

CURRICULUM VITAE

PAOLO FRASSANITO, MD, PhD



PERSONAL DATA

FIRST NAME: PAOLO

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DATE OF BIRTH: 11 August 1982

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SCHOOL EDUCATION

- **2001 High School Graduation (100/100 cum laude)**, Liceo Classico “Giuseppe Palmieri”, Lecce - Italy

UNIVERSITY EDUCATION

- **Internal student**, Università Cattolica del Sacro Cuore, Rome - Italy:
 - Department of Internal Medicine – Service of Oncology (1 years)
 - Department of Neurosurgery (2 years)
- **Internal student**, Université de Bretagne Occidentale, Brest - France:
 - Service of Cardiology (2 months)
 - Service of Pneumology (2 months)
 - Service of Hematology (2 months)
- **Degree in Medicine, MD – 24.07.2007** (Final Mark 110/110 cum laude), Università Cattolica del Sacro Cuore, Rome, Italy. *Degree thesis entitled "The supratentorial intraventricular tumors in pediatric population".*

POSTGRADUATE EXPERIENCE

- **Neurosurgery Specialist** (since 2013, 5-year training), Department of Neurosurgery, Università Cattolica del Sacro Cuore, Rome, Italy.
- **Observership**, Pediatric Neurosurgery, Children's Memorial Hospital (November 2011-April 2012)
- **European Postgraduate Course for Pediatric Neurosurgery (European Society for Pediatric Neurosurgery, ESPN)** – 3-year cycle (Corfù 2009-Berlin 2010-Limerick 2011)
- **Neuroscience PhD**, Università Cattolica del Sacro Cuore, Rome – Italy (2017)
- **Eligible for Associate Professor of Neurosurgery (2018)**- Abilitazione Scientifica Nazionale (ASN) a Professore di seconda Fascia nel settore concorsuale Neurochirurgia e Chirurgia Maxillo-facciale, rilasciata da Ministero dell'Istruzione, Università e Ricerca (MIUR) Dal 12/04/2018 al 12/04/2029

CURRENT POSITION

Consultant (MD) since 15.06.2014, Pediatric Neurosurgery, Fondazione Policlinico Universitario A. Gemelli IRCCS, Rome – Italy

SCIENTIFIC ACTIVITY

Author of over 100 scientific publications (listed on pubmed.gov) and chapters in books

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Web of Science ResearcherID K-4099-2018

DIDACTIC ACTIVITY

- Faculty (since 2020) of the Residency program in Neurosurgery of the Università Cattolica del Sacro Cuore, Rome (n. 75h)
- Invited lectures in Residency Programs
Università Cattolica del Sacro Cuore, Rome (Anestesia e Rianimazione, 2016-2017)
University of Brescia (Neurochirurgia e Neuropsichiatria Infantile, 2016-2017)
- Faculty of the Master "Nursing in Pediatric Intensive care" (Università Cattolica del Sacro Cuore, Rome, since 2016) and "Nursing in Neonatology" (since 2020)

- Faculty of events organized by the European Society for Pediatric Neurosurgery (ESPN), such as Consensus Conference (2013, 2017) and Refresher Course (2013, 2017)

EDITORIAL ACTIVITY

- **Member of the Editorial Board of Child's Nervous System**
- **Associate editor of Frontiers in Pediatric Surgery**
- Reviewer for Child's Nervous System and other neurosurgical journals
- Guest editor of focus session on "Cranioplasty in children", Child's Nervous System, September 2019

ORGANIZATION/SCIENTIFIC SECRETARIAT OF CONGRESS/COURSES

- Local Organizing Committee & Scientific Secretariat of 28th Congress of European Society for Pediatric Neurosurgery (Rome, 7-10.05.2023)
- Course director "From decompression to cranial reconstruction- Session 3: Cranioplasty in children". September 23rd, 2021
- Local Organizing Committee & Scientific Secretariat of Neuroendoscopy course. October 10th-11th, 2019, Rome – Italy
- Local Organizing Committee & Scientific Secretariat di European Society for Pediatric Neurosurgery Consensus Conference on arachnoid cysts & 3rd Refresher Course on hydrocephalus (Rome, 23-25.02.2017)
- Scientific Secretariat of the 1st Neuro-Oncology Course of "Sezione pediatrica della Sinch", I ciclo di corsi in Neurochirurgia pediatrica (Rome, 23-24.02.2018)

