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Sesso M | **Data di nascita** 24/05/1990 | **Nazionalità** ITALIANA

POSIZIONE RICOPERTA

Dirigente Medico di I Livello NEUROCHIRURGO.
PHD FELLOW in “Tecnologie Innovative nelle Scienze Biomediche” – XL Ciclo,
Università degli Studi di Enna Kore

TITOLO DI STUDIO

Laurea Magistrale in Medicina e Chirurgia con voti 110/110 e Lode
Abilitazione professionale: Università degli Studi di Catania - sessione II/2015
Specializzazione in Neurochirurgia - Università degli Studi di Messina con voti 50/50 e
Lode

**ESPERIENZA
PROFESSIONALE**

- Co-Principal Investigator del Progetto di Ricerca “The Effects of Endoscopic Third Ventriculostomy versus Ventriculoperitoneal Shunt on Neuropsychological and Motor Performance in Patients with Idiopathic Normal Pressure Hydrocephalus - ENVENTOR-iNPH: Study Protocol”. PNRR-MCNT2-2023-12377469.
- Master di II livello – Approcci Chirurgici alla Giunzione Craniocervicale – X Edizione, Anno Accademico 2023-2024, Università Cattolica del Sacro Cuore, Roma, 7 novembre 2024.
- Dirigente Medico di I Livello Neurochirurgo a tempo indeterminato presso ARNAS Garibaldi di Catania
- Medico Specialista in Neurochirurgia – Università degli Studi di Messina
- Medico Specializzando in Neurochirurgia presso l’Azienda Ospedaliera di Rilievo Nazionale e di Alta Specializzazione Garibaldi – Nesima di Catania
- Medico Specializzando in Neurochirurgia presso l’Azienda Ospedaliera Policlinico Universitario “G. Martino” di Messina
- Medico Specializzando in Neurochirurgia presso l’Azienda Ospedaliero - Universitaria Policlinico “G. Rodolico - Vittorio Emanuele” di Catania
- Medico di continuità assistenziale presso l’Azienda Sanitaria Provinciale di Catania – Distretto di Giarre
- Medico abilitato in qualità di Observer in Neurochirurgia presso l’Azienda Ospedaliera di Rilievo Nazionale e di Alta Specializzazione Garibaldi – Nesima di Catania
- Iscrizione all’albo dell’Ordine dei Medici-Chirurghi di Catania (n.15160) in data 19/02/2016

- Dal 1° Giugno 2022 a tutt'oggi Dirigente Medico di I Livello Neurochirurgo a tempo indeterminato presso ARNAS Garibaldi di Catania
- Dal 1° novembre 2019 al 2 novembre 2021 Medico Specializzando in Neurochirurgia presso l'Azienda Ospedaliera di Rilievo Nazionale e di Alta Specializzazione "Garibaldi" di Catania, Italia
- Dal 4 febbraio 2019 al 31 ottobre 2019, Medico specializzando in Neurochirurgia presso l'Azienda Ospedaliera Policlinico Universitario "G. Martino" di Messina, Italia
- Dal 2 novembre 2016 al 2 febbraio 2019, Medico Specializzando in Neurochirurgia presso l'Azienda Ospedaliera - Universitaria Policlinico "G. Rodolico - Vittorio Emanuele" di Catania
- Dal luglio 2016 al settembre 2016, Medico di continuità assistenziale presso l'Azienda Sanitaria Provinciale di Catania – Distretto di Giarre, Italia
- Dal febbraio 2016 al luglio 2016 Medico abilitato in qualità di Observer in Neurochirurgia presso l'Azienda Ospedaliera di Rilievo Nazionale e di Alta Specializzazione Garibaldi – Nesima di Catania

ISTRUZIONE E FORMAZIONE

- Scuola di Specializzazione in Neurochirurgia (Università degli Studi di Messina, Messina, Italy)
- Università degli Studi di Catania – Facoltà di Medicina e Chirurgia
- Liceo Scientifico Ettore Majorana – San Giovanni La Punta, Catania
- Scuola Media Statale Leonardo Da Vinci – Mascalucia, Catania
- 07/11/2024: Master di II livello – Approcci Chirurgici alla Giunzione Craniocervicale – X Edizione, Anno Accademico 2023-2024, Università Cattolica del Sacro Cuore, Roma
- 01/06/2022: Assunzione a tempo indeterminato in qualità di Dirigente Medico di I Livello presso ARNAS Garibaldi di Catania
- 03/11/2021: Specializzazione in Neurochirurgia
- 2016-2021: Scuola di Specializzazione in Neurochirurgia presso Università degli Studi di Messina
- II sessione 2015: Abilitazione alla professione di Medico-Chirurgo
- 28/07/2015: Laurea Magistrale in Medicina e Chirurgia
- 2009-2015: Corso di Laurea Magistrale in Medicina e Chirurgia presso Università degli Studi di Catania
- 2008-2009: Corso di Laurea in Scienze Biologiche
- 2003-2008: Liceo Classico-Scientifico "Ettore Majorana" di San Giovanni La Punta, Catania
- 2000-2003: Scuola Media Statale "Leonardo Da Vinci", Mascalucia, Catania

Qualifica conseguita:

- Dirigente Medico di I Livello Neurochirurgo presso ARNAS Garibaldi di Catania
- Specializzazione in Neurochirurgia, Università degli Studi di Messina – in data 03/11/2021 con voti 50/50 e Lode

- Abilitazione all'esercizio della Professione di Medico-Chirurgo, Università degli Studi di Catania –

II Sessione 2015 con voti 265/270

Tesi di Specializzazione: *“Un nuovo strumento per implementare l'accuratezza del posizionamento delle viti transpeduncolari nella chirurgia spinale navigata: studio monocentrico”* Relatore: Prof. A. F. Germanò, Correlatore: Prof. G. F. Nicoletti

- Laurea in Medicina e Chirurgia, Università degli Studi di Catania - in data 28/07/2015 con voti 110/110 e Lode

Tesi di Laurea in Neurochirurgia: *“La chirurgia spinale percutanea e mini-invasiva nelle patologie degenerative e traumatiche del rachide toraco-lombare nei pazienti over-65: overtreatment o stato dell'arte?”* Relatore: Prof. G.M.V. Barbagallo

- Maturità Scientifica con voti 97/100

COMPETENZE PERSONALI

Lingua madre ITALIANO

Altre lingue

INGLESE

COMPRENSIONE		PARLATO		PRODUZIONE SCRITTA
Ascolto	Lettura	Interazione	Produzione orale	
B2	B2	B1	B1	B1

Livelli: A1/A2: Utente base - B1/B2: Utente intermedio - C1/C2: Utente avanzato

[Quadro Comune Europeo di Riferimento delle Lingue](#)

Competenze comunicative

- buone competenze comunicative acquisite durante la mia esperienza di studente universitario
- capacità di parlare in pubblico

Competenze organizzative e gestionali

- leadership
- problem-solving
- attitudine al lavoro in gruppo
- capacità di lavorare in autonomia
- flessibilità
- capacità di ascolto
- capacità di gestione del tempo
- attitudine nella pianificazione
- capacità di gestione di progetti
- predisposizione al perseguimento degli obiettivi stabiliti
- capacità di lavorare sotto stress
- rispetto delle scadenze dei progetti
- strategia d'impresa

- Competenze professionali
- valutazione clinica
 - capacità di porre diagnosi clinica e strumentale
 - approccio olistico al paziente
 - buone competenze nel rapporto medico-paziente
 - conoscenza della morfologia umana: anatomia topografica e chirurgica
 - conoscenza nosografica della patologia
 - conoscenza dei principi alla base della tecnica microchirurgica sia spinale che cranica (open, mininvasiva e percutanea)

Competenza digitale

AUTOVALUTAZIONE				
Elaborazione delle informazioni	Comunicazione	Creazione di Contenuti	Sicurezza	Risoluzione di problemi
intermedio	intermedio	Intermedio	intermedio	intermedio

Livelli: Utente base - Utente intermedio - Utente avanzato

[Competenze digitali - Scheda per l'autovalutazione](#)

- Microsoft Word
- Microsoft Excel
- Microsoft Power Point
- Microsoft Office
- Softwares di gestione dei file DICOM (es. RadiAnt DICOM Viewer)
- Softwares di disegno tecnico (AutoCAD)

Altre competenze

- Sport: corsa di fondo praticata a livello non agonistico; Hobby: pianoforte e percussioni a livello amatoriale
- Recensione di articoli e testi di ambito scientifico

Patente di guida A e B

ULTERIORI INFORMAZIONI

- Socio della *European Association of Neurosurgical Societies* (EANS) dal 2019
- Socio della *Società Italiana di Neurochirurgia* (SINCH) dal 2018
- Socio di *AO Spine Foundation* dal 2017

Conferenze
Seminari
Corsi
Certificazioni

Articoli scientifici pubblicati su riviste internazionali indexate in qualità di first author, last author e co-author:

