

# Concezio Di Rocco

He was [Pediatric neurosurgeon](#) in the [Pediatric Neurosurgery](#) Policlinico Universitario "Agostino Gemelli", dell'Università Cattolica del Sacro Cuore Roma.

Permanent Visiting Professor at [International Neuroscience Institute](#) INI-China in Beijing and the Children's Memorial Hospital, Northwestern University Medical School, Chicago.

Since May 2014, Prof Concezio Di Rocco has moved to Hannover, Germany to become the Director of Pediatric Neurosurgery at the International Neuroscience Institute

Has served as President of the [International Society of Pediatric Neurosurgery](#) and the [European Society for Pediatric Neurosurgery](#).

Chairman of the Pediatric Committee of the [World Federation of Neurosurgical Societies](#).

Together with prof. M. Choux and K. Hovind he founded the Postgraduate Course on Pediatric Neurosurgery which provided a special education in Pediatric Neurosurgery world-wide.

Prof. Di Rocco has written more than 290 articles in scientific journal and contributed with 60 chapters to medical textbooks; his co-edited book *Pediatric Neurosurgery*, Churchill Livingstone, received the Royal Society of Authors Medical Book Award.

Dr. Di Rocco is a member of the editorial board of a number of national and international journals and from 1985 to 1990 was Editor of *Rivista di Neuroscienze Pediatriche Journal of Pediatric Neurosciences*. He is also co-editor of the Springer book series *Principles of Pediatric Neurosurgery*.

Membre d'Honneur of the Société de Neurochirurgie de Langue Française.

## Publications as First Author

1: Di Rocco C. Main editor's comment to the paper: the response and survival of children with recurrent diffuse intrinsic pontine glioma based on phase II study of antineoplastons A10 and AS2-1 in patients with brainstem glioma. Stanislaw R. Burzynski, Tomasz J. Janicki, Gregory S. Burzynski, Ania Marszałek. *Childs Nerv Syst.* 2014 Dec;30(12):2063. doi: 10.1007/s00381-014-2513-5. Epub 2014 Aug 6. PubMed PMID: 25096071.

2: 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.

3: Di Rocco C. Comment to the paper by L. May: Lack of uniformity in the clinical assessment of children with lipomyelomeningocele. A review of the literature and recommendations for the future. *Childs Nerv Syst.* 2013 Jun;29(6):971. doi: 10.1007/s00381-013-2068-x. Epub 2013 Mar 20. PubMed PMID: 23512294.

4: 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.

5: Di Rocco C, Conforti G, Caldarelli M. The current minor perception of V-S complication. *World*

Neurosurg. 2014 Feb;81(2):285-7. doi: 10.1016/j.wneu.2013.03.022. Epub 2013 Mar 14. PubMed PMID: 23500126.

6: Di Rocco C, Trevisi G, Massimi L. Myelomeningocele: an overview. World Neurosurg. 2014 Feb;81(2):294-5. doi: 10.1016/j.wneu.2013.02.042. Epub 2013 Feb 26. PubMed PMID: 23454181.

7: 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.

8: 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.

9: Di Rocco C, Paternoster G, Caldarelli M, Massimi L, Tamburrini G. Anterior plagiocephaly: epidemiology, clinical findings, diagnosis, and classification. A review. Childs Nerv Syst. 2012 Sep;28(9):1413-22. doi: 10.1007/s00381-012-1845-2. Epub 2012 Aug 8. Review. PubMed PMID: 22872257.

10: 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.

11: Di Rocco C. Prof. Saffet Mutluer: president of the ISPN in 2009-2010. Childs Nerv Syst. 2011 Oct;27(10):1507-11. doi: 10.1007/s00381-011-1518-6. Epub 2011 Sep 17. PubMed PMID: 21928015.

12: Di Rocco C, Chieffo D, Frassanito P, Caldarelli M, Massimi L, Tamburrini G. Heraldng 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.

13: Di Rocco C. Malpractice and medical litigation. Childs Nerv Syst. 2010 Dec;26(12):1655-7. doi: 10.1007/s00381-010-1240-9. PubMed PMID: 20706841.

