

Dott.ssa ALBA SCERRATI

Qualifica: DIRIGENTE MEDICO

Reperto: NEUROCHIRURGIA **Numero di telefono dell'ufficio:** 0523239671

Fax dell'ufficio:

E-Mail: scr1ba@unife.it

Titolo di studio:

Laurea in Medicina e Chirurgia conseguita il 22 Luglio 2010 con voto 110/110 e lode presso l'Università Cattolica del Sacro Cuore, Roma

Diploma di Specializzazione in Neurochirurgia conseguito il 28.06.2017 cum laude presso l'Università Cattolica del Sacro Cuore, Roma

Altri titoli di studio/professionali:

Alta specializzazione in Neurointerventistica Endovascolare conseguita in Novembre 2018 presso l'Università La Sapienza di Roma

Research Fellowship in microchirurgia del Basicranio (Ohio State University)

Clinical Fellowship in Neurochirurgia Vascolare (Ospedale Niguarda, Milano)

Esperienze professionali (incarichi):

- Da Novembre 2019 a presente: Dirigente Medico e Ricercatore in Neurochirurgia presso l'Azienda Ospedaliero-Universitaria di Ferrara

-Da Aprile 2019 a Ottobre 2019: Dirigente Medico a tempo indeterminato presso il Reparto di Neurochirurgia dell' Ospedale San Bortolo di Vicenza

- Da Febbraio 2018 a Marzo 2019: Dirigente Medico a tempo indeterminato presso il Reparto di Neurochirurgia dell'Ospedale Santa Maria della Misericordia di Rovigo

Competenze linguistiche:

Inglese -lettura: eccellente -scrittura: eccellente -espressione orale: eccellente Francese: -lettura: buona -scrittura: buona -espressione orale: buona

Competenze nell'uso delle tecnologie:

Conoscenza del microscopio operatorio, con filtro per 5-ALA, ICG e fluorescina; Neuronavigatore; Casco stereotassico di Leksell; Ecografo; Trans-cranial Doppler.

Attività didattica: titolare di insegnamenti nel Corso di Laurea di Medicina e chirurgia dell'Università di Ferrara e nella Scuola di Specializzazione in Neurochirurgia.

Attività scientifica:

1: Scerrati A, Mongardi L, Cavallo MA, Labanti S, Simioni V, Ricciardi L, De Bonis P. Awake surgery for skills preservation during a sensory area tumor resection in a clarinet player. Acta Neurol Belg. 2020 May 5. doi: 10.1007/s13760-020-01368-5. [Epub ahead of print] PubMed PMID: 32372400. **2:** Ricciardi L, Trungu S, Scerrati A, De Bonis P, Miscusi M, Raco A. Neurosurgery at the time of COVID-19: how this pandemic infectious disease is influencing neurosurgical activities and patient management. J Neurosurg Sci. 2020 Apr 29. doi: 10.23736/S0390-5616.20.04976-0. [Epub ahead of print] PubMed PMID: 32347683. **3:** Scerrati A, Mongardi L, Visani J, Lofrese G, Cavallo MA, Fiorentino A, De Bonis P. The controversial role of Bevacizumab in the treatment of patients with intracranial meningioma: a comprehensive literature review. Expert Rev Anticancer Ther. 2020 Mar;20(3):197-203. doi: 10.1080/14737140.2020.1736567. Epub 2020 Mar 6. PubMed PMID: 32116057. **4:** De Bonis P, Chiccoli M, Visani J, Cavallo MA, Scerrati A. Functional outcome of patients with unstable single- level/ two- level lumbar stenosis treated with decompression plus divergent screws (cortical bone trajectory) or percutaneous convergent pedicle screws. J Neurosurg Sci. 2020 Feb 25. doi: 10.23736/S0390-5616.20.04893-6. [Epub ahead of print] PubMed PMID: 32100520. **5:** Musio A, Scerrati A, Pintye D, Salomi F, Cavallo MA, De Bonis P. Filthy operative rooms and other mistakes during