1. Khan MM, **Scalia G**, Shah N, Umana GE, Chavda V, Chaurasia B. Ethical Concerns of AI in Neurosurgery: A Systematic Review. *Brain Behav.* 2025 Feb;15(2):e70333. doi: 10.1002/brb3.70333. PMID: 39935215; PMCID: PMC11814476.
2. Paolini F, Marrone S, **Scalia G**, Gerardi RM, Bonosi L, Benigno UE, Musso S, Scerrati A, Iacopino DG, Signorelli F, Maugeri R, Visocchi M. Diffusion Tensor Imaging as Neurologic Predictor in Patients Affected by Traumatic Brain Injury: Scoping Review. *Brain Sci.* 2025, 15,70. <https://doi.org/10.3390/brainsci15010070>.
3. Kaushal-Deep SM, Bhat AR, Fayaz M, **Scalia G**, Robbani I, Wani MA, Lodhi M, Chaurasia B. Intraoperative variations in intra-axial brain tumor size after craniotomy: a prospective study with histopathological and tumor tissue composition correlation, introducing concepts of tumor expansion and tumor surfacing. *Neurosurg Rev* 48, 9 (2025). <https://doi.org/10.1007/s10143-024-03157-7>.
4. **Scalia G**, Giuffrida M, Ponzio G, Furnari M, Chaurasia B, Umana GE, Nicoletti GF. Use of ultrasonic bone dissector in diffuse idiopathic skeletal hyperostosis involving the cervical spine. *Annals of Medicine and Surgery* ();10.1097/MS9.0000000000002846, December 19, 2024. | DOI: 10.1097/MS9.0000000000002846
5. Marrone S, Orešković D, **Scalia G**, Iatì D, Inserra F, Umana GE. Letter to the Editor Regarding "Contralateral Vasospasm in an Uncomplicated Elective Anterior Communicating Artery Aneurysm Clipping". *World Neurosurg.* 2024 Nov;191:336-339. doi: 10.1016/j.wneu.2024.07.117. PMID: 39623626.
6. Graziano F, **Scalia G**, Chaurasia B, Umana GE, Gerardi RM, Galvano G, Barresi V, Garufi G, Marrone S, Costanzo R, Cardali S, Nicoletti G. IMProve-DURA: Investigations of Molecular Patient profiles and anatomical cadaveric characteristics of the Dura Mater - A Pilot Study Protocol. *World Neurosurg.* 2024 Nov 22:S1878-8750(24)01936-3. doi: 10.1016/j.wneu.2024.11.074. Epub ahead of print. PMID: 39581464.
7. Cipollina GP, Costanzo R, Campisi BM, **Scalia G**, Brunasso L, Bonosi L, Iacopino DG, Maugeri R. Pre-treatment DTI markers: predicting clinical outcomes in microvascular decompression for classic trigeminal neuralgia - a systematic review. *Neurosurg Rev.* 2024 Nov 4;47(1):833. doi: 10.1007/s10143-024-03062-z. PMID: 39489857.
8. **Scalia G**, Ferini G, Shams Z, Graziano F, Ponzio G, Giurato E, Galasso MG, Pumo V, Caruso M, Galvano G, Marrone S, Naimo J, Nicoletti GF, Umana GE. Spinal Metastases in Non-Seminomatous Germ Cell Testicular Tumors: Prognosis and Integrated Therapeutic Approaches-A Systematic Review with an Institutional Case Illustration. *Curr Oncol.* 2024 Nov 24;31(12):7459-7475. doi: 10.3390/curroncol31120551. PMID: 39727674.
9. **Scalia G**, Paolini F, Giovannini AE, Ferini G, Giorlandino A, Giurato E, Basile L, Furnari M, Nicoletti GF, Umana GE, Graziano F. Spinal Dumbbell

- Meningiomas: A Systematic Review. *Ann Ital Chir.* 2024;95(6):1009-1025. doi: 10.62713/aic.3696. PMID: 39723503.
10. Costanzo R, **Scalia G**, Noto M, Marrone S, Ferini G, Maugeri R, Iacopino DG, Nicoletti GF, Umana GE. Microgravity Effects on Glioma Cells: A Comprehensive Review. *Discov Med.* 2024 Nov;36(190):2143-2151. doi: 10.24976/Discov.Med.202436190.197. PMID: 39600270.
 11. Haq K, Waqas MA, Akhter S, Cardona JJ, **Scalia G**, Umana GE, Chaurasia B. Surgical resection of a rare scalp arteriovenous malformation: a case report. *Annals of Medicine & Surgery* 86(11):p 6805-6809, November 2024. | DOI: 10.1097/MS9.0000000000002596
 12. Nicoletti GF, Graziano F, Paolini F, Costanzo R, Poullay Silven M, Furnari M, Iacopino DG, Maugeri R, Chaurasia B, Ferini G, Umana GE, **Scalia G**. Novel Dural Opening Technique in Intradural Extramedullary Tumors at the Craniovertebral Junction: Three-Year Single-Center Experience. *Surg. Tech. Dev.* 2024, 13, 325–336. <https://doi.org/10.3390/std13040025>
 13. Umana GE, Ranganathan S, Poullay Silven M, Marrone S, Iacopino DG, Inserra F, Spadola S, Baldoncini M, Ferini G, **Scalia G**. Contralateral transcallosal transfalcine approach for bilateral intra-extraventricular anaplastic ganglioglioma via 'the trans-tumoral route': a technical case instruction. *Br J Neurosurg.* 2024 Sep 9:1-6. doi: 10.1080/02688697.2024.2400146. Epub ahead of print. PMID: 39246067.
 14. Ferini G, Zagardo V, Harikar M, Patanè D, **Scalia G**. Palliative stereotactic body radiation therapy for a case of neglected advanced facial basal cell carcinoma. *Int J Dermatol.* 2024 Sep 7. doi: 10.1111/ijd.17482. Epub ahead of print. PMID: 39244692.
 15. Passanisi M, Marrone S, **Scalia G**, Cicero S, Chaurasia B, Umana GE. Vermian multinodular and vacuolating lesion of unknown significance discovered following syncope: a case report. *Ann Med Surg (Lond).* 2024 Aug 22;86(10):6231-6235. doi: 10.1097/MS9.0000000000002493. PMID: 39359824; PMCID: PMC11444541.
 16. **Scalia G**, Ferini G, Graziano F, Marrone S, Giurato E, Galasso MG, Atallah O, Farooq M, Furnari M, Umana GE, Nicoletti GF. Intraventricular Glioblastomas: A Systematic Review of Multimodal Treatment Strategies. *Ann Ital Chir.* 2024;95(4):416-434. doi: 10.62713/aic.3529. PMID: 39186332.
 17. Zagardo V, Viola A, **Scalia G**, Palmisciano P, Umana GE, Ferini G. "Recurrent Pleomorphic Xanthoastrocytoma Presenting with Diffuse Leptomeningeal Spread". *Neurohospitalist.* 2024 Oct;14(4):468-470. doi: 10.1177/19418744241273267. Epub 2024 Aug 14. PMID: 39308458; PMCID: PMC11412449.
 18. **Scalia G**, Ferini G, Silven MP, Noto M, Costanzo R, Maugeri R, Iacopino DG, Zagardo V, Viola A, Nicoletti GF, Umana GE. Alterations of the Glymphatic System in Glioblastomas: A Systematic Review. *Anticancer Res.* 2024 Aug;44(8):3223-3230. doi: 10.21873/anticancer.17140. PMID: 39060078.

19. Costanzo R, **Scalia G**, Strigari L, Ippolito M, Paolini F, Brunasso L, Sciortino A, Iacopino DG, Maugeri R, Ferini G, Viola A, Zagardo V, Cosentino S, Umana GE. Nuclear medicine imaging modalities to detect incidentalomas and their impact on patient management: a systematic review. *J Cancer Res Clin Oncol*. 2024 Jul 25;150(7):368. doi: 10.1007/s00432-024-05891-3. PMID: 39052066; PMCID: PMC11272692.
20. **Scalia G**, Ponzo G, Giuffrida M, Patanè D, Riso MF, Garozzo A, Chaurasia B, Umana GE, Nicoletti GF. Stenotrophomonas maltophilia-associated odontogenic cerebral abscess in an immunocompetent patient: A case report. *Clin Case Rep*. 2024;12:e9168. doi:10.1002/ccr3.9168
21. Atallah O, **Scalia G**, Azab MA, Muthana A, Wawi O, Sanker V, Etaiwi AK, Hoz SS. The Role of Precentral Cerebellar Vein in Neurosurgery: An In-depth Review of Anatomy, Implications, and Risks, *Brain and Spine*, <https://doi.org/10.1016/j.bas.2024.102861>.
22. Encarnación Santos, D., **Scalia G**, Bozkurt, I, Volovish, A., Tapia Sierra, A., Wellington, J., & Chaurasia, B. (2024). Current insights and surgical interventions in craniovertebral junction instability: A systematic review and meta-analysis. *Romanian Neurosurgery*, 38(2), 180–188. Retrieved from <https://journals.lapub.co.uk/index.php/roneurosurgery/article/view/2639>.
23. Mushtaq A, Fayaz M, Bhat AR, Hussein AFA, Ferini G, Umana GE, **Scalia G**, Mir FA, Khursheed A, Chaurasia B. Comprehensive Analysis of Craniopharyngioma: Epidemiology, Clinical Characteristics, Management Strategies, and Role of Radiotherapy. *Cancer Diagn Progn*. 2024 Jul 3;4(4):521-528. doi: 10.21873/cdp.10358. PMID: 38962549; PMCID: PMC11215458.
24. Caterina AC, Filipescu R, Ioan Tefan F, Iszlai L, **Scalia G**, Graziano F, Chaurasia B. Sofia Ionescu: Pioneering the Birth of Neurosurgery in Romania and Becoming the First Female Neurosurgeon in the World. *World Neurosurg*. 2024 Jun 29:S1878-8750(24)01090-8. doi: 10.1016/j.wneu.2024.06.132. Epub ahead of print. PMID: 38950653.
25. Venkatesan S, **Scalia G**, Kumar VRR, Rajendran A, Jeyaraj M, Umana GE, Chaurasia B. Microsurgical Lesionectomy for Drug-Resistant Insular Cortex Epilepsy in Focal Cortical Dysplasia Type II B: A Pediatric Case Report. *Annals of Medicine & Surgery* ();10.1097/MS9.0000000000002282, June 19, 2024. | DOI: 10.1097/MS9.0000000000002282
26. Ferini G, **Scalia G**, Harikar M, Zagardo V, Castorina L, Comis A, Boncoraglio A, Chaurasia B, Palmisciano P, Umana GE. Comparative Analysis of Recurrent Glioblastoma Target Contours via 11C-methionine, 68 Ga-PSMA PET Imaging and MRI: Implications for Precision Radiotherapy Planning, *Advances in Radiation Oncology* (2024), doi: <https://doi.org/10.1016/j.adro.2024.101548>
27. Siddiqui AR, Kariem K, Fayaz M, **Scalia G**, Chaurasia B. Transorbital penetrating intracranial injury involving bilateral frontal lobes with evisceration of right eye: A case report. *Clin Case Rep*. 2024;12:e9018. doi:10.1002/ccr3.9018.