PARTICIPATION TO THE ACTIVITY OF A RESEARCH GROUP

- 2011-2012: Clinical research aimed to the definition of posterior fossa tumors, (Pediatric Neurosurgery, Children's Memorial Hospital di Chicago – USA) PI: Prof Tomita (*see the paper: Tomita T, Frassanito P. Tumors of the superior medullary velum in infancy and childhood: report of 6 cases. J Neurosurg Pediatr. 2013 Jan;11(1):52-9.*)
- 2014: "Aspetti molecolari dei tumori cerebrali pediatrici" PI: Prof. R. Riccardi (Università Cattolica del Sacro Cuore, Rome)
- 2014-2018: National Institutes of Health (NIH) – National Institute of Dental and Craniofacial Research (NIDCR): "Nonsyndromic craniosynostosis: Phenotype/Genotype Study" (2R02DE016886-06A1). PI: Simeon Boyadjiev Boyd; co-PI: Wanda Lattanzi (Università Cattolica del Sacro Cuore, Rome)
- 2015-2016: Università Cattolica del Sacro Cuore, Linea D.1 – 2015. "Analisi funzionale della nicchia staminale osteogenica nel tessuto calvariale di pazienti affetti da craniosinostosi non sindromica". PI: Wanda Lattanzi.
- 2022-...: Multicentre prospective paediatric craniectomy and cranioplasty registry (pedCCR) under the auspices of the European Society for Paediatric Neurosurgery (ESPN). PI: Thomas Beez (Heinrich-Heine-Universität, Düsseldorf, Germany)

Cooperation with biomedical companies aimed to the development of medical devices

With FinCeramica Faenza spa, to define the application of CustomBone Service in the pediatric age

- Frassanito P, Massimi L, Tamburrini G, Bianchi F, Nataloni A, Canella V, Caldarelli M. Custom-made hydroxyapatite for cranial repair in a specific pediatric age group (7-13 years old): a multicenter post-marketing surveillance study. *Childs Nerv Syst.* 2018 Jul 10. doi: 10.1007/s00381-018-3905-8.
- Frassanito P; Tamburrini G; Massimi L; Di Rocco C; Nataloni A; Fabbri G; Caldarelli M. "Post-marketing surveillance of CustomBone Service implanted in children under 7 years hold". *Acta Neurochirurgica.* 157(1):115-21. doi: 10.1007/s00701-014-2254-y (2014)
- Faculty: Decompression and cranial reconstruction (training course/webinar dal 2018-presente)
- Course director: From decompression to cranial reconstruction. Session 3- Cranial repair in children (23th September 2021)

With Interrad Medical, to define the application of SecurAcath in neurosurgical setting

- Frassanito P, Massimi L, Tamburrini G, Pittiruti M, Doglietto F, Nucci CG, Caldarelli M. A new Subcutaneously Anchored Device for Securing External Cerebrospinal Fluid Catheters: our Preliminary Experience. *World Neurosurg.* 2016 Sep;93:1-5)
- Frassanito P, Massimi L, Tamburrini G, Pittiruti M, Doglietto F, Nucci CG, Caldarelli M. A new Subcutaneously Anchored Device for Securing External Cerebrospinal Fluid Catheters: our Preliminary Experience. *World Neurosurg.* 2016 Sep;93:1-5.

With Mectron spa, to define application of Piezosurgery (piezoelectric bone scalpel) in pediatric neurosurgery

- Massimi L, Rapisarda A, Bianchi F, Frassanito P, Tamburrini G, Pelo S, Caldarelli M. Piezosurgery in pediatric neurosurgery. *World Neurosurg.* 2019 Mar 1. pii: S1878-8750(19)30514-5. doi: 10.1016/j.wneu.2019.02.103.

Tutor:

Hands-on Workshop “Get used to Piezosurgery in Neurosurgery”, July 12th, 2018, Arezzo – Italy

Other

- Authors of several abstracts and oral communications in national and international meetings and congresses
- Chair of the web and communication committee of the and European Society for Pediatric Neurosurgery (ESPN), 2016-2021
- Member of the Training and Education committee of the European Society for Pediatric Neurosurgery (ESPN), 2021-2023
- Member of the Scientific committee of the European Society for Pediatric Neurosurgery (ESPN), 2023-2025
- **Chair of the Scientific committee of the European Society for Pediatric Neurosurgery (ESPN), 2025-...**
- Author of cover drawings and scientific illustrations in books and neurosurgical journals.

