

CURRICULUM VITAE REDATTO AI SENSI DEGLI ART. 46 E 47 DEL D.P.R. 445/2000. DICHIARO CHE QUANTO AFFERMATO DI SEGUITO CORRISPONDE A VERITA'

NAME SURNAME Gian Marco Petroni

ACADEMIC DEGREE Medical Doctor

WORK EXPERIENCE

From 01/03/2022 to today Medical Doctor at Santa Maria of Terni hospital. Specialist in: Anesthesia, Resuscitation, Intensive care and Pain Therapy

From 01/04/2018 to 28/02/2022 Medical Doctor at ASL Rieti

EDUCATION AND TRAINING

30/10/2023 Specialist medical Degree: Anesthesia, Resuscitation, Intensive and Pain Therapy. Score 50/50 with praise

From 01/11/2018 to 30/10/2023 Resident of Anesthesia, Resuscitation, Intensive and Pain Therapy at University of L' Aquila

15/02/2018 Qualification to practice as a Doctor - Surgeon

From 2011 to 2017 6-years Degree in Medicine and Surgery. Score of 110/110 with prize

Degree thesis: “Acute Kidney Injury in Intensive Care Unit”.

Proff. A Ciccozzi; M.D. A. Ciccone

Dal 2007 al 2010

Bachelor's degree in: Healthcare Techniques of Medical Radiology for Imaging and Radiotherapy. Score 110/110

GENERAL INFORMATION

Membership in scientific societies

- partner of SIAARTI
- partner of AAROI EMAC
- partner of ESRA
- partner of AISD

Positions Held in Scientific Societies

- regional representative of AISD “Italian association for the study of pain” 2024-2026
- Member of the Scientific Committee of ESRA (European Society of Regional Anaesthesia), Italian Chapter 2025- 2027

Participation in conferences

- 37) PAIN in UMBRIA Spoleto 18-19/10/2026
- 36) “Innovative pain relief techniques in the treatment of musculoskeletal pain in sports ” – Roma CNR 11/11/2025
- 35) National congress AISD 2024- TORINO
- 34)ACD SIAARTI- Palermo 19-21 Giugno 2024
- 33) 3° National congress “Innovative pain relief techniques in the treatment of musculoskeletal pain in sports. Rome 12/09/2023
- 32) 2° National congress “Innovative pain relief techniques in the treatment of musculoskeletal pain in sports. Rome 12/09/2022
- 31) ROMA PAIN DAYS 15-16-17 GIUGNO 2023 – ROMA
- 30) II National congress SONOPAIN
- 29) 1° National congress “Innovative pain relief techniques in the treatment of musculoskeletal pain in sports. Rome 09/2021
- 28)The burden and origins of co infections and superinfections in complicated patients with long icu stay and immune dysfunction- webinar