28. Agboola K, Chaurasia B, **Scalia G**, Umana GE, Montemurro N, Slinko E. Comprehensive insights into lumbar epidural varicose veins: Three clinical cases and surgical strategies. *J Craniovert Jun Spine* 2024;15:205-9.
29. Encarnación-Santos D, Valerievich K-A, **Scalia G**, Shestov E, Pachev M, Wellington J, Bozkurt I, Rubenovich-Chikava D, Kirilin I, Chmutin G, Tapia A, Ekhsan N, Chaurasia B. Spondylodiscitis: Understanding pathophysiology, surgical strategies, and postoperative management – A single-center study. *J Craniovert Jun Spine* 2024;15:185-9.
30. Ricciardo G, Garufi G, **Scalia G**, Cacciola F, Collufio D, Conti A, Cardali SM. Robot-assisted radiofrequency ablation for multiple spinal metastases – Technical insights and preliminary outcomes. *J Craniovert Jun Spine* 2024;15:166-72.
31. Minaam Farooq, Dahir Ashfaq, Kaleem Ullah Ranjha, Anil Ergen, Oday Atallah, Amr Badary, **Scalia G**. Liliequist Membrane: A Systematic Review of History, Anatomy, Clinical Importance, and Surgical Challenges. *Clinical Neurology and Neurosurgery*, (2024) doi: <https://doi.org/10.1016/j.clineuro.2024.108322>.
32. Encarnacion D, **Scalia G**, Bozkurt I, Wellington J, Kirilin I, Chaurasia B, Garcia M. Incidence and surgical outcomes of intracranial arachnoid cysts: A systematic review comparing endoscopic fenestration, open craniotomy and cystoperitoneal shunt approaches. *J Cerebrovasc Sci* 2023;11:81-8.
33. Abdullah M, Ahmad B, Tufail Z, Farooq M, Ranjha KU, **Scalia G**, Hoz SS, Malik AA. Neurosurgery and social media: A bibliometric analysis of scientific production from 2004-2023. *World Neurosurg.* 2024 Apr 26:S1878-8750(24)00701-0. doi: 10.1016/j.wneu.2024.04.128. Epub ahead of print. PMID: 38679373.
34. Javed S, Khan A, Khalid A, **Scalia G**, Umana GE, Mahmood A, Yaqoob E, Pahwa B, Chaurasia B. Scalp metastasis from atypical meningioma: A case report and literature review. *Clin Case Rep.* 2024;12:e8789. doi:10.1002/ccr3.8789
35. Ahmed N, **Scalia G**, Umana GE, Ranganathan S, Arifin S, Azam MI, Alam MM, Azab MA, Farooq M, Encarnacion-Santos D, Ahammed B, Atallah O, Chaurasia B. Olfactory Nerve Schwannoma: A Case Series with a Systematic Review of the Literature Focusing Risk Factors, Etiology, Clinical Presentation, and Management. *Oncologie*. Published Online 24 April 2024. <https://doi.org/10.1515/oncologie-2023-0586>.
36. Iqbal J, Khan MM, Thabet A, Mohammed K, **Scalia G**, Chaurasia B. Successful management of cervical tuberculosis and severe kyphosis using polyetheretherketone expandable cage and titanium plate: A case report. *Clin Case Rep.* 2024 Apr 16;12(4):e8793. doi: 10.1002/ccr3.8793. PMID: 38634094; PMCID: PMC11021619.
37. **Scalia G**, Porzio M, Costanzo R, Giurato E, Gibilisco F, Iacopino DG, Maugeri R, Nicoletti GF, Umana GE, Alessandrello R. Large Skull Metastasis in Follicular Thyroid Carcinoma: A Comprehensive Case Presentation and Systematic Review. *J Neurol Surg A Cent Eur Neurosurg.*

- 2024 Apr 15. doi: 10.1055/s-0044-1785650. Epub ahead of print. PMID: 38621710.
38. Singh D, **Scalia G**, Mathand VU, Chaurasia B. Cystic meningiomas: A complex diagnostic challenge and clinicopathological insights from a unique case presentation. *Clin Case Rep.* 2024 Apr 15;12(4):e8781. doi: 10.1002/ccr3.8781. PMID: 38623355; PMCID: PMC11017400.
 39. Mallik D, Chandrashekhar N, Rai AK, Dhingra S, Arora G, Gandhi S, **Scalia G**, Chaurasia B. Osteoblastoma of the frontal sinus: A rare case presenting with seizures and pneumocephalus. *Clin Case Rep.* 2024 Apr 15;12(4):e8776. doi: 10.1002/ccr3.8776. PMID: 38623357; PMCID: PMC11017458.
 40. Moreno I, **Scalia G**, Umana GE, Soriano C, Alcivar I, Chaurasia B. Giant cerebral cavernous malformation in a newborn: a rare case report and review of literature. *Childs Nerv Syst.* 2024 Apr 12. doi: 10.1007/s00381-024-06401-z. Epub ahead of print. PMID: 38607549.
 41. Encarnación-Santos D, Chmutin G, Bozkurt I, Chaurasia B, Umana GE, **Scalia G**. Letter to the Editor Regarding "What's in a Name? "Global Neurosurgery" in the 21st Century". *World Neurosurg.* 2024 Apr;184:341-342. doi: 10.1016/j.wneu.2023.11.133. PMID: 38590056.
 42. Encarnación-Santos D, Chmutin G, Bozkurt I, Chaurasia B, Umana GE, Nicoletti GF, **Scalia G**. Letter to the Editor Regarding "Minimally Invasive Spine Surgery: An Overview". *World Neurosurg.* 2024 Apr;184:353-354. doi: 10.1016/j.wneu.2023.11.141. PMID: 38590064.
 43. Garufi G, **Scalia G**, Ricciardo G, Umana GE, Conti A, Cardali SM. Spinal Intramedullary Meningiomas: A Systematic Review with A Case Illustration. *World Neurosurg.* 2024 Mar 26:S1878-8750(24)00509-6. doi: 10.1016/j.wneu.2024.03.124. Epub ahead of print. PMID: 38548054.
 44. Chaurasia B, Beraldo RF, Liebl B, Atallah O, **Scalia G**, Umana GE, Zarra F, Arnautovic K, Ganau M, Bozkurt I, Neri Alonso JR, Haridas A, Tamer WA, Farid A, Salim Ahmed AD, Regab AbdelSalam A, AbdelRahman AA, Demartini Junior Z, Garg K, Montilla F, Guinto Nava JO, Boop F. In Memoriam: Honoring our Esteemed Neurosurgeons Who Left us in 2023. *World Neurosurg.* 2024 Mar 21;185:297-306. doi: 10.1016/j.wneu.2024.02.144. Epub ahead of print. PMID: 38552590.
 45. Khursheed, A., Fayaz, M., Gani, M., Bhat, A. R., Wani, A. H., Zahir, Z., Khan, K., **Scalia G**, & Chaurasia, B. (2024). Characteristics and surgical management of spinal meningiomas in the Himalayan region. *Romanian Neurosurgery*, 38(1), 69–77. Retrieved from <https://journals.lapub.co.uk/index.php/roneurosurgery/article/view/2629>.
 46. Mamadaliev, D.M.; Saito, R.; Motomura, K.; Ohka, F.; **Scalia G**; Umana, G.E.; Conti, A.; Chaurasia, B. Awake Craniotomy for Gliomas in the Non-Dominant Right Hemisphere: A Comprehensive Review. *Cancers* 2024, 16, 1161. <https://doi.org/10.3390/cancers16061161>
 47. **Scalia G**, Priola SM, Ranganathan S, Venkataram T, Orestano V, Marrone S, Chaurasia B, Maugeri R, Iacopino DG, Strigari L, Salvati M, Umana GE.

