014
Sede	Università degli Studi di Catania, Ai sensi del 368/1999 durata anni 5

ALTRI TITOLI CONSEGUITI

Master universitario	Master universitario di II livello in "Direzione e <i>Management delle Aziende Sanitarie</i> "
Ente	Università Lum Jean Monnet

Data conseguimento	24-03-2020
Master	Master I livello in Biostatistica
Ente	Università degli Studi di Padova
Data conseguimento	27-09-2021

ATTIVITÀ DIDATTICA

INSEGNAMENTI E MODULI

Titolo e AA	Senior Lecturer - 2017/2018 – 2018/2019
Università	University College London (UCL)
N. ore/CFU	2 ore/settimana
Titolo e AA	Coordinatore Master in Anestesia e Rianimazione Pediatrica – 2016/2017 – 2017/2018
Università	Università degli studi di Brescia, Direttore Prof. Nicola Latronico
N. ore/CFU	24 ore
Titolo e AA	Docente Anestesia Pediatrica, AA 2020/2021 – 2021/2022
Università	Scuola di Specializzazione Chirurgia Pediatrica, Università degli studi di Genova
N. ore/CFU	6
Titolo e AA	Docente Anestesia Pediatrica e Consiglio Scuola di Specializzazione
Università	Scuola di Specializzazione Anestesia e Rianimazione, Università degli studi di Genova
N. ore/CFU	8

ATTIVITÀ DI DIDATTICA INTEGRATIVA E DI SERVIZIO AGLI STUDENTI

ATTIVITÀ DI RELATORE DI ELABORATI DI LAUREA, DI TESI DI LAUREA MAGISTRALE, DI TESI DI DOTTORATO E DI TESI DI SPECIALIZZAZIONE

(inserire anno accademico, ateneo, corso laurea, ecc.)

Anno accademico	2020/2021
Ateneo	Università Vita-Salute San Raffaele
Specializzazione	Anestesia e Rianimazione
Titolo tesi	Analisi ad interim studio multicentrico TREX

Anno accademico	2020/2021
Ateneo	Università degli Studi di Catania
Specializzazione	Anestesia e Rianimazione
Titolo tesi	Laringoscopia Standard vs Videolaringoscopia in età Pediatrica

Anno accademico	2018/2019
Ateneo	Università Degli Studi di Genova
Specializzazione	Anestesia e Rianimazione
Titolo tesi	Clonidina nell'anestesia neuroassiale pediatrica. Studio dose risposta.

Anno accademico	2021/2022
Ateneo	Università Degli Studi di Genova
Laurea	Medicina e Chirurgia

Titolo tesi	Anestesia pediatrica ed EEG
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ATTIVITÀ DI TUTORATO DEGLI STUDENTI DI CORSI DI LAUREA E DI LAUREA MAGISTRALE E DI TUTORATO DI DOTTORANDI DI RICERCA

Anno accademico	Dal 20218 a tutt'oggi
Ateneo	Università Degli Studi di Genova
Ruolo	Coordinatore didattica e formazione medici specializzandi e dottorandi in Anestesia e Rianimazione presso Istituto Giannina Gaslini

