

MARIA PIA TROPEANO, M.D.

Curriculum Vitae

FORMAZIONE

2021- presente Dottorato di Ricerca in Molecular and Experimental Medicine

c/o Humanitas University – IRCCS Humanitas Research Center, Rozzano (Milano)

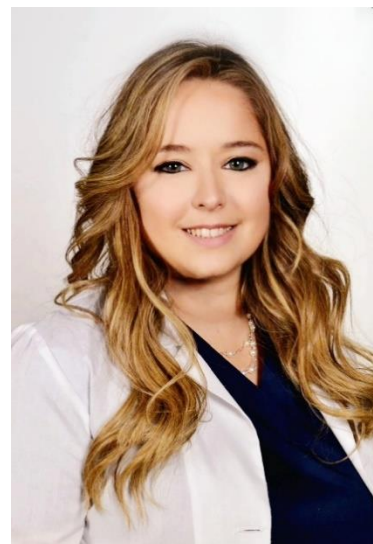
2015-2020 Specializzazione in Neurochirurgia

c/o Humanitas University – IRCCS Humanitas Research Center, Rozzano (Milano),
con tesi “Intramedullary spinal cord tumors: multimodal intra-operative monitoring and prognostic factors. The 10-year Humanitas experience.” (70/70 cum laude)

Relatore:

Prof. Franco Servadei, M.D., Professore Ordinario di Neurochirurgia, Humanitas Clinical and Research Hospital, Humanitas University, Milano

Dr. Maurizio Fornari, M.D., Primario ospedaliero Unità operativa CHN1, Humanitas Clinical and Research Hospital, Milano



2009-2014 Laurea in Medicina e Chirurgia

c/o Università La Sapienza Roma

Con tesi “The role of surgery in the management of multiple brain metastases: critical analysis, review of literature and elaboration of multidisciplinary protocol” (110/110 cum laude)

Relatore:

Prof. Roberto Delfini, M.D., PhD, Professore Ordinario di Neurochirurgia, Policlinico Umberto I, Università La Sapienza Roma

Prof. Maurizio Salvati, M.D., PhD, Professore Associato di Neurochirurgia, Policlinico Umberto I, La Sapienza University of Rome

ATTIVITA' PROFESSIONALE

2021-presente Assistente c/o U.O. di Neurochirurgia Cranica e Spinale

c/o IRCCS Istituto Clinico Humanitas, Rozzano (Milano), Direttore: Prof. Federico Pessina

2021-presente PhD in Molecular and Experimental Medicine

c/o Humanitas University – IRCCS Humanitas Research Center, Rozzano (Milano)

Ottobre 2014-Gennaio 2015 Abilitazione post-laurea alla professione medica

PUBBLICAZIONI SCIENTIFICHE

Pescatori L, Grasso G, Tropeano MP, Torregrossa F, Santoro G, Ciappetta P. Management of Complex Cerebral Aneurysms. World Neurosurg. 2022 Mar;159:266-275. doi: 10.1016/j.wneu.2021.11.077. PMID: 35255628.

Clark D, Joannides A, Adeleye AO, Bajamal AH, Bashford T, Biluts H, Budohoski K, Ercole A, Fernández-Méndez R, Figaji A, Gupta DK, Härtl R, Iaccarino C, Khan T, Laeke T, Rubiano A, Shabani HK, Sichizya K, Tewari M, Tirsit A, Thu M, Tripathi M, Trivedi R, Devi BI,

Servadei F, Menon D, Koliass A, Hutchinson P; Global Neurotrauma Outcomes Study collaborative. Casemix, management, and mortality of patients rreseceiving emergency neurosurgery for traumatic brain injury in the Global Neurotrauma Outcomes Study: a prospective observational cohort study. *Lancet Neurol.* 2022 May;21(5):438-449. doi: 10.1016/S1474-4422(22)00037-0. Epub 2022 Mar 16. PMID: 35305318.

Franzini A, Rossini Z, Moosa S, Tropeano MP, Milani D, Attuati L, Clerici E, Navarria P, Pessina F, Picozzi P. Medial thalamotomy using stereotactic radiosurgery for intractable pain: a systematic review. *Neurosurg Rev.* 2022 Feb;45(1):71-80. doi: 10.1007/s10143-021-01561-x. Epub 2021 May 12. PMID: 33978923.