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194. Umana GE, **Scalia G**, Fagone S, Strano G, Tranchina MG, Raudino G, Cicero S. Spontaneous Subgaleal Abscess Associated with Lung Adenocarcinoma: First Description of This Unusual Association. *World Neurosurg.* 2019 Nov; 131: 133-136. doi: 10.1016/j.wneu.2019.07.233. Epub 2019 Aug 7. PMID: 31400523.
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Abstracts e posters scientifici presentati a congressi nazionali ed internazionali in qualità di relatore e correlatore:

1. Barbagallo G, **Scalia G.**, Maione M., Certo F. Bilateral spinal decompression by extended unilateral mini-open TLIF in degenerative spondylolisthesis with central lumbar canal stenosis. Description of the surgical technique. Congress of Neurological Surgeons 2017 Annual Meeting. Boston, USA. 2017.
2. Barbagallo G., Maione M., **Scalia G.**, Certo F. Intraoperative Computed Tomography (i-CT) in brain tumor surgery: single center experience in 74 patients. Congress of Neurological Surgeons 2017 Annual Meeting. Boston, USA. 2017.
3. Barbagallo G, **Scalia G.**, Maione M., Certo F. Multimodal intraoperative imaging guidance with i-CT, i-US and 5-ALA fluorescence in brain tumors: overtreatment or combination of useful tools? Congress of Neurological Surgeons 2017 Annual Meeting. Boston, USA. 2017.
4. Certo F, Maione M, **Scalia G.**, Barbagallo G. Usefulness of 5-aminolevulinic acid (5-ALA) fluorescence guidance in surgical management of intracerebral metastases: a retrospective analysis. Congress of Neurological Surgeons 2017 Annual Meeting. Boston, USA. 2017.

5. Certo F, Maione M, **Scalia G.**, Barbagallo G. Supra-maximal Resection of Brain High-grade Gliomas: Usefulness of Navigated FLAIR Images and 5-ALA Fluorescence for Intraoperative Guidance. Congress of Neurological Surgeons 2017 Annual Meeting. Boston, USA. 2017.
6. Certo F, Raudino G, Maione M, **Scalia G.**, Montemagno G, Parisi G, Mancuso P, Barbagallo G. 5-aminolevulinic acid (5-ALA) fluorescence guidance in surgical resection of intracerebral metastases: a retrospective analysis. 66th SiNch Verona (Annual meeting of the Italian Society of Neurosurgery). 2017.
7. Maione M, Raudino G, **Scalia G.**, Garozzo M, Di Gregorio S, Certo F, Barbagallo G. An extremely uncommon case of chondrosarcoma metastasis to brain. 66th SiNch Verona (Annual meeting of the Italian Society of Neurosurgery). 2017.
8. Di Gregorio S, Certo F, Maione M, **Scalia G.**, Parisi G, Mancuso P, Barbagallo G. Rapidly growing multicentric glioblastoma initially diagnosed as cortical dysplasia: description of an unusual condition. 66th SiNch Verona (Annual meeting of the Italian Society of Neurosurgery). 2017.
9. Barbagallo G, Certo F, Maione M, Raudino G, Garozzo M, **Scalia G.** I-CT, i-US and 5-ALA fuorescence in brain metasteases and gliomas combined use of different intraoperative tools to increase the extent of tumor resection. 66th SiNch Verona (Annual meeting of the Italian Society of Neurosurgery). 2017.
10. Maione M, Certo F, **Scalia G.**, Raudino G, Barbagallo G. Pros and cons of a minimally invasive percutaneous subdural drainage system compared to standard subdural drainage for evacuation of chronic subdural hematoma. 66th SiNch Verona (Annual meeting of the Italian Society of Neurosurgery). 2017.
11. **Scalia G.**, Certo F, Maione M, Di Gregorio S, Garozzo M, Barbagallo G. Anatomical variations of the lateral and third ventricles: a challenging knowledge for safety and efficacy of the endoscopic third ventriculostomy procedures. 66th SiNch Verona (Annual meeting of the Italian Society of Neurosurgery). 2017.
12. Barbagallo G, Raudino G, Maione M, **Scalia G.**, Certo F. Navigated 3D FLAIR and 5-ALA fluorescence guided surgery in high-grade gliomas: an intraoperative imaging protocol for supra-maximal resection. EANS Annual Meeting, Venice. 2017.
13. Barbagallo G, Raudino G, Maione M, **Scalia G.**, Certo F. Safety and effectiveness of intraoperative Computed Tomography (i-CT) in brain tumor surgery: single center experience in 74 patients. EANS Annual Meeting, Venice. 2017.
14. Di Gregorio S, Certo F, Maione M, **Scalia G.**, Barbagallo G. Cortical dysplasia anticipating rapidly growing multicentric glioblastoma; misdiagnosis or pre-neoplastic lesion? EANS Annual Meeting, Venice. 2017.
15. **Scalia G.**, Certo F, Maione M. Barbagallo G. Spinal epidural metastasis from Ewing sarcoma of the acetabular zone. EANS Annual Meeting, Venice. 2017.
16. Barbagallo G, Raudino G, **Scalia G.**, Maione M, Certo F. Bilateral spinal decompression by estende unilateral mini-open TLIF in degenerative spondilolystesis with central lumbar canal stenosi. Description of the surgical technique. EANS Annual Meeting, Venice. 2017.
17. G. Raudino, **G. Scalia**, M. Maione, F. Certo, G. Barbagallo. Rilevazione precoce di instabilità a livello della giunzione craniovertebrale nelle mucopolisaccaridosi: punto chiave nella prevenzione di danno irreversibile del nevrasse nella nuova era dello screening neonatale e della terapia enzimatica sostitutiva. 67th SiNch Ancona (Annual meeting of the Italian Society of Neurosurgery). 2018.

18. F. Certo, G. Raudino, M. Maione, **G. Scalia**, G. Barbagallo. Pattern di fluorescenza nella chirurgia dei tumori gliali estesi alla sostanza bianca periventricolare, assistita da 5-ala. Video report con focus sulle intensità di fluorescenza e la tecnica di resezione. 67th SiNch Ancona (Annual meeting of the Italian Society of Neurosurgery). 2018.
19. G. Barbagallo, **G. Scalia**, G. Raudino, M. Maione, F. Certo. Compressione midollare e mielopatia da pannus retro-odontoideo di C2: evidenza scientifica sul ruolo della osteosintesi posteriore C1-C2 abbinata a resezione dell'arco posteriore di C1. 67th SiNch Ancona (Annual meeting of the Italian Society of Neurosurgery). 2018.
20. G. Barbagallo, **G. Scalia**, F. Certo. Management chirurgico di un voluminoso craniofaringioma esteso alla fossa cranica anteriore, media e posteriore: video report. 67th SiNch Ancona (Annual meeting of the Italian Society of Neurosurgery). 2018.
21. G. Barbagallo, M. Maione, **G. Scalia**, F. Certo. Valutazione e gestione intraoperatoria dei residui di neoplasia nei tumori intra-assiali, mediante la combinazione di tc intraoperatoria, ecografia neuronavigata intraoperatoria, fluorescenza con 5-ala e neuromonitoraggio. 67th SiNch Ancona (Annual meeting of the Italian Society of Neurosurgery). 2018.
22. G. Barbagallo, M. Maione, **G. Scalia**, G. Raudino, F. Certo. Utilizzo di cages zero-profile, per l'acdf a tre e quattro livelli cervicali. Analisi clinicoradiologica con focus sull'allineamento cervicale correlato all'outcome. 67th SiNch Ancona (Annual meeting of the Italian Society of Neurosurgery). 2018.
23. F. Certo, A. Morrone, M. Maione, **G. Scalia**, G. Barbagallo. Resezione sovramassimale nei glioblastomi basata su navigazione di sequenze flair volumetriche correlate con 5-ala. Analisi dell'outcome clinico e dei parametri di sopravvivenza in una serie di 54 pazienti. 67th SiNch Ancona (Annual meeting of the Italian Society of Neurosurgery). 2018.
24. **G. Scalia**, F. Certo, M. Maione, G. Raudino, G. Barbagallo. Arachnoiditis ossificans associated with ankylosing spondylitis, history of previous spinal trauma and related surgery: case report and review of the literature on a very rare and challenging condition. 67th SiNch Ancona (Annual meeting of the Italian Society of Neurosurgery). 2018.
25. **G. Scalia**, E. Ferrari, F. Certo, G. Barbagallo. Vertebral brown tumors and hyperparathyroidism-jaw tumor syndrome: case report, surgical management and review of the literature on this unusual association. 67th SiNch Ancona (Annual meeting of the Italian Society of Neurosurgery). 2018.
26. **G. Scalia**, F. Certo, A. Morrone, G. Raudino, G. Barbagallo. Intraoperative CT: a feasible tool in pediatric brain tumor surgery 67th SiNch Ancona (Annual meeting of the Italian Society of Neurosurgery). 2018.
27. Morrone, **G. Scalia**, M. Maione, F. Certo, G.M.V. Barbagallo. Intraoperative imaging in over 70-years-old for high-grade glioma. 67th SiNch Ancona (Annual meeting of the Italian Society of Neurosurgery). 2018.
28. G. Raudino, **G. Scalia**, M. Maione, F. Certo and G. Barbagallo. Long-term external lumbar drainage and continuous intracranial pressure monitoring: a procedure to identify patients with normal pressure hydrocephalus and study of its predictive value into therapeutic management. 67th SiNch Ancona (Annual meeting of the Italian Society of Neurosurgery). 2018.