- 27) The basics of artificial nutrition - SINPE- Gubbio 06-07/06/2022
- 26) Modern Italian locoregional anesthesia - SIAARTI- ROMA 19-20/05/2022
- 25) Innovazioni in anestesia, analgesia locoregionale e chirurgia aquilana. L'Aquila 02/04/2022
- 24) WEBINAR Implementation of good clinical practice, use of vasopressor and inotropic drugs 08/10/2021 329770 SIAARTI
- 23) WEBINAR. Anesthesia and pediatric emergencies and emergencies - Atena Congressi 23/09/2021
- 22) WEBINAR . Organization, quality and safety of anesthesia in a hostile environment SIAARTI n 331372 22/09/2021
- 21) Pediatric Locoregional Anesthesia Course-- La Sapienza- ROMA 02/07/2021 8 ore
- 20) Webinar " Cerebral hemorrhage in intensive care " SIAARTI
- 19) E learning ESA Academy "Avoiding too Deep Anaesthesia" Our ref.: ELM17-A00048
- Advanced ultrasound course in locoregional anesthesia with SIMULEARN simulation systems BO 12-13/10/2020 16 ore
- 18) Advanced ultrasound course in locoregional anesthesia with SIMULEARN simulation systems BO 3-4/02/2020 16 ore
- 17) Advanced ultrasound course in locoregional anesthesia with SIMULEARN simulation systems BO 20-21/01/2020 16 ore
- 16) E learning ESA Academy "Webcast on algorithmic approach in septic and hemorrhagic shock states" – ELM18A0008
- 15) 1° congress AREA CRITICA – Bologna 5-6/12/19
- 14) Patient blood Management – SIAARTI 28-11-19 8 ore
- 13) Advanced ultrasound course in locoregional anesthesia with SIMULEARN simulation systems BO 18-19/11/19 16 ore
- 12) Webcast on Protective Mechanical Ventilation (PMV) ESA Academy Our ref.: ELM18 - A00084
- 11) L'aquila – Neuropatic Pain 09/11/19 6 ore
- 10) 73 ° Congresso SIAARTI: ICARE 16-17-18/10/2019 24ore
- 9) Advanced ultrasound course in locoregional anesthesia with SIMULEARN simulation systems BO 7-8/10/19 16 ore
- 8) Advanced ultrasound course in locoregional anesthesia with SIMULEARN simulation systems BO 10-11/06/19 16 ore
- 7) 42° Nation Congress AISD 6-7-8/06/19
- 6) SA.QU.RE 2019 Roma 04-05-06/04/19 24ore
- 5) Post Operative Pain. Università degli studi dell'Aquila 29/ 03/19 ore 6
- 4) 9° Corso Ricerca e stabilizzazione del travolto da valanga.- Teorico Pratico AQ 22-23-24/ 01/19 24 ore
- 3) Bone metabolism education forum. Da vitamina D a Proormone: L' evoluzione del ruolo n 33-209271
- 2) Focus LMWH OMCEO RIETI n 5908222841
- 1) Emergency drugs. Omceo – Rieti 01/19

PUBLICATIONS

- 1) Factors to consider for fascial plane blocks' success in acute and chronic pain management. P Fusco, G Pascarella, C Stecco, R Blanco, M Forero, A Pawa, S Tulgar, et al. *Minerva Anestesiologica* 90 (1-2), 87-97
- 2) Opioid-free anesthesia in oncologic surgery: the rules of the game. A De Cassai, F Geraldini, S Tulgar, A Ahiskalioglu, ER Mariano, B Dost, et al. *Journal of Anesthesia, Analgesia and Critical Care* 2 (1), 8
- 3) ESP block and chronic pain: the dark side of the moon. P Fusco, C Stecco, GM Petroni, W Ciaschi, F Marinangeli *Minerva anestesiologica* 88 (6), 528-529
- 4) Fascial plane blocks and chronic pain: Another step towards the future. P Fusco, E Nazzaro, G Petroni, C Stecco, W Ciaschi, F Marinangeli, *Journal of Clinical Anesthesia* 84, 111010-111010
- 5) Under the fascia: A new ultrasound guided fascial plane block. The deep rectus sheath block. P Fusco, F Costa, C Stecco, E Nazzaro, R Commissari, F De Sanctis, et al. *Minerva Anestesiologica* 90, 940-942
- 6) The role of the PENG block in hip fracture in elderly patient with severe comorbidities. P Fusco, GM Petroni, A Ciccozzi, S Tullj, R Chiavari, F Marinangeli. *Minerva anestesiologica* 86 (10), 1112-1113
- 7) Dynamic double V sign: another step to the efficacy of fascial plane block. P Fusco, GM Petroni, W Ciaschi, E Tonelli, F Marinangeli, C Stecco. *Minerva Anestesiologica* 88 (12), 1079-81
- 8) Hip chronic pain: ultrasound guided ablation of anterior articular branches plus posterior neurolysis of the nerve to the quadratus femoris versus the alone anterior approach. GM Petroni, V Cofini, S Necozone, F De Sanctis, R Commissari, et al. *Journal of Ultrasound* 27 (3), 545-550
- 9) The deep rectus sheath block plus rectus sheath block in awake laparotomy surgery in the elderly patient. GM Petroni, A Sanapo, F De Sanctis, E Nazzaro, W Ciaschi, C Maggiani, et al. *Minerva anestesiologica* 91 (5), 473-474
- 10) Under the fascia: technique for performing the deep rectus sheath block. P Fusco, C Stecco, E Nazzaro, A Sanapo, F De Sanctis, M Scarcella, et al. *Minerva anestesiologica*
- 11) Can we consider the fascia as the target of our fascial block? P Fusco, E Nazzaro, F De Sanctis, GM Petroni. *Indian Journal of Anaesthesia* 68 (9), 832-833
- 12) Erector spinae plane block for the management of chronic cancer pain in the era of COVID-19. P Fusco, C Maggiani, D Volpe, GM Petroni, CT Bagaphou, F Marinangeli *Minerva Anestesiologica* 87 (7), 836-837
- 13) Lung elastosonography for diagnosis and management of COVID-19 pneumonia. P Fusco, S Di Carlo, GM Petroni, P Scimia, G Sepolvere, W Ciaschi, et al. *Minerva Anestesiologica* 87 (3), 374-376
- 14) PENG radiofrequency and hip chronic pain: is this the future? P Fusco, GM Petroni, SDI Carlo, C Maggiani, F Marinangeli, W Ciaschi. *Minerva*