Awards

- Best presentation in the session “ORL-NEUROCHIRURGIA” XXV Congresso Nazionale Società Polispecialistica Italiana dei Giovani Chirurghi (June 13-15, 2013, Bari-Italy)
- Research Grant “Istituto G. Toniolo di Studi Superiori” (7 July- 30 September 2013) Pediatric Department, Policlinic A. Gemelli-Catholic University Medical School, in the research group “Molecular basis of brain tumors in children”

Organization and participation as tutor/speaker to scientific and educational activities focused on “CRANIAL REPAIR”

1. SISMAC Symposium-Neurosurgery and Cranioplasty: future perspectives (6-8 October 2023, Rome)
 - Cranial repair in children: Age-related factors and the choice of the material
 - Implications of the cranial growth and the ‘volume issue’ in cranial reconstruction
2. Codman academy- Cranioplasty: which problems are related to cranial reconstruction?
 - Complication avoidance in children (15-16 June 2023, Bologna)
3. ESPN 2023, Seminar on cranioplasty in children: manage their future with less uncertainty, chairman (7-10 May 2023, Rome)
4. LXI SNO- Dal trauma alla ricostruzione in età pediatrica (9-12 November 2023, Riva del Garda)
5. Workshop “Porous Hydroxyapatite cranioplasty: Efficacy against infection and pediatric indications”, Bioceramics, Venice September 21st 2022
6. Focus on: Il trauma cranico pediatrico. Special lecture “Le cranioplastiche in età pediatrica: strategie stratificate per età” (Firenze, June 16th 2022)
7. Scientific and Clinical Conference with International Participation «Disorders of the Central and Peripheral Nervous System in Children. From Emergency Surgery to Surgical Rehabilitation. (February 16-19, 2022, Moscow-Russia, online). *Cranioplasty in children: How I do it*
8. Course director “From decompression to cranial reconstruction- Session 3: Cranioplasty in children”. September 23rd, 2021, webinar series
9. Scientific and Clinical Conference with International Participation «Disorders of the Central and Peripheral Nervous System in Children. From Emergency Surgery to Surgical Rehabilitation. (February 19-20, 2021, Moscow-Russia, online). *Cranioplasty in children: technique, materials and peculiar issues*
10. Webinar “Decompression and cranial reconstruction: Controversies and management”. October 16th 2020.
11. Guest editor di focus session su “Cranioplasty in children”, Child’s Nervous System, September 2019
12. Decompression and cranial reconstruction technologically advanced solutions. “ Multicenter post-market surveillance data in pediatric patients”. September 19th-20th2019, Faenza-Forlì – Italy
13. European Society for Pediatric Neurosurgery (ESPN) Consensus Conference 2019 (February 28th-March 1st, 2019, Paris-France)
 - Custom-made hydroxyapatite for cranial repair in a specific pediatric age group (7-13 years old): a multicenter post-marketing surveillance study. Frassanito P, Massimi L, Tamburrini G, Bianchi F, Nataloni A, Canella V, Caldarelli M.