29. E. Ferrari, F. Certo, S. Di Gregorio, M. Maione, **G. Scalia**, G.M.V. Barbagallo. Integration of enhanced mri, t2/flair and 11c-met-pet in surgical management and postoperative assessment of brain gliomas: a clinical series. 67th SiNch Ancona (Annual meeting of the Italian Society of Neurosurgery). 2018.
30. G.F. Nicoletti, G.E. Umana, F. Graziano, C. Riolo, G. Magro, G. Bartoloni, **G. Scalia**. Purely intraventricular desmoplastic infantile astrocytoma. EANS annual meeting, Belgrade, 2020.
31. G.F. Nicoletti, G.E. Umana, F. Graziano, A. Florio, **G. Scalia**. Repair of a spinal pseudomeningocele in a delayed postsurgical CSF leak using titanium U-clips: technical note. EANS annual meeting, Belgrade, 2020.
32. G.E. Umana, **G. Scalia**, S. Fagone, G. Strano, M.G. Tranchina, G. Raudino, S. Cicero. Spontaneous subgaleal abscess associated with lung adenocarcinoma: first description of this unusual association. EANS annual meeting, Belgrade, 2020.
33. M. Fricia, G.E. Umana, **G. Scalia**, G. Raudino, M. Passanisi, A. Spitaleri, S. Cicero. Post-traumatic triple acute epidural hematomas: first report of bilateral synchronous epidural hematoma and a third delayed. EANS annual meeting, Belgrade, 2020.
34. G.E. Umana, C. Cristaudo, **G. Scalia**, M. Passanisi, G. Corsale, L. Tomarchio, G.F. Nicoletti, S. Cicero, M. Fricia. Chronic epidural hematoma caused by traumatic intracranial pseudoaneurysm of the middle meningeal artery: review of the literature with a focus on this unique entity. EANS annual meeting, Belgrade, 2020.
35. G.E. Umana, N. Alberio, P. Amico, A.M. Lavecchia, S. Fagone, M. Fricia, G.F. Nicoletti, S. Cicero, **G. Scalia**. Giant cystic brain metastasis from ovarian papillary serous adenocarcinoma: case report and review of the literature. EANS annual meeting, Belgrade, 2020.
36. G. Nicoletti, G. Galvano, M.V. Raciti, M. Furnari, C. Riolo, A. Cannella, D.G. Iacopino. A. Scavone, E. Lo Bue, G.E. Umana, **G. Scalia**, F. Graziano. Combined endovascular and surgical management for pediatric trigeminal schwannoma: case report and literature review. EANS annual meeting, Belgrade, 2020.
37. G.E. Umana, M. Passanisi, M. Fricia, S. Cicero, A. Narducci, G.F. Nicoletti, **G. Scalia**. Conservative treatment of perimedullary arteriovenous fistula of the craniocervical junction associated with venous pseudoaneurysm. EANS annual meeting, Belgrade, 2020.
38. G.E. Umana, M. Teli, M. Passanisi, **G. Scalia**, G. Longo, A. Spitaleri, M. Fricia, G. Ponzio, G.F. Nicoletti, S. Cicero, M. Visocchi. Suicidal jumper's fractures: review of the literature and proposal of a modified Roy-Camille classification. EANS annual meeting, Belgrade, 2020.
39. G.E. Umana, A. Spitaleri, M. Fricia, I. Indorato, S. Cicero, G.F. Nicoletti, F. Graziano, **G. Scalia**. Diffuse cerebral angiomas associated to basilar apex aneurysm. EANS annual meeting, Belgrade, 2020.
40. G.E. Umana, G. Raudino, N. Alberio, F. Inserra, G. Giovinazzo, M. Fricia, S. Chiriatti, G.F. Nicoletti, S. Cicero, **G. Scalia**. Slit-like hypertensive hydrocephalus: report of a late, complex and multifactorial complication in an oncologic patient. EANS annual meeting, Belgrade, 2020.
41. G.E. Umana, **G. Scalia**, M. Fricia, A. Spitaleri, S. Cicero, G.F. Nicoletti, F. Graziano, N. Alberio. The one-step edge-to-edge technique in ventriculoperitoneal shunt. EANS annual meeting, Belgrade, 2020.

42. G.E. Umana, **G. Scalia**, M. Fricia, G.F. Nicoletti, F. Graziano, G. Iacopino, R. Maugeri, S. Cicero, N. Alberio. Diamond-shaped craniotomy: a new concept in neurosurgery. EANS annual meeting, Belgrade, 2020.
43. G.E. Umana, S. Cicero, A. Spitaleri, M. Fricia, S. Fagone, G.F. Nicoletti, **G. Scalia**. Ultrasonic BoneScalpel in anterior clinoidectomy and posterior fossa surgery: case series and technical note. EANS annual meeting, Belgrade, 2020.
44. G.E. Umana, M. Visocchi, **G. Scalia**, M. Passanisi, M. Fricia, S. Fagone, F. Graziano, G.F. Nicoletti, S. Cicero. Minimally invasive percutaneous anterior odontoid screw fixation: institutional experience with a simple and effective technique. EANS annual meeting, Belgrade, 2020.
45. G.E. Umana, S. Chiriatti, E. Roca, **G. Scalia**, M. Fricia, N. Alberio, F. Graziano, G.F. Nicoletti, S. Cicero, A. Spitaleri. New tools in percutaneous minimally invasive chronic subdural hematomas evacuation. EANS annual meeting, Belgrade, 2020.
46. G.E. Umana, **G. Scalia**, C. Perrone, F. Garaci, A. Pagano, A. De Luna, S. Cicero, G.F. Nicoletti, P. Lunardi. Safety and efficacy of navigated trocarless pedicle screw placement: technical note. EANS annual meeting, Belgrade, 2020.
47. G.E. Umana, **G. Scalia**, M. Passanisi, M. Fricia, G.F. Nicoletti, S. Cicero, E. Roca. Spinal angioliomas: a systematic review. EANS annual meeting, Belgrade, 2020.
48. G.E. Umana, N. Alberio, M. Fricia, S. Chiriatti, G.F. Nicoletti, S. Cicero, **G. Scalia**. Vertebrobasilar dolichoectasia and biventricular hydrocephalus: a systematic review. EANS annual meeting, Belgrade, 2020.
49. Rahman, N. Ahmed, P. Baniya, **G. Scalia**, G.E. Umana, B. Chaurasia. Primary sellar neuroblastoma mimicking invasive pituitary adenoma: a systematic review. EANS annual meeting, Belgrade, 2020.
50. G.E. Umana, A. Spitaleri, M. Fricia, F. Barone, M. Passanisi, G.F. Nicoletti, **G. Scalia**, F. Graziano, S. Cicero. Piezosurgery nella clinoidectomia anteriore e nella chirurgia della fossa posteriore: technical note. 69th SINch Roma (Annual meeting of the Italian Society of Neurosurgery). 2020.
51. E. Lo Bue, **G. Scalia**, L. Brunasso, G. Cammarata, G.F. Nicoletti, R. Maugeri, D.G. Iacopino, G.E. Umana, F. Graziano. The boundless world of cranioplasty: a multicenter retrospective study and therapeutic flow-chart patient-specific based. 69th SINch Roma (Annual meeting of the Italian Society of Neurosurgery). 2020.
52. C. Giacomo, L. Brunasso, E. Lo Bue, D.G. Iacopino, G.F. Nicoletti, G. Ponzo, R. Maugeri, G. Umana, **G. Scalia**, F. Graziano. Accuracy of pedicle screw placement with spinal navigation assisted by intraoperative oarm imaging system: a multicentric retrospective study. 69th SINch Roma (Annual meeting of the Italian Society of Neurosurgery). 2020.
53. G.F. Nicoletti, M. Furnari, M. Giuffrida, G. Ponzo, **G. Scalia**, D.G. Iacopino, G. Cammarata, L. Brunasso, E. Lo Bue, F. Graziano. A new tool to improve pedicle screw placement accuracy in navigated spine surgery: a monocentric study. 69th SINch Roma (Annual meeting of the Italian Society of Neurosurgery). 2020.
54. Umana GE, Spitaleri A, Passanisi M, Fricia M, Crea A, **Scalia G**, Cicero S, Tomasi SO. Role of three-dimensional intraoperative navigation, multiplanar imaging and augmented reality in complex spine revision surgery. NYC-MISS 2020 - 14th New York City MIS, Endoscopy, Robotics, 3D Navigation & Augmented Reality Spine Symposium: Case Based and Global. Weill Cornell Brain and Spine Center. 11 Dicembre, 2020.