ATTIVITÀ DI RICERCA SCIENTIFICA

PUBBLICAZIONI SCIENTIFICHE

- 1: Riva T, Pascolo F, Huber M, Theiler L, Greif R, Disma N, Fuchs A, Berger-Estilita J, Riedel T. Evaluation of atelectasis using electrical impedance tomography during procedural deep sedation for MRI in small children: A prospective observational trial. *J Clin Anesth.* 2022 May;77:110626. doi: 10.1016/j.jclinane.2021.110626. Epub 2021 Dec 10. PMID: 34902800.
- 2: Frykholm P, Disma N, Andersson H, Beck C, Bouvet L, Cercueil E, Elliott E, Hofmann J, Isserman R, Klaukane A, Kuhn F, de Queiroz Siqueira M, Rosen D, Rudolph D, Schmidt AR, Schmitz A, Stocki D, Sümpelmann R, Stricker PA, Thomas M, Veyckemans F, Afshari A. Pre-operative fasting in children: A guideline from the European Society of Anaesthesiology and Intensive Care. *Eur J Anaesthesiol.* 2022 Jan 1;39(1):4-25. doi: 10.1097/EJA.0000000000001599. PMID: 34857683.
- 3: Frykholm P, Disma N, Kranke P, Afshari A. The rationale for the recommendations of the European Paediatric Fasting Guideline: Improving paediatric anaesthesia and perioperative medicine. *Eur J Anaesthesiol.* 2022 Jan 1;39(1):1-3. doi: 10.1097/EJA.0000000000001587. PMID: 34857682.
- 4: Afshari A, Disma N, von Ungern-Sternberg BS, Matava C. COVID-19 implications for pediatric anesthesia: Lessons learnt and how to prepare for the next pandemic. *Paediatr Anaesth.* 2022 Feb;32(2):385-390. doi: 10.1111/pan.14347. Epub 2021 Dec 5. PMID: 34850493.
- 5: Fuchs A, Disma N, Virág K, Ulmer F, Habre W, de Graaff JC, Riva T; NECTARINE Group of the European Society of Anaesthesiology and Intensive Care Clinical Trial Network. Peri-operative red blood cell transfusion in neonates and infants: NEonate and children audiT of anaesthesia pRactice IN Europe: A prospective European multicentre observational study. *Eur J Anaesthesiol.* 2021 Nov 29. doi: 10.1097/EJA.0000000000001646. Epub ahead of print. PMID: 34845167.
- 6: Disma N, Absalom AR. PEACHY, another fruitful study. *Br J Anaesth.* 2021 Dec;127(6):828-830. doi: 10.1016/j.bja.2021.09.007. Epub 2021 Oct 5. PMID: 34620501.
- 7: Disma N, Engelhardt T, Hansen TG. Neonatal tracheal intubation: From art to evidence. *Eur J Anaesthesiol.* 2021 Nov 1;38(11):1109-1110. doi: 10.1097/EJA.0000000000001594. PMID: 34617918.
- 8: Disma N, Frykholm P, Cook-Sather SD, Lerman J. Pro-Con Debate: 1- vs 2-Hour Fast for Clear Liquids Before Anesthesia in Children. *Anesth Analg.* 2021 Sep 1;133(3):581-591. doi: 10.1213/ANE.0000000000005589. PMID: 34403386.
- 9: Stein ML, Park RS, Afshari A, Disma N, Fiadjoe JE, Matava CT, McNarry AF, von Ungern-Sternberg BS, Kovatsis PG, Peyton JM. Lessons from COVID-19: A reflection on the strengths and weakness of early consensus recommendations for pediatric difficult airway management during a respiratory viral pandemic using a modified Delphi method. *Paediatr Anaesth.* 2021 Oct;31(10):1074-1088. doi: 10.1111/pan.14272. Epub 2021 Aug 26. PMID: 34387013.
- 10: Bonfiglio R, Kotzeva S, Disma N, Wolfler A. Erector spinae block for video-assisted thoracoscopy in a patient with Duchene dystrophy and a prior posterior spinal fusion: A case report. *J Clin Anesth.* 2021 Dec;75:110445. doi: 10.1016/j.jclinane.2021.110445. Epub 2021 Jul 24. PMID: 34314907.
- 11: Grasso C, Marchesini V, Disma N. Applications and Limitations of Neuro-Monitoring in Paediatric Anaesthesia and Intravenous Anaesthesia: A Narrative Review. *J Clin Med.* 2021 Jun 15;10(12):2639. doi: 10.3390/jcm10122639. PMID: 34203942; PMCID: PMC8232784.
- 12: Disma N, Virag K, Riva T, Kaufmann J, Engelhardt T, Habre W; NECTARINE Group of the European Society of Anaesthesiology Clinical Trial Network; 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: Habre W, Disma N. A decade later, there are still major issues to be addressed in paediatric anaesthesia. *Curr Opin Anaesthesiol.* 2021 Jun 1;34(3):271-275. doi: 10.1097/ACO.0000000000000990. PMID: 33935174.