CHAPTERS OF BOOKS

- **Frassanito P**, Di Rocco C. Surgical Options for the Treatment of "Slit-Ventricle Syndrome, in Neurosurgical Operative Atlas - Third Edition - Pediatric Neurosurgery, Ed. J.T. Goodrich, Thieme (*in press*)
- **Frassanito P**, Di Rocco C. Hydrocephalus: Generalities and Clinical presentations, in Textbook of Pediatric Neurosurgery, Ed. Concezio Di Rocco, Dachling Pang, James Rutka, Springer, Cham.
- **Frassanito P**, Tamburrini G, Di Rocco C. Surgical treatment of hydrocephalus based on CSF shunt devices, in Textbook of Pediatric Neurosurgery, Ed. Concezio Di Rocco, Dachling Pang, James Rutka, Springer, Cham.
- **Frassanito P**, Goker B, Di Rocco C. Aqueductal stenosis and hydrocephalus, in Textbook of Pediatric Neurosurgery, Ed. Concezio Di Rocco, Dachling Pang, James Rutka, Springer, Cham.
- **Frassanito P**, Peraio S, Massimi L. How to perform a ventriculo-subgaleal shunt, in Textbook of Pediatric Neurosurgery, Ed. Concezio Di Rocco, Dachling Pang, James Rutka, Springer, Cham.
- **Frassanito P**, Bianchi F, Tamburrini G. How to perform a ventriculo-atrial shunt, in Textbook of Pediatric Neurosurgery, Ed. Concezio Di Rocco, Dachling Pang, James Rutka, Springer, Cham.
- **Frassanito P**, Peraio S, Di Rocco C. Late complications following Surgical Treatment of Hydrocephalus, in Textbook of Pediatric Neurosurgery, Ed. Concezio Di Rocco, Dachling Pang, James Rutka, Springer, Cham.
- Di Rocco C, **Frassanito P**, S. Pelo, Tamburrini G. Syndromic Craniosynostosis, in Pediatric Neurosurgery: Tricks of the Trade, Ed. Alan R. Cohen, Thieme Medical Publishers
- Di Rocco C, **Frassanito P**. Cranio-Cerebral Disproportion as a late complication, in Complications of CSF Shunting in Hydrocephalus: Prevention, Identification, and Management, Ed. Concezio Di Rocco, Mehmet Turgut, George Jallo, Juan F. Martínez-Lage, Springer
- **Frassanito P**, Beez T. Cranial repair in children: Techniques, materials, and peculiar issues. Adv Tech Stand Neurosurg. 2024;49:307-326. doi: 10.1007/978-3-031-42398-7_14.

Journal Articles (with Impact factor)

1. Pettorini BL, **Frassanito P**, Tamburrini G, Massimi L, Caldarelli M, Di Rocco C. Retrieval of ventricular catheter with the aid of endoscopy: technical note. J Neurosurg Pediatr. 2008 Jul;2(1):71-4. doi: 10.3171/PED/2008/2/7/071. PubMed PMID: 18590400.
2. **Frassanito P**, Pettorini B. Pink and blue: the color of gender. Childs Nerv Syst. 2008 Aug;24(8):881-2. doi: 10.1007/s00381-007-0559-3. PubMed PMID: 18176808.
3. Di Rocco C, **Frassanito P**. Little Red Cap in the wood of neuroradiological signs. Childs Nerv Syst. 2008 Dec;24(12):1379-80. doi: 10.1007/s00381-008-0677-6. PubMed PMID: 18791722.
4. **Frassanito P**, Massimi L, Caldarelli M, Di Rocco C. Cerebellar mutism after spontaneous intratumoral bleeding involving the upper cerebellar vermis: a contribution to the physiopathogenic interpretation. Childs Nerv Syst. 2009 Jan;25(1):7-11. doi: 10.1007/s00381-008-0711-8. Epub 2008 Sep 19. PubMed PMID: 18802709.
5. Novegno F, Battaglia D, Chieffo D, **Frassanito P**, Leoni C, Tamburrini G, Massimi L, Tartaglione T, Di Rocco C, Guzzetta F. Giant subcortical heterotopia involving the temporo-parieto-occipital region: a challenging cause of drug-resistant epilepsy. Epilepsy Res. 2009 Nov;87(1):88-94. doi: 10.1016/j.epilepsyres.2009.06.006. Epub 2009 Jul 19. PubMed PMID: 19619986.
6. Pettorini BL, **Frassanito P**, Caldarelli M, Tamburrini G, Massimi L, Di Rocco C. Molecular pathogenesis of craniopharyngioma: switching from a surgical approach to a biological one. Neurosurg Focus. 2010 Apr;28(4):E1. doi: 10.3171/2010.1.FOCUS09300. Review. PubMed PMID: 20367353.
7. Novegno F, Massimi L, Chieffo D, Battaglia D, **Frassanito P**, Bianco LF, Tartaglione T, Tamburrini G, Di Rocco C, Guzzetta F. Epilepsy surgery of posterior quadrant dysplasia in the first year of life: experience of a single centre with long term follow-up. Seizure. 2011 Jan;20(1):27-33. doi: 10.1016/j.seizure.2010.09.015. Epub 2010 Oct 15. PubMed PMID: 20951066.
8. Sturiale CL, Albanese A, Lofrese G, **Frassanito P**, Sabatino G, Marchese E, Puca A. Pathological enlargement of midbrain Virchow-Robin spaces: a rare cause of obstructive hydrocephalus. Br J Neurosurg. 2011 Feb;25(1):130-1. doi: 10.3109/02688697.2010.504050. Epub 2010 Sep 8. PubMed PMID: 20825291.
9. **Frassanito P**, Massimi L. Cerebellar mutism: review of the literature. Childs Nerv Syst. 2011 Jun;27(6):867-8. doi: 10.1007/s00381-011-1460-7. Epub 2011 Apr 21. PubMed PMID: 21509568.
10. **Frassanito P**, Di Rocco C. Depicting cranial sutures: a travel into the history. Childs Nerv Syst. 2011 Aug;27(8):1181-3. doi: 10.1007/s00381-010-1352-2. PubMed PMID: 21161240.
11. Di Rocco C, Chieffo D, **Frassanito P**, Caldarelli M, Massimi L, Tamburrini G. Heralding cerebellar mutism: evidence for pre-surgical language impairment as primary risk factor in posterior fossa surgery. Cerebellum. 2011 Sep;10(3):551-62. doi: 10.1007/s12311-011-0273-2. PubMed PMID: 21476131.
12. Di Rocco C, **Frassanito P**, Massimi L, Peraio S. Hydrocephalus and Chiari type I malformation. Childs Nerv Syst. 2011 Oct;27(10):1653-64. doi: 10.1007/s00381-011-1545-3. Epub 2011 Sep 17. Review. PubMed PMID: 21928030.
13. **Frassanito P**, Montano N, Lauretti L, Pallini R, Fernandez E, Lauriola L, Novello M, Maira G. Simultaneously occurring tumours within the same cerebello-pontine angle: refining literature definitions and proposal for classification. Acta Neurochir (Wien). 2011 Oct;153(10):1989-93; discussion 1993. doi: 10.1007/s00701-011-1126-y. Epub 2011 Aug 16. PubMed PMID: 21845369.
14. Massimi L, Caldarelli M, **Frassanito P**, Di Rocco C. Natural history of Chiari type I malformation in children. Neurol Sci. 2011 Dec;32 Suppl 3:S275-7. doi: 10.1007/s10072-011-0684-3. PubMed PMID: 21898096.