movies on neurosurgical procedures: Fascinating and powerful neurosurgical scenarios presented, in different ways, to non-neurosurgical society. How many mistakes and stereotypes can be made in movies for people not daily involved in medical life? *Clin Neurol Neurosurg.* 2020 Apr;191:105695. doi: 10.1016/j.clineuro.2020.105695. Epub 2020 Feb 1. PubMed PMID: 32086118. **6:** Lofrese G, Mongardi L, De Bonis P, Scerrati A, Nicassio N, Cultrera F. Spontaneous Repositioning of Isolated Blow-In Orbital Roof Fracture: Could Wait and See Be a Strategy in Asymptomatic Cases? *J Craniofac Surg.* 2020 May/June;31(3):e263-e266. doi: 10.1097/SCS.0000000000006231. PubMed PMID: 32049903. **7:** Beggio G, Raneri F, Rustemi O, Scerrati A, Zambon G, Piacentino M. Techniques for pneumocephalus and brain shift reduction in DBS surgery: a review of the literature. *Neurosurg Rev.* 2020 Feb;43(1):95-99. doi: 10.1007/s10143-019-01220-2. Epub 2020 Jan 2. Review. PubMed PMID: 31897886. **8:** Ricciardi L, Scerrati A, Olivi A, Sturiale CL, De Bonis P, Montano N. The role of cervical collar in functional restoration and fusion after anterior cervical discectomy and fusion without plating on single or double levels: a systematic review and meta-analysis. *Eur Spine J.* 2020 Jan 1. doi: 10.1007/s00586-019-06270-0. [Epub ahead of print] Review. PubMed PMID: 31894403. **9:** Rustemi O, Raneri F, Scerrati A. Letter by Rustemi et al Regarding Article, "Flow Diverters for Intracranial Aneurysms: The DIVERSION National Prospective Cohort Study". *Stroke.* 2020 Feb;51(2):e35. doi: 10.1161/STROKEAHA.119.028244. Epub 2019 Dec 23. PubMed PMID: 31865893. **10:** Zamboni P, Scerrati A, Menegatti E, Galeotti R, Lapparelli M, Traina L, Tessari M, Ciorba A, De Bonis P, Pelucchi S. The eagle jugular syndrome. *BMC Neurol.* 2019 Dec 21;19(1):333. doi: 10.1186/s12883-019-1572-3. PubMed PMID: 31864313; PubMed Central PMCID: PMC6925502. **11:** Scerrati A, Trevisi G, De Bonis P, Mangiola A. Repeat head CT in mild traumatic brain injury is really necessary? *Am J Emerg Med.* 2019 Nov 18. pii:S0735-6757(19)30642-4. doi: 10.1016/j.ajem.2019.10.010. [Epub ahead of print] PubMed PMID: 31785974. **12:** Scerrati A, Visani J, Norri N, Cavallo M, Giganti M, De Bonis P. Effect of external cervical orthoses on clinical and radiological outcome of patients undergoing anterior cervical discectomy and fusion. *Acta Neurochir (Wien).* 2019 Oct;161(10):2195-2200. doi: 10.1007/s00701-019-04046-5. Epub 2019 Aug 27. PubMed PMID: 31455994. **13:** Scerrati A, Germanò A, Trevisi G, Visani J, Lofrese G, D'Angelo L, Raffa G, Fazzari E, Mangiola A, Cavallo MA, De Bonis P. Timing of Low-Dose Aspirin Discontinuation and the Influence on Clinical Outcome of Patients Undergoing Surgery for Chronic Subdural Hematoma. *World Neurosurg.* 2019 Sep;129:e695-e699. doi: 10.1016/j.wneu.2019.05.252. Epub 2019 Jun 11. PubMed PMID: 31279757. **14:** Mongardi L, Mantovani G, Scerrati A, De Bonis P, Cavallo MA. Epilepsy and cranial hemangioma in Lowe syndrome. *Acta Neurol Belg.* 2019 Jun 12. doi: 10.1007/s13760-019-01162-y. [Epub ahead of print] PubMed PMID: 31190138. **15:** De Bonis P, Menegatti E, Cavallo MA, Sisini F, Trapella G, Scerrati A, Zamboni P. JEDI (jugular entrapment, dilated ventricles, intracranial hypertension) syndrome: a new clinical entity? A case report. *Acta Neurochir (Wien).* 2019 Jul;161(7):1367-1370. doi: 10.1007/s00701-019-03908-2. Epub 2019 Apr 25. PubMed PMID: 31025176. **16:** Mantovani G, Menegatti M, Scerrati A, Cavallo MA, De Bonis P. Controversies and Misconceptions Related to Cerebrospinal Fluid Circulation: A Review of the Literature from the Historical Pioneers' Theories to Current Models. *Biomed Res Int.