14: Di Rocco C, Chieffo D, Pettorini BL, Massimi L, Caldarelli M, Tamburrini G. Preoperative and postoperative neurological, neuropsychological and behavioral impairment in children with posterior cranial fossa astrocytomas and medulloblastomas: the role of the tumor and the impact of the surgical treatment. Childs Nerv Syst. 2010 Sep;26(9):1173-88. doi: 10.1007/s00381-010-1166-2. Epub 2010 Jun 16. PubMed PMID: 20552208.

15: Di Rocco C. Sylvian fissure arachnoid cysts: we do operate on them but should it be done? Childs Nerv Syst. 2010 Feb;26(2):173-5. doi: 10.1007/s00381-009-1041-1. PubMed PMID: 20012061.

16: Di Rocco C, Schweder PM, Aziz TZ, Solanki GA, Rekate HL, Walker ML, Lewis E, Mazza C. Dr. Anthony David Hockley. Childs Nerv Syst. 2010 Jan;26(1):7-12. doi: 10.1007/s00381-009-1010-8. PubMed PMID: 19888585.

17: Di Rocco C. The A. J. Raimondi ISPN Award. Childs Nerv Syst. 2009 Oct;25(10):1321-3. doi: 10.1007/s00381-009-0907-6. PubMed PMID: 19513724.

18: Di Rocco C, Massimi L. Focus Session "Changing epidemiology in pediatric neurosurgery". Childs Nerv Syst. 2009 Jul;25(7):785. doi: 10.1007/s00381-009-0868-9. Epub 2009 Apr 22. PubMed PMID: 19387656.

- 19: Di Rocco C. Pediatric neurosurgical centers. *Childs Nerv Syst.* 2009 Jan;25(1):5. doi: 10.1007/s00381-008-0730-5. PubMed PMID: 18958478.
- 20: 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.
- 21: Di Rocco C. Caput medusae. *Childs Nerv Syst.* 2007 Feb;23(2):137. PubMed PMID: 17111169.
- 22: Di Rocco C, Massimi L, Tamburrini G. Shunts vs endoscopic third ventriculostomy in infants: are there different types and/or rates of complications? A review. *Childs Nerv Syst.* 2006 Dec;22(12):1573-89. Epub 2006 Oct 20. Review. PubMed PMID: 17053941.
- 23: Di Rocco C. The child with the varus foot. *Childs Nerv Syst.* 2006 Nov;22(11):1377-8. PubMed PMID: 17021724.
- 24: Di Rocco C, Tamburrini G. Sturge-Weber syndrome. *Childs Nerv Syst.* 2006 Aug;22(8):909-21. Epub 2006 Jul 6. Review. PubMed PMID: 16823586.
- 25: Di Rocco C, Battaglia D, Pietrini D, Piastra M, Massimi L. Hemimegalencephaly: clinical implications and surgical treatment. *Childs Nerv Syst.* 2006 Aug;22(8):852-66. Epub 2006 Jul 5. Review. PubMed PMID: 16821075.
- 26: Di Rocco C, Cinalli G, Massimi L, Spennato P, Cianciulli E, Tamburrini G. Endoscopic third ventriculostomy in the treatment of hydrocephalus in pediatric patients. *Adv Tech Stand Neurosurg.* 2006;31:119-219. Review. PubMed PMID: 16768305.
- 27: Di Rocco C, Caldarelli M, Tamburrini G, Massimi L. Surgical management of craniopharyngiomas—experience with a pediatric series. *J Pediatr Endocrinol Metab.* 2006 Apr;19 Suppl 1:355-66. PubMed PMID: 16700311.
- 28: Di Rocco C, Tamburrini G, Pietrini D. Blood sparing in craniosynostosis surgery. *Semin Pediatr Neurol.* 2004 Dec;11(4):278-87. Review. PubMed PMID: 15828712.
- 29: Di Rocco C. "Syringomyelia with Chiari malformation; 3 unusual cases with implication of pathogenesis". *Acta Neurochir (Wien).* 2005 Feb;147(2):221. PubMed PMID: 15647891.
- 30: Di Rocco C, Caldarelli M, Tamburrini G, Koutzoglou M, Massimi L, Di Rocco F, Sabatino G, Farallo E, Seccia A, Pietrini D, Valenti M, Forte E, Rollo M, Tartaglione T, Pedicelli A, Tortorolo L, Piastra M. Craniopagus: the Thessaloniki-Rome experience. *Childs Nerv Syst.* 2004 Aug;20(8-9):576-86. Epub 2004 Jul 28. PubMed PMID: 15309474.
- 31: Di Rocco C, Velardi F. Acquired Chiari type I malformation managed by supratentorial cranial enlargement. *Childs Nerv Syst.* 2003 Dec;19(12):800-7. Epub 2003 Oct 28. PubMed PMID: 14586634.
- 32: Di Rocco C, Tamburrini G, Caldarelli M, Velardi F, Santini P. Prolonged ICP monitoring in Sylvian arachnoid cysts. *Surg Neurol.* 2003 Sep;60(3):211-8. PubMed PMID: 12922037.
- 33: Di Rocco C, Tamburrini G. Shunt dependency in shunted arachnoid cyst: a reason to avoid shunting. *Pediatr Neurosurg.* 2003 Mar;38(3):164. PubMed PMID: 12601243.
- 34: Di Rocco C. How to decrease the impact of surgical scar in the correction of sagittal synostosis. *Childs Nerv Syst.* 2003 Jan;19(1):42-5. Epub 2002 Nov 22. PubMed PMID: 12541085.