15. **Frassanito P**, D'Angelo L, Massimi L, Lauriola L, Novello M, Rocco CD, Tamburrini G. Sudden paraplegia in a case of apparently isolated frontal embryonal tumour with abundant neuropil and true rosettes. *Br J Neurosurg*. 2012 Apr;26(2):284-6. doi: 10.3109/02688697.2011.609919. Epub 2011 Oct 25. PubMed PMID: 22026467.
16. De Bonis P, **Frassanito P**, Mangiola A, Nucci CG, Anile C, Pompucci A. Cranial repair: how complicated is filling a "hole"? *J Neurotrauma*. 2012 Apr 10;29(6):1071-6. doi: 10.1089/neu.2011.2116. Epub 2012 Jan 13. PubMed PMID: 22059899.
17. **Frassanito P**, Massimi L, Caldarelli M, Tamburrini G, Di Rocco C. Complications of delayed cranial repair after decompressive craniectomy in children less than 1 year old. *Acta Neurochir (Wien)*. 2012 May;154(5):927-33. doi: 10.1007/s00701-011-1253-5. Epub 2011 Dec 27. PubMed PMID: 22198327.
18. **Frassanito P**, De Bonis P, Caputo CG, Mangiola A, Pompucci A, Nucci CG, Trevisi G, Anile C. "Blinding" empty sella: can lumbar puncture be avoided? *Arch Neurol*. 2012 Jul;69(7):932-3. PubMed PMID: 22409938.
19. **Frassanito P**, De Bonis P. "Blinding" empty sella-reply. *Arch Neurol*. 2012 Aug 1;69(8):1083-4. doi: 10.1001/archneurol.2012.1144. PubMed PMID: 23753761.
20. Tamburrini G, **Frassanito P**, Massimi L, Caldarelli M, Di Rocco C. Endoscopic septostomy through a standard precoronal ventricular access: feasibility and effectiveness. *Acta Neurochir (Wien)*. 2012 Aug;154(8):1517-22. doi: 10.1007/s00701-012-1381-6. Epub 2012 May 16. PubMed PMID: 22588340.
21. **Frassanito P**, De Bonis P, Mattogno PP, Novello M, Anile C. Hormonal therapy for fertility and huge meningioma: a purely random association? *Acta Neurol Belg*. 2012 Sep;112(3):299-301. doi: 10.1007/s13760-012-0046-9. Epub 2012 Feb 15. PubMed PMID: 22426675.
22. Tomita T, **Frassanito P**. Tumors of the superior medullary velum in infancy and childhood: report of 6 cases. *J Neurosurg Pediatr*. 2013 Jan;11(1):52-9. doi: 10.3171/2012.9.PEDS12236. Epub 2012 Nov 2. PubMed PMID: 23121115.
23. Walker DA, Liu J, Kieran M, Jabado N, Picton S, Packer R, St Rose C; CPN Paris 2011 Conference Consensus Group.. A multi-disciplinary consensus statement concerning surgical approaches to low-grade, high-grade astrocytomas and diffuse intrinsic pontine gliomas in childhood (CPN Paris 2011) using the Delphi method. *Neuro Oncol*. 2013 Apr;15(4):462-8. doi: 10.1093/neuonc/nos330. Epub 2013 Mar 15. Review. PubMed PMID: 23502427; PubMed Central PMCID: PMC3607269.
24. Gandhoke GS, **Frassanito P**, Chandra N, Ojha BK, Singh A. Role of magnetic resonance ventriculography in multiloculated hydrocephalus. *J Neurosurg Pediatr*. 2013 Jun;11(6):697-703. doi: 10.3171/2013.2.PEDS12456. Epub 2013 Mar 29. PubMed PMID: 23540526.
25. **Frassanito P**, Massimi L, Tamburrini G, Caldarelli M, Pedicelli A, Di Rocco C. Occipital sinus pericranii superseding both jugular veins: description of two rare pediatric cases. *Neurosurgery*. 2013 Jun;72(6):E1054-8; discussion 1058. doi: 10.1227/NEU.0b013e31828baab4. PubMed PMID: 23407290.