- anestesiologica 87 (12), 1391-1393
- 15) A new generation of simulator for teaching the new wall blocks. P Fusco, GM Petroni, AU Behr, S Tullj, G Fiore, A Vergallo, F Marinangeli. *Minerva Anestesiologica* 87 (6), 738-739
 - 16) Performing fascial plane blocks dynamically to improve efficacy and safety. A Sanapo, GM Petroni, F De Sanctis, P Fusco. *Indian Journal of Anaesthesia* 69 (4), 413-414
 - 17) Lights and shadows on the use of adjuvants in fascial block. P Fusco, F De Sanctis, E Nazzarro, C Stecco, R Perna, R Commissari, et al. *Minerva Anestesiologica* 90, 344-345
 - 18) Low back pain: is it time for erector spinae plane block? P Fusco, GM Petroni, E Nazzarro, W Ciaschi, S Meloncelli, F De Sanctis, et al. *Minerva anestesiologica* 90 (3), 210-211
 - 19) Complete atrioventricular block after bilateral erector spinae plane block. P Fusco, GM Petroni, W Ciaschi, F De Sanctis, L Giacomino, A Sanapo, et al. *Minerva anestesiologica* 89 (12), 1145-1146
 - 20) A new-generation simulator to improve technical skills in performing PECS II block. P Fusco, V Cofini, D Volpe, GM Petroni, S Necozone, F Angelucci, et al. *Minerva anestesiologica* 89 (6), 600-601
 - 21) PENG and PONG radiofrequency for hip chronic pain: another step towards the future. P Fusco, GM Petroni, F Angelucci, C Maggiani, F Marinangeli, W Ciaschi. *Minerva Anestesiologica* 88 (12), 1076-1078
 - 22) Use of a Modified System for Manual Ventilation of the Patient for In-Hospital and Extra-Hospital Transport to Avoid Aerosolizing Spread of Droplets During COVID-19 Outbreak. P Fusco, GM Petroni, S Di Carlo, S Tullj, V Arcangeli, F Marinangeli. *Anesthesia & Analgesia* 131 (2), e96-e97
 - 23) The deep rectus sheath block: Ultrasound-guided preperitoneal infiltration for analgesia after laparoscopic cholecystectomy. GM Petroni, E Nazzarro, A Sanapo, P Fusco. *Saudi Journal of Anaesthesia* 19 (4), 662-663
 - 24) Role of fascial plane blocks and elastosonography in the assessment of stiffness in chronic myofascial pain. P Fusco, W Ciaschi, GM Petroni, C Maggiani, E Nazzarro. *Saudi Journal of Anaesthesia* 19 (4), 624-627
 - 25) Pectoratus Plane Block in Breast Surgery: Analgesic Doses of Local Anesthetics Can Be Used for Surgical Anesthesia—A Case Report. P Fusco, E Nazzarro, A Sanapo, GM Petroni. *A&A Practice* 19 (7), e01999
 - 26) Perineural Blocks: Ropivacaine 0.2% Can Provide Surgical Anesthesia: A Case Report. GM Petroni, P Fusco. *A&A Practice* 19 (7), e02021
 - 27) Nerve block or fascial block: This is the question. P Fusco, GM Petroni, F De Sanctis, C Maggiani, E Nazzarro. *Saudi Journal of Anaesthesia* 19 (3), 447-448
 - 28) From static to dynamic ultrasound in the evaluation and treatment of chronic myofascial pain. P Fusco, C Maggiani, E Nazzarro, GM Petroni, F De Sanctis, C Stecco, et al. *Minerva Anestesiologica*
 - 29) A targeted erector spinae plane block for treatment of chronic postsurgical myofascial pain: A case report. P Fusco, F Marrone, GM Petroni, C