- 35: Di Rocco C, Iannelli A, Tamburrini G. Two anatomical specimens after hemispherectomy. *Pediatr Neurosurg.* 2002 Nov;37(5):275. PubMed PMID: 12411722.
- 36: Di Rocco C, Iannelli A. Bilateral thalamic tumors in children. *Childs Nerv Syst.* 2002 Aug;18(8):440-4. Epub 2002 Jul 2. PubMed PMID: 12192503.
- 37: Di Rocco C. International Education in Pediatric Neurosurgery. Pudenz lecture: ASPN 2002, NEVIS, 1/28/2002. *Pediatr Neurosurg.* 2002 Jul;37(1):8-18. PubMed PMID: 12138213.
- 38: Di Rocco C, Raimondi AJ. Anthony J. Raimondi ISPN Award. *Childs Nerv Syst.* 2001 Nov;17(11):637-43. PubMed PMID: 11734981.
- 39: Di Rocco C, Jallo GI, Silvera M, Jimenez E, Abbott IR. A 4-year-old boy with partial complex seizures. *Pediatr Neurosurg.* 2001 Jun;34(6):319-24. PubMed PMID: 11455233.
- 40: Di Rocco C, Iannelli A. Hemimegalencephaly and intractable epilepsy: complications of hemispherectomy and their correlations with the surgical technique. A report on 15 cases. *Pediatr Neurosurg.* 2000 Oct;33(4):198-207. PubMed PMID: 11124637.
- 41: Di Rocco C, Tamburrini G, Rollo M. Cerebral arteriovenous malformations in children. *Acta Neurochir (Wien).* 2000;142(2):145-56; discussion 156-8. PubMed PMID: 10795888.
- 42: Di Rocco C, Di Rienzo A. Meningiomas in childhood. *Crit Rev Neurosurg.* 1999 May 25;9(3):180-188. PubMed PMID: 10369973.
- 43: Di Rocco C, Iannelli A, Tamburrini G. Surgical management of paediatric cerebral cavernomas. *J Neurosurg Sci.* 1997 Dec;41(4):343-7. PubMed PMID: 9555641.
- 44: Di Rocco C, Iannelli A, Tamburrini G. Cavernous angiomas of the brain stem in children. *Pediatr Neurosurg.* 1997 Aug;27(2):92-9. Review. PubMed PMID: 9520081.
- 45: Di Rocco C, Iannelli A, Papacci F, Tamburrini G. Prognosis of medulloblastoma in infants. *Childs Nerv Syst.* 1997 Jul;13(7):388-96. PubMed PMID: 9298275.
- 46: Di Rocco C, Iannelli A. Poor outcome of bilateral congenital choroid plexus papillomas with extreme hydrocephalus. *Eur Neurol.* 1997;37(1):33-7. PubMed PMID: 9018030.
- 47: Di Rocco C, Velardi F, Ferrario A, Marchese E. Metopic synostosis: in favour of a "simplified" surgical treatment. *Childs Nerv Syst.* 1996 Nov;12(11):654-63. PubMed PMID: 9118127.
- 48: Di Rocco C, Velardi F. Consensus Conference on Craniosynostoses, Rome, 4-6 May 1995. Innovative thoughts and approaches in the surgical treatment of craniosynostosis. *Childs Nerv Syst.* 1996 Nov;12(11):637-9. Review. PubMed PMID: 9118125.
- 49: Di Rocco C. The significance of an international society. *Childs Nerv Syst.* 1996 May;12(5):234-41. PubMed PMID: 8737798.
- 50: Di Rocco C, Iannelli A, Tamburrini G. Cavernomas of the central nervous system in children. A report of 22 cases. *Acta Neurochir (Wien).* 1996;138(11):1267-74; discussion 1273-4. Review. PubMed PMID: 8980728.
- 51: Di Rocco C, Iannelli A, Tamburrini G. [Late clinical manifestations of hydrocephalus associated with aqueductal stenosis]. *Minerva Pediatr.* 1995 Dec;47(12):511-20. Italian. PubMed PMID: 8900560.