26. **Frassanito P**, De Bonis P, Mattogno PP, Mangiola A, Novello M, Brinchi D, Pompucci A, Anile C. The fate of a macroporous hydroxyapatite cranioplasty four years after implantation: macroscopical and microscopical findings in a case of recurrent atypical meningioma. *Clin Neurol Neurosurg*. 2013 Aug;115(8):1496-8. doi: 10.1016/j.clineuro.2012.11.032. Epub 2012 Dec 27. PubMed PMID: 23273380.
27. Tamburrini G, **Frassanito P**, Iakovaki K, Pignotti F, Rendeli C, Murolo D, Di Rocco C. Myelomeningocele: the management of the associated hydrocephalus. *Childs Nerv Syst*. 2013 Sep;29(9):1569-79. doi: 10.1007/s00381-013-2179-4. Epub 2013 Sep 7. Review. PubMed PMID: 24013327.
28. Di Rocco C, **Frassanito P**, Massimi L, Tamburrini G. Prediction of outcome of endoscopic third ventriculostomy. *World Neurosurg*. 2013 Nov;80(5):509-11. doi: 10.1016/j.wneu.2013.02.037. Epub 2013 Feb 26. PubMed PMID: 23454180.
29. **Frassanito P**, Massimi L, Rigante M, Tamburrini G, Conforti G, Di Rocco C, Caldarelli M. Recurrent and self-remitting sixth cranial nerve palsy: pathophysiological insight from skull base chondrosarcoma. *J Neurosurg Pediatr*. 2013 Dec;12(6):633-6. doi: 10.3171/2013.9.PEDS13356. Epub 2013 Oct 18. PubMed PMID: 24138144.
30. Di Rocco C, **Frassanito P**, Tamburrini G. The shell technique: bilateral fronto-orbital reshaping in trigonocephaly. *Childs Nerv Syst*. 2013 Dec;29(12):2189-94. doi: 10.1007/s00381-012-1766-0. Epub 2012 Aug 23. PubMed PMID: 22914920.
31. **Frassanito P**, Massimi L, Caldarelli M, Tamburrini G, Di Rocco C. Bone flap resorption in infants. *J Neurosurg Pediatr*. 2014 Feb;13(2):243-4. doi: 10.3171/2013.6.PEDS13312. Epub 2013 Dec 6. PubMed PMID: 24313656.
32. Di Rocco C, **Frassanito P**, Tamburrini G. The never-ending struggle between the two souls of the neurosurgeon: to wait or to intervene. *World Neurosurg*. 2014 Feb;81(2):268-70. doi: 10.1016/j.wneu.2013.02.073. Epub 2013 Mar 14. PubMed PMID: 23500336.
33. Di Rocco C, **Frassanito P**, Tamburrini G. The young neurosurgeon. *Childs Nerv Syst*. 2014 Apr;30(4):553-5. doi: 10.1007/s00381-014-2400-0. PubMed PMID: 24682548.
34. **Frassanito P**, Massimi L, Tamburrini G, Di Rocco C, Caldarelli M. Teaching neuroimages: Postoperative bifocal stroke of the pontine tegmentum: why don't you smile anymore? *Neurology*. 2014 May 13;82(19):e165-6. doi: 10.1212/WNL.0000000000000406. PubMed PMID: 24821939.
35. Trevisi G, **Frassanito P**, Di Rocco C. Idiopathic cerebrospinal fluid overproduction: case-based review of the pathophysiological mechanism implied in the cerebrospinal fluid production. *Croat Med J*. 2014 Aug 28;55(4):377-87. Review. PubMed PMID: 25165051; PubMed Central PMCID: PMC4157373.
36. **Frassanito P**, Tamburrini G, Massimi L, Di Rocco C, Nataloni A, Fabbri G, Caldarelli M. Post-marketing surveillance of CustomBone Service implanted in children under 7 years old. *Acta Neurochir (Wien)*. 2015 Jan;157(1):115-21. doi: 10.1007/s00701-014-2254-y. Epub 2014 Oct 19. PubMed PMID: 25326712.