- 14: Tan JM, Disma N, Matava CT. Coronavirus disease 2019 and pediatric anesthesia. *Curr Opin Anaesthesiol.* 2021 Jun 1;34(3):292-298. doi: 10.1097/ACO.0000000000001000. PMID: 33927130.
- 15: 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; 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.
- 16: Disma N, Virag K, Riva T, Kaufmann J, Engelhardt T, Habre W; NECTARINE Group of the European Society of Anaesthesiology Clinical Trial Network; 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.
- 17: Soneru CN, Fernandez AM, Bradford V, Staffa SJ, Raman VT, Cravero J, Zurakowski D, Meier PM; Pediatric Anesthesia COVID-19 Collaborative. A survey of the global impact of COVID-19 on the practice of pediatric anesthesia: A study from the pediatric anesthesia COVID-19 Collaborative Group. *Paediatr Anaesth.* 2021 Jun;31(6):720-729. doi: 10.1111/pan.14174. Epub 2021 May 3. PMID: 33687737; PMCID: PMC8250770.
- 18: Torre M, Mameli L, Bonfiglio R, Guerriero V, Derosas L, Palomba L, Disma N. A New Device for Thoracoscopic Cryoanalgesia in Pectus Excavatum Repair: Preliminary Single Center Experience. *Front Pediatr.* 2021 Jan 18;8:614097. doi: 10.3389/fped.2020.614097. PMID: 33585365; PMCID: PMC7874221.
- 19: Boselli E, Hopkins P, Lamperti M, Estèbe JP, Fuzier R, Biasucci DG, Disma N, Pittiruti M, Traškaitė V, Macas A, Breschan C, Vailati D, Subert M. European Society of Anaesthesiology and Intensive Care Guidelines on peri-operative use of ultrasound for regional anaesthesia (PERSEUS regional anaesthesia): Peripheral nerves blocks and neuraxial anaesthesia. *Eur J Anaesthesiol.* 2021 Mar 1;38(3):219-250. doi: 10.1097/EJA.0000000000001383. PMID: 33186303.
- 20: Bonfiglio R, Disma N, Stagnaro N, Girometti R, Gentile A, Torre M, Bove T, Vetrugno L. The use of lung ultrasound compared to chest X-ray to diagnose pneumothorax following the Nuss procedure for pectus excavatum repair in children. *Paediatr Anaesth.* 2020 Nov;30(11):1224-1232. doi: 10.1111/pan.14007. Epub 2020 Sep 13. PMID: 32865297.
- 21: Goobie SM, Staffa SJ, Meara JG, Proctor MR, Tumolo M, Cangemi G, Disma N. High-dose versus low-dose tranexamic acid for paediatric craniostomy surgery: a double-blind randomised controlled non-inferiority trial. *Br J Anaesth.* 2020 Sep;125(3):336-345. doi: 10.1016/j.bja.2020.05.054. Epub 2020 Jun 30. PMID: 32620262.
- 22: Matava CT, Kovatsis PG, Lee JK, Castro P, Denning S, Yu J, Park R, Lockman JL, Von Ungern-Sternberg B, Sabato S, Lee LK, Ayad I, Mireles S, Lardner D, Whyte S, Szolnoki J, Jagannathan N, Thompson N, Stein ML, Dalesio N, Greenberg R, McCloskey J, Peyton J, Evans F, Haydar B, Reynolds P, Chiao F, Taicher B, Templeton T, Bhalla T, Raman VT, Garcia-Marcinkiewicz A, Gálvez J, Tan J, Rehman M, Crockett C, Olomu P, Szmuk P, Glover C, Matuszczak M, Galvez I, Hunyady A, Polaner D, Gooden C, Hsu G, Gumaney H, Pérez-Pradilla C, Kiss EE, Theroux MC, Lau J, Asaf S, Ingelmo P, Engelhardt T, Hervías M, Greenwood E, Javia L, Disma N, Yaster M, Fiadjoe JE; PeDI Collaborative. Pediatric Airway Management in COVID-19 Patients: Consensus Guidelines From the Society for Pediatric Anesthesia's Pediatric Difficult Intubation Collaborative and the Canadian Pediatric Anesthesia Society. *Anesth Analg.* 2020 Jul;131(1):61-73. doi: 10.1213/ANE.0000000000004872. PMID: 32287142; PMCID: PMC7173403.
- 23: Lamperti M, Biasucci DG, Disma N, Pittiruti M, Breschan C, Vailati D, Subert M, Traškaitė V, Macas A, Estebe JP, Fuzier R, Boselli E, Hopkins P. European Society of Anaesthesiology guidelines on peri-operative use of ultrasound-guided for vascular access (PERSEUS vascular access). *Eur J Anaesthesiol.* 2020 May;37(5):344-376. doi: 10.1097/EJA.0000000000001180. Erratum in: *Eur J Anaesthesiol.* 2020 Jul;37(7):623. PMID: 32265391.
- 24: Wolfler A, De Silvestri A, Camporesi A, Ivani G, Vittori A, Zadra N, Pasini L, Astuto M, Locatelli B, Cortegiani A, Disma N; Italian Society of Neonatal and Pediatric Anesthesia and Intensive Care (SARNePI). Pediatric anesthesia practice in Italy: a multicenter national prospective observational study derived from the APRICOT Trial. *Minerva Anesthesiol.* 2020 Mar;86(3):295-303. doi: 10.23736/S0375-9393.19.14126-0. Epub 2019 Dec 9. PMID: 31820874.
- 25: Disma N, Thomas M, Afshari A, Veyckemans F, De Hert S. Reply to: will one hour less make any difference? *Eur J Anaesthesiol.* 2020 Jan;37(1):53. doi: 10.1097/EJA.0000000000001034. PMID: 31794526.
- 26: Clausen NG, Hansen TG, Disma N. Anesthesia Neurotoxicity in the Developing Brain: Basic Studies Relevant for Neonatal or Perinatal Medicine. *Clin Perinatol.* 2019 Dec;46(4):647-656. doi: 10.1016/j.clp.2019.08.002. Epub 2019

Aug14. PMID: 31653300.