- Pullano, C Stecco. JCAAdvances, 100128
- 30) Sacral erector spinae plane block for chronic pain: Fascial plane block or more? A Sanapo, GM Petroni, F De Sanctis, P Fusco. Indian Journal of Anaesthesia 69 (3), 322-324
 - 31) Erector spinae plane block with warm saline solution in postherpetic neuralgia: the genesis of pain and the link with the fascial system. GM Petroni, A Sanapo, F De Sanctis, E Nazzaro, W Ciaschi, C Maggiani, et al. Minerva Anestesiologica
 - 32) Impact of Protein and Nutritional Support on the Muscular Status of Critically Ill Patients: A Pilot, Perspective, and Exploratory Study. M Scarcella, E Scarpellini, S De Rosa, M Umbrello, GM Petroni, R Monti, et al. Nutrients 17 (3), 497
 - 33) Sacral plexus block: what if I cannot see the sciatic nerve? P Fusco, E Nazzarro, GM Petroni, F De Sanctis, C Maggiani. Minerva anestesiologica 91 (1-2), 101-102
 - 34) Complete anesthesia after unilateral sacral ESP block. A Sanapo, GM Petroni, F De Sanctis, P Fusco. Minerva Anestesiologica 90 (4), 1166-7
 - 35) Fascial Plane block and ERAS: it's time to drug sparing. P Fusco, E Nazzarro, W Ciaschi, GM Petroni, F De Sanctis, F Marinangeli
 - 36) Serratus plane block and parasternal block associated to achieve greater effectiveness and safety in cardioverter-defibrillator implantation. P Fusco, E Nazzarro, GM Petroni, F De Sanctis, P Scimia, F Marinangeli. Minerva anestesiologica 90 (7-8), 709-711
 - 37) Fascial plane blocks: flashes of light on the dark side of the moon. P Fusco, C Stecco, GM Petroni, W Ciaschi, F Marinangeli. Minerva Anestesiologica 89 (4), 361-362
 - 38) Less-Invasive Hemodynamic and Tissue Perfusion Monitoring in Sepsis and Septic Shock: A Narrative Review. Scarcella, M (Scarcella, Marialaura) ; Formenti, P (Formenti, Paolo) ; Petroni, GM (Petroni, Gian Marco) ; Monti, R (Monti, Riccardo) ; De Robertis, E (De Robertis, Edoardo)
 - 39) Hip chronic pain: ultrasound-guided ablation of the articular branches of the nerve to quadratus femoris. Upgrade of the technique. Gian M. Petroni 1 , Andrea Sanapo 1, Giulia Ragonesi 1, Ester Marciano 1, Francesca De Sanctis 1, Marialaura Scarcella 1, Rita Commissari 1, Emanuele Nazzarro 2, Francesco Marrone 3, Pierluigi Antinolfi 4, Pierfrancesco Fusco 2
 - 40) Low-dose dexmedetomidine as adjuvant to serratus anterior plane block for chest trauma in critically ill patient: Three case reports. De Sanctis F, Amorizzo E, Petroni GM, et al.
 - 41) The Prevesical Fascia: A Fascial Target in Abdominal Myofascial Pain Syndrome-A Case Report. Gian Marco Petroni , Francesco Marrone , Pierfrancesco Fusco , Sandeep Diwan
 - 42) A Problem-Based Approach to Hip Fracture Surgery in Frail Patients: Combining Sacral ESP and Quadro-iliac Plane Blocks. Marrone F, Sorrentino T, Fusco P, Maglio P, Petroni GM, Tulgar S.
 - 43) Combined ethanol neurolysis and thermal radiofrequency ablation of the

genicular nerves in a patient affected by severe knee osteoarthritis. Petroni GM, Marrone F, Pilia E, Scarcella M, Commissari R, Antinolfi P, Sanapo A, LA Grua M, Fusco P.