37. Tamburrini G, **Frassanito P**, Bianchi F, Massimi L, Di Rocco C, Caldarelli M. Closure of endoscopic third ventriculostomy after surgery for posterior cranial fossa tumor: The "snow globe effect". *Br J Neurosurg.* 2015 Jun;29(3):386-9. doi: 10.3109/02688697.2014.987214. Epub 2014 Dec 3. PubMed PMID: 25470245.
38. **Frassanito P**, Markogiannakis G, Di Bonaventura R, Massimi L, Tamburrini G, Caldarelli M. Descending transtentorial herniation, a rare complication of the treatment of trapped fourth ventricle: case report. *J Neurosurg Pediatr.* 2015 Jul 24:1-5. [Epub ahead of print] PubMed PMID: 26207666.
39. **Frassanito P**, Tamburrini G, Massimi L, Caldarelli M, Di Rocco C. Ghost Tumors of the Central Nervous System: Definition, Clinical Implications, and Proposal of Classification. *World Neurosurg.* 2015 Sep;84(3):663-70. doi: 10.1016/j.wneu.2015.03.063. Epub 2015 Apr 8. Review. PubMed PMID: 25862114.
40. Tamburrini G, **Frassanito P**, Chieffo D, Massimi L, Caldarelli M, Di Rocco C. Cerebellar mutism. *Childs Nerv Syst.* 2015 Oct;31(10):1841-51. doi: 10.1007/s00381-015-2803-6. Epub 2015 Sep 9. Review. PubMed PMID: 26351234.
41. Bianchi F, **Frassanito P**, Tamburrini G, Caldarelli M, Massimi L. Shunt malfunction mimicking a cystic tumour. *Br J Neurosurg.* 2016 Feb 6:1-3. doi: 10.3109/02688697.2016.1140124. [Epub ahead of print] PubMed PMID: 26853638.
42. Mattogno PP, **Frassanito P**, Massimi L, Tamburrini G, Novello M, Lauriola L, Caldarelli M. Spontaneous Regression of Pineal Lesions: Ghost Tumor or Pineal Apoplexy? *World Neurosurg.* 2016 Apr;88:64-9. doi: 10.1016/j.wneu.2015.12.080. Epub 2015 Dec 31. PubMed PMID: 26748174.
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