27: Miskovic A, Johnson M, Frost L, Fernandez E, Pistorio A, Disma N. Aprospective observational cohort study on the incidence of postoperative sore throat in the pediatric population. *Paediatr Anaesth*. 2019 Dec;29(12):1179-1185. doi: 10.1111/pan.13757. Epub 2019 Nov 2. PMID: 31610063.

28: Buhre W, Disma N, Hendrickx J, De Hert S, Hollmann MW, Huhn R, Jakobsson J, Nagele P, Peyton P, Vutskits L. Response to comments on 'The European Society of Anaesthesiology Task Force review on the place of nitrous oxide in current clinical practice' (*Br J Anaesth* 2019; 122:587-604). *Br J Anaesth*. 2019 Oct;123(4):e482-e483. doi: 10.1016/j.bja.2019.06.021. Epub 2019 Jul 29. PMID: 31371021.

29: Buhre W, Disma N, Hendrickx J, DeHert S, Hollmann MW, Huhn R, Jakobsson J, Nagele P, Peyton P, Vutskits L. European Society of Anaesthesiology Task Force on Nitrous Oxide: a narrative review of its role in clinical practice. *Br J Anaesth*. 2019 May;122(5):587-604. doi: 10.1016/j.bja.2019.01.023. Epub 2019 Feb 22. PMID: 30916011.

30: Marchesini V, Disma N. Anaesthetic neuroprotection in children: does it exist or is it all just bad? *Curr Opin Anaesthesiol*. 2019 Jun;32(3):363-369. doi: 10.1097/ACO.0000000000000723. PMID: 30893117.

31: McCann ME, de Graaff JC, Dorris L, Disma N, Withington D, Bell G, Grobler A, Stargatt R, Hunt RW, Sheppard SJ, Marmor J, Giribaldi G, Bellinger DC, Hartmann PL, Hardy P, Frawley G, Izzo F, von Ungern Sternberg BS, Lynn A, Wilton N, Mueller M, Polaner DM, Absalom AR, Szmuk P, Morton N, Berde C, Soriano S, Davidson AJ; GAS Consortium. Neurodevelopmental outcome at 5 years of age after general anaesthesia or awake-regional anaesthesia in infancy (GAS): an international, multicentre, randomised, controlled equivalence trial. *Lancet*. 2019 Feb 16;393(10172):664-677. doi: 10.1016/S0140-6736(18)32485-1. Epub 2019 Feb 14. Erratum in: *Lancet*. 2019 Aug 24;394(10199):638. PMID: 30782342; PMCID: PMC6500739.

32: Disma N, Thomas M, Afshari A, Veyckemans F, De Hert S. Clear fluids fasting for elective paediatric anaesthesia: The European Society of Anaesthesiology consensus statement. *Eur J Anaesthesiol*. 2019 Mar;36(3):173-174. doi: 10.1097/EJA.0000000000000914. PMID: 30694886.

33: Szmuk P, Andropoulos D, McGowan F, Brambrink A, Lee C, Lee KJ, McCann ME, Liu Y, Saynhalath R, Bong CL, Anderson BJ, Berde C, De Graaff JC, Disma N, Kurth D, Loepke A, Orser B, Sessler DI, Skowno JJ, von Ungern-Sternberg BS, Vutskits L, Davidson A. An open label pilot study of a dexmedetomidine-remifentanyl- caudal anesthetic for infant lower abdominal/lower extremity surgery: The T REX pilot study. *Paediatr Anaesth*. 2019 Jan;29(1):59-67. doi: 10.1111/pan.13544. PMID: 30428151.

34: Gentry KR, Arnup SJ, Disma N, Dorris L, de Graaff JC, Hunyady A, Morton NS, Withington DE, McCann ME, Davidson AJ, Lynn AM; GAS Trial Consortium. Enrollment challenges in multicenter, international studies: The example of the GAS trial. *Paediatr Anaesth*. 2019 Jan;29(1):51-58. doi: 10.1111/pan.13522. Epub 2018 Oct 29. PMID: 30375133.