- 44) Artificial Intelligence-Guided Artificial Nutrition in Critical Illness: Integrating Indirect Calorimetry and BIVA for Metabolic Precision. Scarcella M, Cotoia A, Vetrugno L, Scarpellini E, Petroni GM, Deana C, Simonte R, Monti R, Commissari R, De Robertis E, Bignami E.
- 45) High volume lumbar spinal anesthesia with hyperbaric ropivacaine and dexmedetomidine in transverse colon resection surgery: a substitute for general anesthesia? Petroni GM, Pullano C, Marrone F, Pilia E, Fusco P.

Coauthor of the book

- 1) Coauthor of the book: POINT-OF-CARE ULTRASOUND IN ANESTESIA, RIANIMAZIONE E TERAPIA INTENSIVA - EDRA
- 2) Coauthor of the book : Fast-Track in Cardiac Anesthesia: Cardiac Surgery in the Era of ERAS –EDRA
- 3) Coauthor of the book : Blocchi di fascia- EDRA
- 4) Coauthor of the book : Sala operatoria. Guida pratica di sopravvivenza per specializzandi in anestesia – pensiero scientifico editore
- 5) Coauthor of the book: ultrasound guided nerve blocks of the trunk and abdominal wall - EDRA
- 6) Coauthor of the book : Tecniche invasive e mininvasive di terapia del dolore- EDRA

Abstract book

- 1) “INTUBARE O NON INTUBARE?HUB O SPOKE?” - 1° CONGRESSO AREA CRITICA – BOLOGNA , 5-6/12/2019. Abstract n° 45

2) Ruolo del blocco del quadrato dei lombi QLB nel trattamento del dolore postoperatorio nella robot-assisted-laparoscopic-prostatectomy. case-report.s. TULLJ1, P. FUSCO2, F. DE SANCTIS1, G. PETRONI1, G. ARRIGONI2, A. CICCOCZZI3, M. BAFILE2,F. MARINANGELI3 74° CONGRESSO ICARE SIAARTI

- 3) Fusco P, G.M. Petroni , S. Tullj , V. Arcangeli , G. Balestra , F. Marinangeli ESRA 2021 Virtual Congress – ePoster. Abstract number: AS-ESRA-2021-00140. Abstract title: INNOVATIVE AND HI-FIDELITY SIMULATOR FOR FASCIAL PLANE BLOCKS
- 4) Conference paper: CROSS TALK BETWEEN CEREBRAL ACTIVITY AND SYSTEMIC METHABOLISM. Conference: SINPE 2022 M. Laura Scarcella, G. Petroni et al
- 5) Conference Paper: 196 Innovative and hi-fidelity simulator for fascial plane blocks
September 2021ESRA 2021 Virtual Congress, 8–9–10 September 2021
Regional Anesthesia and Pain Medicine. Pierfrancesco Fusco, Gian Marco Petroni, S Tullj[...]Franco Marinangeli
- 6) Petroni GM, Fusco P, et al: Progression from first degree atrioventricular block to complete atrioventricular block after bilateral esp block. *Journal of Anesthesia, Analgesia and Critical Care* 2023, 3(Suppl 1):A73
- 7) Relatore al congresso SINPE soecialistico Abruzzo 2024: Sarcopenia nel paziente critico: diagnosi e outcome
- 8) ACD SIAARTI Palermo 19.-29-21 June: Abstract presentation “Hip chronic pain: ultrasound guided ablation of anterior articular branches plus posterior neurolysis of the nerve to the quadratus femoris versus the alone anterior approach”

ACLS American Heart Association 2019 n. EF4C7FB9F8F5

Certification

Terni, 15/06/2026

M.D. Gian Marco Petroni