55. G.E. Umana, S.O. Tomasi, **G. Scalia**, G. Raudino, R.L. Rubio-Rodriguez, J. Rechberger, P. Geiger, B. Chaurasia, K. Yagmurlu, M.T. Lawton, P.A. Winkler. Perforating arteries of the lemniscal trigone: a microsurgical neuroanatomic description. eEANS 2021 Virtual Congress. October 3-7, 2021.
56. G.E. Umana, **G. Scalia**, G. Pompili, F. Barone, M. Passanisi, F. Graziano, R. Maugeri, SO. Tomasi, G. Raudino, B. Chaurasia, D.G. Iacopino, G.F. Nicoletti, S. Cicero, L. Strigari, R.E. Perrotta. Primary extracranial meningiomas of head and neck: a systematic review. eEANS 2021 Virtual Congress. October 3-7, 2021.
57. **G. Scalia**, S. Marrone, R. Costanzo, G.E. Umana, A. Giuffrida, F. Graziano, M. Furnari, D.G. Iacopino, G.F. Nicoletti. Spontaneous anterior cervico-thoracic spinal epidural hematoma extending up to clivus in recent SARS-CoV-2 infection. eEANS 2021 Virtual Congress. October 3-7, 2021.
58. G.E. Umana, **G. Scalia**, K. Yagmurlu, R. Maugeri, F. Graziano, M. Fricia, G.F. Nicoletti, SO. Tomasi, G. Raudino, B. Chaurasia, M. Salvati, D.G. Iacopino, S. Cicero, L. Strigari, M. Visocchi. Multimodal simulation of a novel device for a safe and effective external ventricular drain placement. eEANS 2021 Virtual Congress. October 3-7, 2021.
59. G.E. Umana, F. Barone, F. Inerra, **G. Scalia**, A. Crea, F. Graziano, SO. Tomasi, R. Maugeri, D.G. Iacopino, S. Cicero, L. Strigari. 68Ga-DOTATOC PET/CT follow-up after single or hypofractionated Gamma Knife ICON radiosurgery for meningioma patients. eEANS 2021 Virtual Congress. October 3-7, 2021.
60. G.E. Umana, F. Barone, B. Chaurasia, G. Pompili, S. Cicero, G.F. Nicoletti, **G. Scalia**. Extra-neural metastases from intracranial ependymomas. eEANS 2021 Virtual Congress. October 3-7, 2021.
61. **Scalia G**, Marrone S, Costanzo R, Umana GE, Graziano F, Ponzo G, Giuffrida M, Furnari M, Iacopino DG, Nicoletti GF. Fahr's disease and brain tumors: case report and literature review. eEANS 2021 Virtual Congress. October 3-7, 2021.
62. **Scalia G**, Marrone S, Costanzo R, Umana GE, Graziano F, Riolo C, Furnari M, Iacopino DG, Nicoletti GF. Bilateral post-traumatic hygromas in patient with fronto-temporal dementia. eEANS 2021 Virtual Congress. October 3-7, 2021.
63. Barone F, Inerra F, **Scalia G**, Crea A, Graziano F, Maugeri R, Tomasi SO, Iacopino DG, Cicero S, Strigari L, Umana GE. 68Ga-DOTATOC PET/CT follow-up after single or hypofractionated gamma knife ICON radiosurgery for meningioma patients. 70th SINch Milano (Annual meeting of the Italian Society of Neurosurgery). 14-16 Ottobre 2021.
64. Marrone S, **Scalia G**, Costanzo R, Umana GE, Zingale A, Riolo C, Graziano F, Maugeri R, Iacopino DG, Nicoletti GF. Burr-hole su cranioplastica in peek per la gestione dell'ematoma subdurale cronico. 70th SINch Milano (Annual meeting of the Italian Society of Neurosurgery). 14-16 Ottobre 2021.
65. Marrone S, **Scalia G**, Costanzo R, Furnari M, Riolo C, Giuffrida M, Ponzo G, Graziano F, Maugeri M, Iacopino DG, Nicoletti GF. Rallentata riespansione cerebrale in pazienti schizofrenici affetti da ematoma subdurale cronico di tipo trabecolare. 70th SINch Milano (Annual meeting of the Italian Society of Neurosurgery). 14-16 Ottobre 2021.
66. Calì A, Marrone S, **Scalia G**, Riolo C, Vasta G, Iacopino DG, Nicoletti GF. Rimozione endoscopica "one-step" neuronavigata di frammenti di cateteri intraventricolari. 70th SINch Milano (Annual meeting of the Italian Society of Neurosurgery). 14-16 Ottobre 2021.

67. Umana GE, Passanisi M, **Scalia G**, Palmisciano P, Crea A, Luca M, Spitaleri A, Corbino L, Cicero S. Utilità della fissazione del carbonio-peek nella malattia della colonna cervicale anteriore. Nota tecnica. 70th SINch Milano (Annual meeting of the Italian Society of Neurosurgery). 14-16 Ottobre 2021.
68. Umana GE, Passanisi M, Fricia M, **Scalia G**, Inserra F, Spitaleri A, Chiriatti S, Franceschini D, Cicero S. Utilità dell'approccio transpeduncolare bilaterale nella corpectomia toraco-addominale. Studio retrospettivo e review. 70th SINch Milano (Annual meeting of the Italian Society of Neurosurgery). 14-16 Ottobre 2021.
69. Umana GE, **Scalia G**, Yagmurlu K, Spitaleri A, Maugeri R, Graziano F, Fricia M, Nicoletti GF, Tomasi SO, Raudino G, Chaurasia B, Salvati M, Iacopino DG, Cicero S, Visocchi M, Strigari L. Multimodal simulation of a novel device for a safe and effective external ventricular drain placement. 70th SINch Milano (Annual meeting of the Italian Society of Neurosurgery). 14-16 Ottobre 2021.
70. **Scalia G**, Costanzo R, Marrone S, Ponzo G, Giuffrida M, Umana GE, Iacopino DG, Nicoletti GF. Concomitante angioma cavernoso intradiploico gigante e neurotoxoplasmosi multifocale. 70th SINch Milano (Annual meeting of the Italian Society of Neurosurgery). 14-16 Ottobre 2021.
71. Costanzo R, **Scalia G**, Marrone S, Ponzo G, Giuffrida M, Umana GE, Iacopino DG, Nicoletti GF. Linfoma di burkitt spinale primario: caso clinico e revisione della letteratura. 70th SINch Milano (Annual meeting of the Italian Society of Neurosurgery). 14-16 Ottobre 2021.
72. Marrone S, **Scalia G**, Costanzo R, Umana GE, Furnari M, Giuffrida A, Giuffrida M, Ponzo G, Graziano F, Maugeri R, Iacopino DG, Nicoletti GF. Ematoma epidurale spinale cervicotoracico anteriore spontaneo che si estende fino al clivus in recente infezione da sars-cov-2. 70th SINch Milano (Annual meeting of the Italian Society of Neurosurgery). 14-16 Ottobre 2021.
73. Palmisciano P, Inserra F, Barone F, **Scalia G**, Da Ros V, Abdelsalam A, Crea A, Sabini MG, Tomasi SO, Maugeri R, Iacopino DG, Cicero S, Strigari L, Griessenauer CJ, Umana GE. Hypofractionated Gamma knife Radiosurgery: Institutional Experience on Benign and Malignant Intracranial Tumors. Oral Presentation. "Tumor Section Symposium" – Congress of Neurological Surgeons Annual Meeting, Austin (TX), 15 October 2021.
74. Umana GE, Cicero S, Spitaleri A, Fricia M, Fagone S, Nicoletti GF, **Scalia G**. Piezosurgery in anterior clinoidectomy and posterior fossa surgery: technical note. XVI National Congress SIB. University of Insubria, Varese. November 11-12, 2021.
75. Palmisciano P, **Scalia G**, Cicero S, Spitaleri A, Fricia M, Tomasi SO, Nicoletti GF, Visocchi M, Umana GE. Use of Bonescalpel Ultrasonic Bone Dissector in Anterior Clinoidectomy and Posterior Fossa Surgery: Technical Note. 31st Annual North American Skull Base Society Meeting. Phoenix, AZ, USA. February 18-20, 2022.
76. Palmisciano P, Pucci R, Cassoni A, Ricciardi L, Strigari L, **Scalia G**, Valentini V, Umana GE. Cerebrospinal Fluid Leaks Following Anterior Skull Base Trauma: A Systematic Review of the Literature. 31st Annual North American Skull Base Society Meeting. Phoenix, AZ, USA. February 18-20, 2022.
77. Palmisciano P, Haider AS, Sabahi M, Nwagwu CD, Alamer OB, **Scalia G**, Pathmanaban O, Umana GE, Cohen-Gadol A, El Ahmadi TY, Yu K. Primary Chondrosarcomas of the Skull Base: A Systematic Review. 31st Annual North American Skull Base Society Meeting. Phoenix, AZ, USA. February 18-20, 2022.