Cannizzaro D, Milani D, Zaed I, Tropeano MP, Nicolosi F, Costa F, Servadei F, Fornari M, D'Angelo V, Cardia A. Tentorial Notch Meningiomas: Innovative Preoperative Management and Literature Review. *Front Surg.* 2022 Mar 9;9:840271. doi: 10.3389/fsurg.2022.840271. PMID: 35356497; PMCID: PMC8959495.

Tropeano MP, Bono BC, Lasio GB, Rossini Z, Fornari M, Morengi E, Skrap M, Ius T, Pessina F. Surgical treatment for vestibular schwannoma in patients aged ≥ 65 -years: A retrospective multi-centric study. *Am J Otolaryngol.* 2022 Nov-Dec;43(6):103631. doi: 10.1016/j.amjoto.2022.103631. Epub 2022 Sep 8. PMID: 36099729.

Pescatori L, Tropeano MP, Santoro A. Complex Aneurysm: The Unpredictable Pathological Entity. *Acta Neurochir Suppl.* 2018;129:61-70. doi: 10.1007/978-3-319-73739-3_9. PMID: 30171315.

Pescatori L, Tropeano MP, Visocchi M, Grasso G, Ciappetta P. Cervical Spondylotic Myelopathy: When and Why the Cervical Corpectomy? *World Neurosurg.* 2020 Aug;140:548-555. doi: 10.1016/j.wneu.2020.03.100. PMID: 32797986.

Franzini A, Tropeano MP, Olei S, De Robertis M, Rossini Z, Attuati L, Milani D, Pessina F, Clerici E, Navarria P, Picozzi P. Gamma Knife Radiosurgery for the Treatment of Trigeminal Neuralgia in Patients with Multiple Sclerosis: A Single-Center Retrospective Study and Literature Review. *World Neurosurg.* 2021 May;149:e92-e100. doi: 10.1016/j.wneu.2021.02.074. Epub 2021 Feb 25. PMID: 33640527.

Pescatori L, Tropeano MP, Piccirilli M, Ciappetta P. Microsurgical Anatomy of the Hypoglossal Nerve in the Lateral Approaches to the Craniovertebral Junction: A Study on Fresh Non-Formalin-Fixed Human Specimens. *J Neurol Surg A Cent Eur Neurosurg.* 2022 Nov;83(6):540-547. doi: 10.1055/s-0041-1739222. Epub 2022 Jan 6. PMID: 34991171.

Cannizzaro D, Tropeano MP, Milani D, Spaggiari R, Zaed I, Mancarella C, Lasio GB, Fornari M, Servadei F, Cardia A. Microsurgical versus endoscopic trans-sphenoidal approaches for clivus chordoma: a pooled and meta-analysis. *Neurosurg Rev.* 2021 Jun;44(3):1217-1225. doi: 10.1007/s10143-020-01318-y. Epub 2020 May 29. PMID: 32472379.

Pescatori L, Tropeano MP, Ciappetta P. The ipsilateral interhemispheric transprecuneal approach: microsurgical anatomy, indications, and neurosurgical applications. *Neurosurg Rev.* 2021 Feb;44(1):529-541. doi: 10.1007/s10143-020-01244-z. Epub 2020 Feb 8. PMID: 32036503.

Salvati M, Tropeano MP, Maiola V, Lavalle L, Brogna C, Colonnese C, Frati A, D'Elia A. Multiple brain metastases: a surgical series and neurosurgical perspective. *Neurol Sci.* 2018 Apr;39(4):671-677. doi: 10.1007/s10072-017-3220-2. Epub 2018 Jan 30. PMID: 29383618.

Cannizzaro D, Mancarella C, Nasi D, Tropeano MP, Anania CD, Cataletti G, Milani D, Fava EM, Ghadirpour R, Costa F, Servadei F, Fornari M. Intramedullary spinal cord tumors: the value of intraoperative neurophysiological monitoring in a series of 57 cases from two Italian centers. *J Neurosurg Sci.* 2022 Oct;66(5):447-455. doi: 10.23736/S0390-5616.19.04758-1. Epub 2019 Sep 23. PMID: 31565906.