* 2018 Nov 26;2018:2928378. doi: 10.1155/2018/2928378. eCollection 2018. Review. PubMed PMID: 30598991; PubMed Central PMCID: PMC6287155. **17:** Trevisi G, Scerrati A, Peppucci E, DeWauere C, Anile C, Mangiola A. What Is the Best Timing of Repeated CT Scan in Mild Head Trauma with an Initially Positive CT Scan? *World Neurosurg.* 2018 Oct;118:e316-e322. doi: 10.1016/j.wneu.2018.06.185. Epub 2018 Jun 30. PubMed PMID: 29969739. **18:** Scerrati A, Sabatino G, Della Pepa GM, Albanese A, Marchese E, Puca A, Olivi A, Sturiale CL. Treatment and outcome of thrombosed aneurysms of the middle cerebral artery: institutional experience and a systematic review. *Neurosurg Rev.* 2019 Sep;42(3):649-661. doi: 10.1007/s10143-018-0984-7. Epub 2018 May 22. PubMed PMID: 29790066. **19:** Scerrati A, De Rosa S, Mongardi L, Cavallo MA, Trapella G, De Bonis P. Standard of care, controversies, and innovations in the medical treatment of severe traumatic brain injury. *J Neurosurg Sci.* 2018 Oct;62(5):574-583. doi: 10.23736/S0390-5616.18.04462-4. Epub 2018 Apr 18. Review. PubMed PMID: 29671294. **20:** Scerrati A, Mangiola A, Rigoni F, Olei S, Santantonio M, Trevisi G, Anile C, Cavallo MA, De Bonis P. Do antiplatelet and anticoagulant drugs modify outcome of patients treated for chronic subdural hematoma? Still a controversial issue. *J Neurosurg Sci.* 2018 Apr 18. doi: 10.23736/S0390-5616.18.04311-4. [Epub ahead of print] PubMed PMID: 29671291. **21:** Wu P, Colasanti R, Lee J, Scerrati A, Ercan S, Zhang J, Ammirati M. Quantitative evaluation of different far lateral approaches to the cranio-vertebral junction using the microscope and the endoscope: a cadaveric study using a tumor model. *Acta Neurochir (Wien).* 2018 Apr;160(4):695-705. doi: 10.1007/s00701-018-3502-3. Epub 2018 Feb 26. PubMed PMID: 29479657. **22:** Della Pepa GM, Bianchi F, Scerrati A, Albanese A, Cotroneo E, Delitala A, Gigli R, La Rocca G, Marchese E, Pedicelli A, Puca A, Sabatino G, Olivi A, Sturiale CL. Secondary coiling after incomplete surgical clipping of cerebral aneurysms: a rescue strategy or a treatment option for complex cases? Institutional series and systematic review. *Neurosurg Rev.* 2019 Jun;42(2):337-350. doi: 10.1007/s10143-018-0950-4. Epub 2018 Feb 7. PubMed PMID: 29417290. **23:** Cenzato M, Dones F, Marcati E, Debernardi A, Scerrati A, Piparo M. Use of Laser in Arteriovenous Malformation Surgery. *World Neurosurg.* 2017 Oct;106:746-749. doi: 10.1016/j.wneu.2017.07.101. Epub 2017 Jul 26. PubMed PMID: 28755919. **24:** Ercan S, Scerrati A, Wu P, Zhang J, Ammirati M. Is less always better? Keyhole and standard subtemporal approaches: evaluation of temporal lobe retraction and surgical volume with and without zygomatic osteotomy in a cadaveric model. *J Neurosurg.* 2017 Jul;127(1):157-164. doi: 10.3171/2016.6.JNS16663. Epub 2016 Sep 16. PubMed PMID: 27636184. **25:** Scerrati A, Ercan S, Wu P, Zhang J, Ammirati M. Intrapetrous Internal Carotid Artery: Evaluation of Exposure, Mobilization and Surgical Maneuvers Feasibility from a Retrosigmoid Approach in a Cadaveric Model. *World Neurosurg.* 2016 Jul;91:443-50. doi: 10.1016/j.wneu.2016.04.064. Epub 2016 Apr 26. PubMed PMID: 27126909. **26:** Scerrati A, Lee JS, Zhang J, Ammirati M. Exposing the Fundus of the Internal Acoustic Meatus without Entering the Labyrinth Using a Retrosigmoid Approach: Is It Possible? *World Neurosurg.* 2016 Jul;91:357-64. doi: 10.1016/j.wneu.2016.03.093. Epub 2016 Apr 13. PubMed PMID: 27083131. **27:** Lee JS, Scerrati A, Zhang J, Ammirati M. Quantitative analysis of surgical exposure and surgical freedom to the anterosuperior pons: comparison of pterional transtentorial, orbitozygomatic, and anterior petrosal approaches. *Neurosurg Rev.* 2016