78. Palmisciano P, Haider AS, Ogasawara C, Wahood W, Alamer OB, Gupta AD, **Scalia G**, Pathmanaban O, Umana GE, Cohen-Gadol A, El Ahmadi TY, Yu K. Orbital Metastases: A Systematic Review of Clinical Characteristics, Management Strategies, and Survival Outcomes. 31st Annual North American Skull Base Society Meeting. Phoenix, AZ, USA. February 18-20, 2022.
79. Palmisciano P, Sagoo NS, Chen AL, Balasubramanian K, Bin Alamer O, **Scalia G**, Umana GE, Aoun SG, Haider AS. Denosumab vs Radiotherapy vs Selective Arterial Embolization in Inoperable Spine Giant Cell Tumors: A Meta-Analysis. Oral Presentation. Congress of Neurological Surgeons (CNS) Spine Section – Spine Summit 2022. Las Vegas (NV), 26 February 2022.
80. Palmisciano P, Sagoo NS, Haider AS, Ogasawara C, Ogasawara M, Bin Alamer O, Heidari KS, **Scalia G**, Umana GE, Krishnaney AA, Aoun SG, Passias PG, Vira S. Primary Paraganglioma of the Spine: A Systematic Review. Oral Presentation. Congress of Neurological Surgeons (CNS) Spine Section – Spine Summit 2022. Las Vegas (NV), 26 February 2022.
81. Palmisciano P, Kharbat AF, Lokesh N, Bin Alamer O, **Scalia G**, Umana GE, Cohen-Gadol AA, Yu K, El Ahmadi TY, Sawaya R, Haider AS. Brain Metastases from Uncommon Primary Cancer Sites: A Systematic Review. Poster Presentation. American Association of Neurological Surgeons (AANS) 2022 Annual Scientific Meeting. Philadelphia (PA), 29 April-2 May 2022.
82. Palmisciano P, Balasubramanian K, Kenfack YJ, Bin Alamer O, **Scalia G**, Umana GE, Cohen-Gadol AA, Yu K, El Ahmadi TY, Sawaya R, Haider AS. Intracranial Dural-based Metastases: A Systematic Review. Poster Presentation. American Association of Neurological Surgeons (AANS) 2022 Annual Scientific Meeting. Philadelphia (PA), 29 April-2 May 2022.
83. Wellington J, Crea A, Chaurasia B, Chavda V, Corbino L, Franceschini D, Tranchina MG, Fricia M, Graziano F, Cicero S, **Scalia G**, Umana GE. Delayed bilateral, post-traumatic extra-subdural hematomas in a patient with meningioma. British Neuro-Oncology Society Meeting, June 2022.
84. Palmisciano P, Ferini G, **Scalia G**, Haider AS, Bin-Alamer O, Sagoo N, Bozkurt I, Deora H, Priola S, Aoun SG, Umana GE. The Role of Radiation Therapy in the Treatment of Spine Metastases from Hepatocellular Carcinoma: A Systematic Review and Meta-Analysis. Poster Presentation. Congress of Neurological Surgeons (CNS) 2022 Annual Meeting. San Francisco (CA), 8-12 October 2022.
85. Palmisciano P, Ogasawara C, Ogasawara M, Ferini G, **Scalia G**, Haider AS, Bin-Alamer O, Salvati M, Umana GE. Endocrine Disorders after Upfront Gamma Knife Radiosurgery for Pituitary Adenomas: A Systematic Review and Meta-Analysis. Poster Presentation. Congress of Neurological Surgeons (CNS) 2022 Annual Meeting. San Francisco (CA), 8-12 October 2022.
86. Graziano F, Scalia G, Paolini F, Umana GE, Maugeri R, Iacopino DG, Nicoletti GF. “The double S” technique: dissezione per via subfasciale e splitting del muscolo temporale per prevenire le fistole liquorali e massimizzare l’esposizione chirurgica nelle craniotomie temporali. 71th SINch Napoli (Annual meeting of the Italian Society of Neurosurgery). 13-15 Ottobre 2022.
87. **Scalia G**, Paolini F, Graziano F, Vasta G, Umana GE, Furnari F, Iacopino DG, Nicoletti GF. Apertura durale modificata “a libro” nelle neoplasie intradurali extramidollari della giunzione cranio-vertebrale. 71th SINch Napoli (Annual meeting of the Italian Society of Neurosurgery). 13-15 Ottobre 2022.

88. Paolini F, **Scalia G**, Riolo C, Furnari M, Graziano F, Umana GE, Iacopino DG, Nicoletti GF. "Brain Stones". Crisi epilettiche subentranti da meningioma metaplastico calcifico in area motoria. Case report e review della letteratura. 71th SINch Napoli (Annual meeting of the Italian Society of Neurosurgery). 13-15 Ottobre 2022.
89. Costanzo R, **Scalia G**, Porzio M, Benigno UE, Paolini F, Gerardi RM, Furnari M, Vasta G, Maugeri R, Iacopino DG, Nicoletti GF, Graziano F. Studio retrospettivo multicentrico sui meningiomi del basicranio anteriore: approccio chirurgico pterionale comparato a quello interemisferico anteriore. 71th SINch Napoli (Annual meeting of the Italian Society of Neurosurgery). 13-15 Ottobre 2022.
90. **Scalia G**, Costanzo G, Ponzo G, Furnari M, Palmisciano P, Umana GE, Iacopino DG, Nicoletti GF. Brain abscess after meningioma removal caused by *Citrobacter freundii* infection in an adult. 71th SINch Napoli (Annual meeting of the Italian Society of Neurosurgery). 13-15 Ottobre 2022.
91. Costanzo R, Marrone S, Umana GE, Graziano F, Furnari M, Ponzo G, Giuffrida M, Iacopino DG, Nicoletti GF, **Scalia G**. Thoracic dumbbell spinal chordoma mimicking a schwannoma. 71th SINch Napoli (Annual meeting of the Italian Society of Neurosurgery). 13-15 Ottobre 2022.
92. Costanzo R, Marrone S, Umana GE, Graziano F, Furnari M, Ponzo G, Giuffrida M, Iacopino DG, Nicoletti GF, **Scalia G**. Thoracic dumbbell spinal chordoma mimicking a schwannoma. EANS annual meeting, Belgrade, 16-20 October 2022.
93. Costanzo R, Marrone S, Umana GE, Giuffrida M, Furnari M, Salerno M, Consoli U, Iacopino DG, Nicoletti GF, **Scalia G**. Primary spinal Burkitt's lymphoma: case report and literature review. EANS annual meeting, Belgrade, 16-20 October 2022.
94. Graziano F, **Scalia G**, Paolini F, Umana GE, Maugeri R, Iacopino DG, Nicoletti GF. "The double S" technique: subfascial dissection and temporalis muscle splitting to prevent cerebrospinal fluid leak and maximize surgical exposure. EANS annual meeting, Belgrade, 16-20 October 2022.
95. **Scalia G**, Marrone S, Paolini F, Palmisciano P, Ponzo G, Giuffrida M, Furnari M, Iacopino DG, Nicoletti GF, Umana GE. Spinal epidural abscess due to acute pyelonephritis. Case report and literature review. EANS annual meeting, Belgrade, 16-20 October 2022.
96. Paolini F, Bonosi L, Marrone S; Benigno UE, Musso S, Gerardi RM, Giammalva GR, Umana GE, Graziano F, **Scalia G**, Palmisciano P, Iacopino DG, Maugeri R. Diffusion Tensor Imaging (DTI) as a predictor of neurological outcome in patients affected by Traumatic brain injury (TBI). A systematic review. EANS annual meeting, Belgrade, 16-20 October 2022.
97. F. Inserra, F. Barone, P. Palmisciano, **G. Scalia**, J. Wellington, V. Da Ros, A. Abdelsalam, A. Crea, M.G. Sabini, S.O. Tomasi, G. Ferini, R. Maugeri, L. Strigari, G.E. Umana. Hypofractionated Gamma Knife radiosurgery: institutional experience on benign and malignant intracranial tumors. EANS annual meeting, Belgrade, 16-20 October 2022.
98. S.O. Tomasi, G.E. Umana, L.J. De Simone, G. Raudino, S.M. Priola, P. Palmisciano, **G. Scalia**, F. Graziano, C. Capone, P.F. Cappai, S. Roetzer, G. Garcia-Oriola, B. Chaurasia, G.A. Fieggen, G. Iaconetta, M.T. Lawton, P.A. Winkler, New perspectives in the surgical neuroanatomy of the subfrontal translamina terminalis approach, *Brain and Spine*, Volume 2, Supplement 2, 2022, 101299, ISSN 2772-5294, <https://doi.org/10.1016/j.bas.2022.101299>.

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100. **G. Scalia**, M. Poullay Silven, R. Costanzo, G. Ponzo, A. Florio, S. Pettinato, L. Terranova, D.G. Iacopino, G.E. Umana, G.F. Nicoletti. Traumi cranici causati dall'elica di motoscafi: revisione sistematica della letteratura ed illustrazione di un caso. 72th SINch Padova (Annual meeting of the Italian Society of Neurosurgery). 12-14 Ottobre 2023.
101. **G. Scalia**, F. Graziano, R. Costanzo, M. Porzio, M. Furnari, G. Ponzo, M. Giuffrida, G. Ricciardo, G. Garufi, D.G. Iacopino, G.F. Nicoletti, S.M. Cardali. Chirurgia robotica a confronto con la chirurgia neuronavigata nel posizionamento di viti transpeduncolari: Esperienza preliminare di uno studio multicentrico comparativo. 72th SINch Padova (Annual meeting of the Italian Society of Neurosurgery). 12-14 Ottobre 2023.
102. F. Graziano, G. Vasta, G. Galvano, **G. Scalia**, G.F. Nicoletti. Peripheral nerve field stimulation for persistent spinal pain syndrome: Less is more?. 72th SINch Padova (Annual meeting of the Italian Society of Neurosurgery). 12-14 Ottobre 2023.
103. G.F. Nicoletti, **G. Scalia**, M. Furnari, M. Giuffrida, G. Ponzo, F. Graziano. Un nuovo strumento per migliorare l'accuratezza del posizionamento delle viti transpeduncolari nella chirurgia spinale navigata: uno studio monocentrico. 72th SINch Padova (Annual meeting of the Italian Society of Neurosurgery). 12-14 Ottobre 2023.
104. F. Graziano, **G. Scalia**, R. Costanzo, S. Marrone, S.M. Cardali, G. Garufi, A. Turrisi, D. Collufio, C. Saoca, M. Torre, L. Licitri, G. Micalizzi, L. Grasso, M. Aguenouz. Personalized medicine liquid-biopsy based in brain glioma treatment: circulating biomarker and metabolomic study of serum lipids. 72th SINch Padova (Annual meeting of the Italian Society of Neurosurgery). 12-14 Ottobre 2023.
105. **G. Scalia**, M. Porzio, R. Costanzo, R. Alessandrello, E. Giurato, F. Gibilisco, F. Graziano, D.G. Iacopino, G.E. Umana, G.F. Nicoletti. Metastasi ossee a livello della teca cranica secondarie a carcinoma follicolare della tiroide. 72th SINch Padova (Annual meeting of the Italian Society of Neurosurgery). 12-14 Ottobre 2023.
106. G. Umana, M. Visocchi, **G. Scalia**, M. Passanisi, M. Fricia, S. Cicero. Fissazione odontoidea anteriore percutanea minimamente invasiva: Esperienza istituzionale con una tecnica semplice ed efficace. SICV&GIS. 09-11 Maggio 2024.
107. G. Umana, **G. Scalia**, M. Passanisi, S. Cicero1, G. Lofrese, L. Ricciardi, N. Montemurro, G. Capo, A. Baram, M. Fornari, M. Ruiz-Cardozo, C. Molina. Mielopatia spondilogenica della giunzione cervico-toracica: studio Retrospectivo multicentrico. SICV&GIS. 09-11 Maggio 2024.
108. G.F. Nicoletti, M. Furnari, M. Giuffrida, G. Ponzo, F. Graziano, G.E. Umana, **G. Scalia**. Nuova Tecnica Di Apertura Durale Nei Tumori Intradurali Extramidollari Alla Giunzione Craniovertebrale. SICV&GIS. 09-11 Maggio 2024.
109. G.F. Nicoletti, M. Furnari, M. Giuffrida, G. Ponzo, F. Graziano, G.E. Umana, **G. Scalia**. Un Nuovo Strumento Per Migliorare L'accuratezza Del Posizionamento Delle Viti Transpeduncolari Nella Chirurgia Spinale Navigata. SICV&GIS. 09-11 Maggio 2024.