35: Disma N, O'Leary JD, Loepke AW, Brambrink AM, Becke K, Clausen NG, De Graaff JC, Liu F, Hansen TG, McCann ME, Salorio CF, Soriano S, Sun LS, Szmuk P, Warner DO, Vutskits L, Davidson AJ. Anesthesia and the developing brain: A way forward for laboratory and clinical research. *Paediatr Anaesth*. 2018 Sep;28(9):758-763. doi: 10.1111/pan.13455. Epub 2018 Aug 16. PMID: 30117228.

36: Disma N, Withington D, McCann ME, Hunt RW, Arnup SJ, Izzo F, de Graaff JC, Mattioli G, Morton N, Frawley G, Davidson A, Lynn A, Szmuk P, Thomas JJ, Ragg P, Pini Prato A; GAS Consortium. Surgical practice and outcome in 711 neonates and infants undergoing hernia repair in a large multicenter RCT: Secondary results from the GAS Study. *J Pediatr Surg*. 2018 Sep;53(9):1643-1650. doi: 10.1016/j.jpedsurg.2018.01.003. Epub 2018 Jan 31. PMID: 29602555.

37: Disma N, Clunies-Ross N, Chalkiadis GA. Is spinal anaesthesia in young infants really safer and better than general anaesthesia? *Curr Opin Anaesthesiol*. 2018 Jun;31(3):302-307. doi: 10.1097/ACO.0000000000000578. PMID: 29432293.

38: Disma N, Calderini E; SIAARTI-SARNePI Committee on Paediatric Anaesthesia. SIAARTI-SARNePI Clinical-Organizational Standards for pediatric anesthesia. *Minerva Anesthesiol*. 2018 Feb;84(2):143-146. doi: 10.23736/S0375-9393.17.12309-6. Epub 2017 Sep 13. PMID: 28901121.

39: Bernasconi F, Zanaboni C, Dato A, Dolcino A, Bevilacqua M, Montagnini L, Disma N. Atypical use of PICC in infants and small children: a unicentric experience. *J Vasc Access*. 2017 Nov 17;18(6):535-539. doi: 10.5301/jva.5000773. Epub 2017 Jul 29. PMID: 28777412.