Cannizzaro D, Tropeano MP, Zaed I, De Robertis M, Olei S, Vindigni M, Pegolo E, Bagatto D, Cardia A, Maira G, Fornari M, Skrap M, Ius T. Intracranial Meningiomas in the Elderly: Clinical, Surgical and Economic Evaluation. A Multicentric Experience. *Cancers (Basel).* 2020 Sep 20;12(9):2685. doi: 10.3390/cancers12092685. PMID: 32962243; PMCID: PMC7565309.

Cannizzaro D, Tropeano MP, Fornari M, Servadei F, Cardia A. Simultaneous Diagnosis and Treatment of Double Synchronous Spinal Cord Vascular Malformation. *J Neurol Surg A Cent Eur Neurosurg.* 2019 Jul;80(4):325-332. doi: 10.1055/s-0039-1683446. Epub 2019 Apr 9. PMID: 30965372.

- Rossini Z, Tropeano MP, Franzini A, Bono BC, Raspagliesi L, Fornari M, Pessina F. Minimally invasive microsurgical decompression of the lumbar spine using a novel robotised digital microscope: A preliminary experience. *Int J Med Robot.* 2023 Jan 17:e2498. doi: 10.1002/rcs.2498. Epub ahead of print. PMID: 36650043.
- Franzini A, Ninatti G, Rossini Z, Tropeano MP, Clerici E, Navarra P, Pessina F, Picozzi P. Gamma Knife Central Lateral Thalamotomy for Chronic Neuropathic Pain: A Single-Center, Retrospective Study. *Neurosurgery.* 2023 Feb 1;92(2):363-369. doi: 10.1227/neu.0000000000002211. Epub 2022 Nov 10. PMID: 36637271.
- D'Elia A, Tropeano MP, Maiola V, Frati A, Salvati M. The etiology of low-grade gliomas: pathological and clinical considerations about radiation-induced low-grade gliomas. *Neurol Sci.* 2015 Jul;36(7):1091-5. doi: 10.1007/s10072-015-2136-y. Epub 2015 Mar 8. PMID: 25749546.
- Pescatori L, Tropeano MP, Manfreda A, Delfini R, Santoro A. Three-Dimensional Anatomy of the White Matter Fibers of the Temporal Lobe: Surgical Implications. *World Neurosurg.* 2017 Apr;100:144-158. doi: 10.1016/j.wneu.2016.12.120. Epub 2017 Jan 5. PMID: 28065876.
- Ciappetta P, Tropeano MP, Gitto L, Pescatori L. Schwalbe's Triangular Fossa: Normal and Pathologic Anatomy on Frozen Cadavers. Anatomico-Magnetic Resonance Imaging Comparison and Surgical Implications in Colloid Cyst Surgery. *World Neurosurg.* 2019 Aug;128:e116-e128. doi: 10.1016/j.wneu.2019.04.058. Epub 2019 Apr 11. PMID: 30981795.
- Pescatori L, Niutta M, Tropeano MP, Santoro G, Santoro A. Fourth cranial nerve: surgical anatomy in the subtemporal transtentorial approach and in the pretemporal combined inter-intradural approach through the fronto-temporo-orbito-zygomatic craniotomy. A cadaveric study. *Neurosurg Rev.* 2017 Jan;40(1):143-153. doi: 10.1007/s10143-016-0777-9. Epub 2016 Aug 22. Erratum in: *Neurosurg Rev.* 2017 Jan;40(1):179. PMID: 27549625.
- Pescatori L, Tropeano MP, Ciappetta P. Meckel's Cave Meningiomas: New Classification System Focalized on Dumbbell Lesions Deriving from the Morphometric Analysis of the Posterior Petrous Apicectomy on Fresh Non-Formalin-Fixed Specimens. A Correlative Anatomoclinical Study. *World Neurosurg.* 2018 Oct;118:e489-e499. doi: 10.1016/j.wneu.2018.06.222. Epub 2018 Jul 6. PMID: 30257301.