110. F. Inserra, F. Barone, P. Palmisciano, **G. Scalia**, MG Sabini, R. Maugeri, M. Passanisi, L. Strigari, G.E. Umana. Hypofractionated gamma knife Radiosurgery: Institutional experience on benign and malignant intracranial tumors. 39. 73° SINch Bari (Annual meeting of the Italian Society of Neurosurgery). 23-26 Ottobre 2024.
111. **G. Scalia**, F. Graziano, M. Furnari, M. Giuffrida, G. Ponzo, R. Alessandrello, G.E. Umana, G.F. Nicoletti. Glioblastomi intraventricolari: Revisione sistematica della letteratura E descrizione di un caso. 73° SINch Bari (Annual meeting of the Italian Society of Neurosurgery). 23-26 Ottobre 2024.
112. G.E. Umana, M. Passanisi, **G. Scalia**, M. Fricia, F. Inserra, N. Alberio, F. Barone, G. Distefano, S. Chiriatti, A. Spitaleri, S. Cicero. Video: artrodesi posteriore c1-c2 nelle lesioni Traumatiche della giunzione craniovertebrale: Il ruolo della microchirurgia e della colla di Fibrina nel controllo del sanguinamento del Plesso venoso perivertebrale. 73° SINch Bari (Annual meeting of the Italian Society of Neurosurgery). 23-26 Ottobre 2024.

Corsi e Congressi

1. “Tecnologie Avanzate nella Diagnosi e nella Cura dei Tumori Cerebrali” (Prof. N. Platania). Aula Magna Azienda Ospedaliero-Universitaria “G. Rodolico” di Catania, 31 maggio 2013.
2. “I tumori spinali” (Prof. N. Platania). Azienda Ospedaliero-Universitaria “G. Rodolico” di Catania, 12 aprile 2014.
3. “Sagittal balance e MIS del rachide: esperienze a confronto. Hotel “Venus sea garden” – Augusta, 08 luglio 2014.
4. “Le cervicobrachialgie”. Società di Servizi in Sanità. Biblioteca Comunale “Giovannbattista Nicolosi” – Paternò, 10 ottobre 2015 (in qualità di correlatore).
5. 66° Congresso Nazionale della Società Italiana di Neurochirurgia (SINCH), Verona, 21-22-23 giugno 2017 (in qualità di relatore).
6. The European Association of Neurosurgical Societies (EANS) Congress 2017, Venice Congress Centre, Venice, 1-5 ottobre 2017.
7. AOSpine Corso Base – Degenerativo, Roma, Italy, 3-4 novembre 2017
8. Neuro Oncologia Chirurgica 2.0, Azienda Ospedaliera Policlinico Universitario “G. Martino” di Messina, 15-16 marzo 2018.
9. 67° Congresso Nazionale della Società Italiana di Neurochirurgia (SINCH), Ancona, 19-20-21 settembre 2018.
10. “Advanced concepts and new technologies applied in neurosurgery: 50° anniversary of neurosurgery in Novara, Castello Visconteo Sforzesco, Novara (Italy), 24-25 Settembre 2018.
11. 68° Congresso Nazionale della Società Italiana di Neurochirurgia (SINCH), Roma, 16-17-18 Settembre 2019.

12. 2nd EANS Trauma and Critical Care Update Meeting WFNS Neurotraumatology – Neurorehabilitation and Reconstructive Committee Simposia, Milazzo (Messina), 3-4 Ottobre 2019.
13. The European Association of Neurosurgical Societies (EANS) Virtual Congress, Belgrade, 19-21 Ottobre 2020.
14. “Dalla neurochirurgia invasiva alla mininvasiva”. Webinar Nazionale. Palermo, 05 Dicembre 2020.
15. “Focus on neurovascular lesions”. Webinar Nazionale. Palermo, 30 Gennaio 2021.
16. “Focus on management of CNS ArteroVenous Malformations”. Webinar Nazionale. Palermo, 27 Marzo 2021.
17. “Focus on management of Cerebello-Pontine Angle lesions”. Webinar Nazionale. Palermo, 24 Aprile 2021.
18. “Awake neurosurgery”. Webinar Nazionale. Palermo, 29 Maggio 2021.
19. “Focus on epilepsy surgery”. Webinar Nazionale. Palermo, 25 Giugno 2021.
20. 70° Congresso Nazionale della Società Italiana di Neurochirurgia (SINCH), Milano, 14-15-16 Ottobre 2021.
21. The European Association of Neurosurgical Societies (EANS) Virtual Congress, Hamburg, 03-07 Ottobre 2021.
22. Neurability Workshop Stryker IVS Corso MedEd. Perché vanno trattate le Fratture Vertebrali da Compressione (VCF), Messina, 26 Aprile 2022.
23. “Focus on zLOCK: spinal stabilization by lumbar facets fusion”. Webinar Nazionale. Palermo, 28 Maggio 2022.
24. Endoscopic Endonasal Approaches to the Sella: Hands-On Course for Neurosurgeons, Cremona, 17-18 Giugno 2022.
25. Percorso di cura dell’epilessia farmaco resistente: esperienze a confronto, Palermo, 01 Ottobre 2022.
26. 71° Congresso Nazionale della Società Italiana di Neurochirurgia (SINCH), Napoli, 13-14-15 Ottobre 2022.
27. "2nd Resident Neurosurgeon Day - Inaugurazione anno accademico 2021-2022 della Scuola di Specializzazione in Neurochirurgia Unipa - Overview of cerebral aneurysm management". Webinar Nazionale. Palermo, 26 Novembre 2022.
28. Corso teorico-pratico Sezione di NEUROENDOSCOPIA SINch, Napoli, 1-2 Dicembre 2022.
29. Innovazioni tecnologiche in chirurgia spinale. Parco Tecnologico IRCCS Neuromed Sala conferenze Marc Verstraete Via dell’Elettronica - Pozzilli (IS), 31 Marzo 2023.

30. Memorial CANTORE 7th Edition – Neuromed Skull Base Hands-on course (3 giorni di dissezione su preparato anatomico + 1 giorno di live surgery), Centro di Medicina Necroscopica – Unità di Chirurgia Formativa, Parco Tecnologico IRCCS Neuromed – Via dell'Elettronica – Pozzilli (Is), Aprile 18-20, 2023.
31. 72° SINCh Padova (Annual meeting of the Italian Society of Neurosurgery). 12-14 Ottobre 2023.
32. Gestione del Paziente Politraumatizzato. Relazione dal titolo “Il Trauma midollare: presentazione di un caso clinico”. P.O. “Garibaldi” Centro. 03-04 Novembre 2023.
33. R@MP UP, Medtronic italia X-Value LAB, Milano, 22-24 Gennaio 2024.
34. Cavernous Sinus, Postero-lateral Skull base and Pineal Region Approaches Course. Cremona. 23-24 Maggio 2024.
35. Corso Trauma Tour Regione Sicilia – Dal Rescue Team alla Sala Operatoria...Ed Oltre. Organizzato dalla Sezione di Neurotraumatologia SINCh. Catania. 31 Maggio 2024.
36. Corso F.A.S.T. – First Aid in Stroke Therapy. Catania. 31 Maggio-1 Giugno 2024.
37. Hands-on Course on Microneurosurgery and White Matter Anatomy relevant for Brain Tumors, Epilepsy and AVM: the Zurich School. 15th Hands-On Cadaver Course, 17-19 Giugno 2024, Zurich, Switzerland.
38. Trentennale della Neurochirurgia A.O. Ospedali Riuniti Villa Sofia Cervello, Palermo, 4 Ottobre 2024.
39. 73° SINCh Bari (Annual meeting of the Italian Society of Neurosurgery). 23-26 Ottobre 2024.
40. Le fratture vertebrali su base osteoporotica: attualità e nuove frontiere nella gestione medica e chirurgica. Caltanissetta, 30 Novembre 2024.
41. Organizzatore e membro della faculty del congresso “Idrocefalo normoteso: Quando la demenza è curabile”. Catania, 18 Novembre 2024.
42. EANS Training Course. Functional Neurosurgery, Head Injury and Peripheral Nerve. Helsinki, 26-29 Gennaio 2025.

Dati personali *Autorizzo il trattamento dei miei dati personali ai sensi del Decreto Legislativo 30 giugno 2003, n. 196 "Codice in materia di protezione dei dati personali."*

Firma


Catania, 23 febbraio 2025