- 40: Dolcino A, Salsano A, Dato A, Disma N, Pini Prato A, Bernasconi F, Montagnini L, Avanzini S, Bevilacqua M, Montobbio G, Mattioli G, Zanaboni C. Potential role of a subcutaneously anchored securement device in preventing dislodgment of tunneled-cuffed central venous devices in pediatric patients. *J Vasc Access*. 2017 Nov 17;18(6):540-545. doi: 10.5301/jva.5000780. Epub 2017 Aug 2. PMID: 28777409.
- 41: McCann ME, Withington DE, Arnup SJ, Davidson AJ, Disma N, Frawley G, Morton NS, Bell G, Hunt RW, Bellinger DC, Polaner DM, Leo A, Absalom AR, von Ungern- Sternberg BS, Izzo F, Szmuk P, Young V, Soriano SG, de Graaff JC; GAS Consortium. Differences in Blood Pressure in Infants After General Anesthesia Compared to Awake Regional Anesthesia (GAS Study-A Prospective Randomized Trial). *Anesth Analg*. 2017 Sep;125(3):837-845. doi: 10.1213/ANE.0000000000001870. PMID: 28489641; PMCID: PMC5576550.
- 42: Pio L, Rosati U, Avanzini S, Pini Prato A, Torre M, Disma NM, Montobbio G, Mattioli G. Complications of Minimally Invasive Surgery in Children: A Prospective Morbidity and Mortality Analysis Using the Clavien-Dindo Classification. *Surg Laparosc Endosc Percutan Tech*. 2017 Jun;27(3):170-174. doi: 10.1097/SLE.0000000000000401. PMID: 28414701.
- 43: Habre W, Disma N, Virag K, Becke K, Hansen TG, Jöhr M, Leva B, Morton NS, Vermeulen PM, Zielinska M, Boda K, Veyckemans F; APRICOT Group of the European Society of Anaesthesiology Clinical Trial Network. Incidence of severe critical events in paediatric anaesthesia (APRICOT): a prospective multicenter observational study in 261 hospitals in Europe. *Lancet Respir Med*. 2017 May;5(5):412-425. doi: 10.1016/S2213-2600(17)30116-9. Epub 2017 Mar 28. Erratum in: *Lancet Respir Med*. 2017 May;5(5):e19. Erratum in: *Lancet Respir Med*. 2017 Jun;5(6):e22. PMID: 28363725.
- 44: Mattioli G, Pini Prato A, Razore B, Leonelli L, Pio L, Avanzini S, Boscarelli A, Barabino P, Disma NM, Zanaboni C, Garzi A, Martigli SP, Buffi NM, Rosati U, Petralia P. Da Vinci Robotic Surgery in a Pediatric Hospital. *J Laparoendosc Adv Surg Tech A*. 2017 May;27(5):539-545. doi: 10.1089/lap.2016.0390. Epub 2017 Mar 9. PMID: 28278402.
- 45: Mattioli G, Pio L, Leonelli L, Razore B, Disma N, Montobbio G, Jasonni V, Petralia P, Pini Prato A. A Provisional Experience with Robot-Assisted Soave Procedure for Older Children with Hirschsprung Disease: Back to the Future? *J Laparoendosc Adv Surg Tech A*. 2017 May;27(5):546-549. doi: 10.1089/lap.2016.0337. Epub 2017 Jan 18. PMID: 28099057.
- 46: Avanzini S, Mameli L, Disma N, Zanaboni C, Dato A, Montobbio G, Montagnini L, Bevilacqua M, Pierri F, Conte M, Amoroso L, Pala G, Pestarino S, Castagnola E, Molinari AC, Micalizzi C, Morreale G, Mattioli G, Pini Prato A. Brachiocephalic vein for percutaneous ultrasound-guided central line positioning in children: A 20-month preliminary experience with 109 procedures. *Pediatr Blood Cancer*. 2017 Feb;64(2):330-335. doi: 10.1002/pbc.26202. Epub 2016 Aug 31. PMID: 27578550.
- 47: Davidson AJ, Disma N, de Graaff JC, Withington DE, McCann ME. Outcomes in the trial registry should match those in the protocol - Authors' reply. *Lancet*. 2016 Jul 23;388(10042):341. doi: 10.1016/S0140-6736(16)30964-3. PMID: 27477161.
- 48: Davidson AJ, Disma N, de Graaff JC, Withington DE, McCann ME. The GAS trial - Authors' reply. *Lancet*. 2016 Apr 16;387(10028):1615. doi: 10.1016/S0140-6736(16)30070-8. Epub 2016 Apr 14. PMID: 27116068.
- 49: Disma N, Hansen TG. Pediatric anesthesia and neurotoxicity: can findings be translated from animals to humans? *Minerva Anesthesiol*. 2016 Jul;82(7):791-6. Epub 2016 Apr 7. PMID: 27054906.
- 50: Mattioli G, Pio L, Disma NM, Torre M, Sacco O, Pistorio A, Zanaboni C, Montobbio G, Barra F, Ramenghi LA. Congenital Lung Malformations: Shifting from Open to Thoracoscopic Surgery. *Pediatr Neonatol*. 2016 Dec;57(6):463-466. doi: 10.1016/j.pedneo.2015.10.009. Epub 2016 Mar 3. PMID: 27036100.
- 51: Pini Prato A, Zanaboni C, Mosconi M, Mazzola C, Muller L, Meinero PC, Faticato MG, Leonelli L, Montobbio G, Disma N, Mattioli G. Preliminary results of video-assisted anal fistula treatment (VAAFT) in children. *Tech Coloproctol*. 2016 May;20(5):279-285. doi: 10.1007/s10151-016-1447-1. Epub 2016 Mar 8. PMID: 26956836.
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ORGANIZZAZIONE, DIREZIONE E COORDINAMENTO DI CENTRI O GRUPPI DI RICERCA NAZIONALI E INTERNAZIONALI O PARTECIPAZIONE AGLI STESSI

Coordinamento gruppi di lavoro – gruppi di ricerca nazionali ed internazionali	<ul style="list-style-type: none"> - Chief Investigator, Steering Committee and Italian Coordinator, “GAS Study” - Chief Investigator, Steering Committee and Italian Coordinator, “APRICOT Study” - Principal Investigator, Coordinator, “NECTARINE” Study - EXPAMED: expert panel member on medical devices of the European Medical Agency (EMA) <p>Società Scientifiche, Board Member:</p> <ul style="list-style-type: none"> - Chairman of Pediatric Scientific Subcommittee of ESA (European Society Anesthesia) - Member of Executive Board (ExBo) ESPA (European Society Pediatric Anesthesia) - Member of the SafeTots Steering Committee – http://www.safetots.org/contact.htm - Overseas Council member - APAGBI
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ATTIVITÀ QUALI LA DIREZIONE O LA PARTECIPAZIONE A COMITATI EDITORIALI DI RIVISTE SCIENTIFICHE