Oct;39(4):599-605. doi: 10.1007/s10143-016-0710-2. Epub 2016 Apr 14. PubMed PMID: 27075862. **28:** Scerrati A, Lee JS, Zhang J, Ammirati M. Microsurgical Anatomy of the Internal Acoustic Meatus as Seen Using the Retrosigmoid Approach. *Otol Neurotol*. 2016 Jun;37(5):568-73. doi: 10.1097/MAO.0000000000001013. PubMed PMID: 27023014. **29:** Scerrati A, Della Pepa GM, Conforti G, Sabatino G, Puca A, Albanese A, Maira G, Marchese E, Esposito G. Indocyanine green video-angiography in neurosurgery: a glance beyond vascular applications. *Clin Neurol Neurosurg*. 2014 Sep;124:106-13. doi: 10.1016/j.clineuro.2014.06.032. Epub 2014 Jun 28. Review. PubMed PMID: 25033322. **30:** Della Pepa GM, Scerrati A, Albanese A, Marchese E, Maira G, Sabatino G. Protective effect of external ventricular drainage on cerebral vasospasm. A retrospective study on aneurysmal SAH treated endovascularly. *Clin Neurol Neurosurg*. 2014 Sep;124:97-101. doi: 10.1016/j.clineuro.2014.06.030. Epub 2014 Jun 28. PubMed PMID: 25019459. **31:** Della Pepa GM, Sabatino G, La Rocca G, Scerrati A, Maira G, Albanese A, Marchese E. Intraorbital and intracanalicular ophthalmic artery aneurysms. Literature review and report of a case. *Br J Neurosurg*. 2014 Dec;28(6):787-90. doi: 10.3109/02688697.2014.913776. Epub 2014 May 5. Review. PubMed PMID: 24799275. **32:** Conforti G, Della Pepa GM, Papacci F, Scerrati A, Montano N. Hemorrhagic synovial cyst as an 'evanescent' spinal cervical mass: an issue for differential diagnosis. *Acta Neurol Belg*. 2014 Dec;114(4):325-7. doi: 10.1007/s13760-013-0277-4. Epub 2014 Jan 25. Erratum in: *Acta Neurol Belg*. 2014 Dec;114(4):329. Pepa, G M D [corrected to Della Pepa, Giuseppe Maria]; Alba, Scerrati [corrected to Scerrati, Alba]. PubMed PMID: 24464768. **33:** Sabatino G, Della Pepa GM, Scerrati A, Maira G, Rollo M, Albanese A, Marchese E. Anatomical variants of the basal vein of Rosenthal: prevalence in idiopathic subarachnoid hemorrhage. *Acta Neurochir (Wien)*. 2014 Jan;156(1):45-51. doi: 10.1007/s00701-013-1907-6. Epub 2013 Oct 18. PubMed PMID: 24136678. **34:** Signorelli F, Montano N, Scerrati A, Cioni B, Papacci F. Isolated intramedullary cervical dermoid cyst. *Acta Neurol Belg*. 2014 Sep;114(3):223-4. doi: 10.1007/s13760-013-0241-3. Epub 2013 Aug 9. PubMed PMID: 23928884. **35:** Esposito G, Rossi F, Matteini P, Scerrati A, Puca A, Albanese A, Rossi G, Ratto F, Maira G, Pini R. In vivo laser assisted microvascular repair and end-to-end anastomosis by means of indocyanine green-infused chitosan patches: a pilot study. *Lasers Surg Med*. 2013 Jul;45(5):318-25. doi: 10.1002/lsm.22145. Epub 2013 Jun 5. PubMed PMID: 23740739. **36:** Esposito G, Albanese A, Sabatino G, Scerrati A, Sturiale C, Pedicelli A, Pilato F, Maira G, Di Lazzaro V. Large middle cerebral artery dissecting aneurysm mimicking hemorrhagic stroke. *Clin Neurol Neurosurg*. 2011 Dec;113(10):901-3. doi: 10.1016/j.clineuro.2011.05.009. Epub 2011 Jun 15. PubMed PMID: 21680086.

Premi e riconoscimenti Nazionali e Internazionali: Young Investigator Award, Secondo premio, all' International Society of Neurovascular Disease annual meeting. Ferrara, Maggio 2019

Interessi clinici e/o scientifici:

Neuro-oncologia, Neurotraumatologia, Chirurgia del Basicranio, Neurochirurgia vascolare