Editorial Board	<ul style="list-style-type: none"> • Associate Editor of Pediatric Anesthesia, 2019-2026 • Reviewer: Pediatric Anesthesia, European Journal of Anesthesiology; British Journal Anesthesia; Plos One, Anesthesiology, Acta Anesth Scandinavica.
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PREMI E RICONOSCIMENTI NAZIONALI E INTERNAZIONALI PER ATTIVITÀ DI RICERCA

Riconoscimenti Ministeriali, AIFA e Società Scientifiche	<p>Research Grants:</p> <ol style="list-style-type: none"> 1. Ministero della Salute Italiano 2011-2014; Giovani Ricercatori: GAS Study GR-2009-1476067 - Grant 183.462,50 Euro, Ruolo PI 2. Ministero della Salute Italiano 2015-2017; Ricerca Finalizzata: A multi-site international RCT comparing regional and general anesthesia in infants for effects on neurodevelopmental outcome at five year of age: The GAS Trial. Italian Ministry of Health 2014-2017; Ordinary Grant GAS Study RF-2011-02347532 - Grant 255.469,16 Euro, Ruolo PI 3. The NECTARINE, CTN sponsorizzato ESA, assegnato Maggio 2015 (3 anni) / Grant 30.000 Euro, Ruolo PI 4. The APRICOT, CTN sponsorizzato ESA, assegnato Maggio 2013 (3 anni) / Grant 30.000 Euro, Ruolo coordinatore 5. AIFA, ricerca indipendente 2017. Grant TREX 675.000 Euro, periodo 2019-2024, ruolo PI 6. Ricerca Ministero della Salute 5x1000. Grant 80.000 Euro, periodo 2022-2023, ruolo Principal Investigator. The COPPER Study. 7. Coordinator grant ESAIC 2022. PROMINENT Study. Grant 5.000 Euro.
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PARTECIPAZIONE IN QUALITÀ DI RELATORE A CONGRESSI E CONVEGNI DI INTERESSE INTERNAZIONALE

Conferenze Organizzate come Direttore scientifico	<ul style="list-style-type: none"> - International course on neonatal and pediatric anesthesia: hot topics. – 24 May 2013 - International conference on pediatric anesthesia and neurotoxicity - 24-25 May 2014 - Vascular access in neonates and children (preconference course ESA congress London 27 May 2016) - Vascular access in neonates and children (preconference course SMART congress Milano 2016) - SafeTots: Safe Anesthesia for Every Tot – 18 June 2016 - The II International conference on pediatric anesthesia and neurotoxicity – 13-14 May 2017 - Vascular access in neonates and children (preconference course ESA congress Geneva 2017) - Use of ultrasound in children (preconference course ESA 2018 Copenaghen) - POCUS pediatric (preconference course ESA 2019 Vienna) - Out-of-apricot (preconference course ESA 2019 Vienna) - ESA Focus meeting “Mother and Child” Roma, 15-16 October 2019
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	- TREX Investigator meeting, 25 gennaio 2020, Genova, IT
Relatore in congressi internazionali	<ul style="list-style-type: none"> - ESPA Annual Congress 2012 Stresa: “Neuroprotection in children” - ESA Focus Meeting in Pediatric Anesthesia - Athen 13-14 Nov 2014: “Imaging and monitoring of brain in children” - ESPA Congress 2015 Istanbul: “Imaging of brain and spine in children” - Lucerne 2015: “Hot topic in pediatric anesthesia” - Swiss Society of Pediatric Anesthesia congress, Geneva 2016: (1) “Results from the GAS Study”; (2) “Single lung ventilation in children” - ADARPEF Congress, Bordeaux 2016: “Lessons learnt from the GAS study” - ESA congress 2016 London: “Articles that have changed my practice, in postoperative pain and emergency” - ESPA congress 2016 Belgrade: (1) Discharge criteria from PACU; (2) Nectarine: challenges of large clinical trial networks - GOS Alumni London 14 March 2017: Awake regional anesthesia in neonates and infants - International Workshop on thoracic surgery in children Milan 2017: anesthesia management in children - Swiss Society of Pediatric Anesthesia congress, Bern 27 March 2017: “PICC lines in children”. - Anesthesia and long term neurocognitive outcome, Grand round January 2018, Great Ormond Street Hospital, London. - The APRICOT Study, Società Baleari di Anestesia, 2018 Palma di Maiorca, Spagna. - Pediatric Anesthesia and neurotoxicity, AAGBI core meeting 2018, Exeter, UK. - “Neuroprotection in children”, APA 2018 congress Liverpool, UK. - The articles that have changed my practice in children, ESA 2018 congress Copenhagen. - The APRICOT Study, Grand round University of Bern, Svizzera. - “The Increasing role of PICC in children”, WoCoVa 2018 congress Copenhagen. - Safetots Conference Odense 29 Sept 2018 - EAPS Paris, 1-3 Nov 2018: Update on algorithm of pediatric airway. - EuroAnesthesia 2019, Vienna, 30 maggio – 3 giugno 2019: Guidelines on pediatric vascular access; GAS Study results - APA2019, Sheffield 6-8 giugno 2019: Update on Nectarine study - ISPA 2019, Ginevra, 12-14 giugno 2019: Comprehensive research update - ESA Focus meeting, Rome, 15-16 Ottobre 2019: Anesthesia and long term neurocognitive effects; Complications in pediatric anesthesia. - SPA Annual Congress, USA, 27-29 Febbraio 2020: New Fasting Guidelines. - German Congress of Anesthesia, 23 Maggio 2020: Implication of Covid-19 in Pediatric Anesthesia. - ASA 2021 Congress, Pro and Con Debate on fasting guidelines - EPNV Congress, Montreux Svizzera. 27-30 Ottobre 2021. Videolaryngoscopy in Children. - ESAIC Congress 17-18 dicembre 2021. “Nectarine Study results presentation”. “CTN a successful story”

LEZIONI ACCADEMICHE INTERNAZIONALI

Grand Round University College London	“Long term effect of anesthesia in developing brain. “ January 2018, London, UK
Grand Round University of Bern	“Pediatric anesthesia and serious adverse events. Risk factors” April 2018, Bern, Switzerland
Grand Round University of Manitoba	“The GAS Study. Logistic and results “, “Apricot Study. Big data” April 2019, Winnipeg, Canada
Grand Round University Ottawa	“Nectarine Study. Presentation of results and interpretation” February 2021, Ottawa, Canada (Virtual Grand Round)
Grand Round University Bern	“Difficult intubation data from Nectarine Study” April 2021, Bern, Switzerland (Virtual Grand Round)
Grand Round Children Hospital Philadelphia	“Difficult intubation data from Nectarine Study” May 2021, Philadelphia, USA (Virtual Grand Round)

ATTIVITÀ GESTIONALI, ORGANIZZATIVE E DI SERVIZIO

INCARICHI DI GESTIONE E AD IMPEGNI ASSUNTI IN ORGANI COLLEGIALI E COMMISSIONI, PRESSO RILEVANTI ENTI PUBBLICI E PRIVATI E ORGANIZZAZIONI SCIENTIFICHE E CULTURALI, OVVERO PRESSO L'ATENEO O ALTRI ATENEI

Coordinamento gruppi di lavoro – gruppi di ricerca nazionali ed internazionali	Società Scientifiche, Board Member: <ul style="list-style-type: none">- Chairman of Pediatric Scientific Subcommittee of ESA (European Society Anesthesia)- Member of Executive Board (ExBo) ESPA (European Society Pediatric Anesthesia)- Member of the SafeTots Steering Committee – http://www.safetots.org/contact.htm- Overseas Council member – APAGBI- Research Committee member of the ESAIC – European Society of Anesthesia and Intensive Care EXPAMED: expert panel member on medical devices of the European Medical Agency (EMA)
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ATTIVITÀ CLINICO ASSISTENZIALI

Data	Dal 31/12/2007 a oggi (in aspettativa da 08/01/2017 a 08/01/2018)
Nome Istituzione	IRCCS Istituto G. Gaslini, Genova
Incarico ricoperto	Direttore U.O.S.D. Ricerca & Innovazione in Anestesia (da 1 gennaio 2021) RAQ Anestesia dal 2018

Data	Dal 09/01/2017 al 08/01/2018
Nome Istituzione	Department of Anesthesia, Great Ormond Street Hospital, London, UK
Incarico ricoperto	Senior Consultant Pediatric Anesthetist Senior Lecturer at University College London (UCL)

Data	07-03-2011 al 1-10-2011
Nome Istituzione	Great Ormond Street Hospital for Sick Children, London, UK
Incarico ricoperto	Clinical Fellow in NICU, PICU and CICU

Data	Da 4/1/2002 al 31/03/2007 e da 07/05/2007 al 30/12/2007
Nome Istituzione	Azienda Universitaria Policlinico Catania
Incarico ricoperto	Dirigente Medico EP (didattica e assistenza) a tempo determinato

Data

Luogo