- 52: Di Rocco C, Iannelli A, La Marca F, Tornesello A, Mastrangelo S, Riccardi R. Preoperative chemotherapy with carboplatin alone in high risk medulloblastoma. *Childs Nerv Syst.* 1995 Oct;11(10):574-8. PubMed PMID: 8556723.
- 53: Di Rocco C, Iannelli A, Marchese E. [Tuberous sclerosis: neuropsychological implications]. *Minerva Pediatr.* 1995 Apr;47(4):111-7. Italian. PubMed PMID: 7643808.
- 54: Di Rocco C, Iannelli A, Tancredi A. Patterns of failure in surgical therapy of medulloblastomas. *J Neurosurg Sci.* 1995 Mar;39(1):1-6. PubMed PMID: 8568550.
- 55: Di Rocco C, Iannelli A, Marchese E. On the treatment of subependymal giant cell astrocytomas and associated hydrocephalus in tuberous sclerosis. *Pediatr Neurosurg.* 1995;23(3):115-21. PubMed PMID: 8751291.
- 56: Di Rocco C. The establishment of a positive working relationship with other pediatric subspecialties. *Childs Nerv Syst.* 1995 Jan;11(1):50-2. PubMed PMID: 7712503.
- 57: Di Rocco C, Iannelli A, Colosimo C Jr. Spinal epidural meningiomas in childhood: a case report. *J Neurosurg Sci.* 1994 Dec;38(4):251-4. PubMed PMID: 7562032.
- 58: Di Rocco C, Marchese E, Velardi F. A survey of the first complication of newly implanted CSF shunt devices for the treatment of nontumoral hydrocephalus. Cooperative survey of the 1991-1992 Education Committee of the ISPN. *Childs Nerv Syst.* 1994 Jul;10(5):321-7. PubMed PMID: 7954501.
- 59: Di Rocco C, Iannelli A, Marchese E, Vigevano F, Rossi GF. [Surgical treatment of epileptogenic hemimegalencephaly]. *Minerva Pediatr.* 1994 May;46(5):231-7. Italian. PubMed PMID: 7522301.
- 60: Di Rocco C. Is the slit ventricle syndrome always a slit ventricle syndrome? *Childs Nerv Syst.* 1994 Jan;10(1):49-58. Review. PubMed PMID: 8194063.
- 61: Di Rocco C. The identification and the education of a pediatric neurosurgeon at an international level. *Childs Nerv Syst.* 1993 Jul;9(4):197-202. PubMed PMID: 8402700.
- 62: Di Rocco C, Caldarelli M, Guzzetta F, Torrioli G. Surgical indication in children with congenital hemiparesis. *Childs Nerv Syst.* 1993 Apr;9(2):72-80. PubMed PMID: 8319235.
- 63: Di Rocco C, Palma P, Pancani S, Velardi F. [Postprandial and postural dyspnea: a clinical sign of intraperitoneal pseudocyst in patients with hydrocephalus and ventriculo-peritoneal shunt]. *Pediatr Med Chir.* 1993 Mar-Apr;15(2):179-82. Italian. PubMed PMID: 8321720.
- 64: Di Rocco C, Ceddia A, Iannelli A. Intracranial tumours in the first year of life. A report on 51 cases. *Acta Neurochir (Wien).* 1993;123(1-2):14-24. PubMed PMID: 8213273.
- 65: di Rocco C, Marchese E, Velardi F. Craniosynostosis: surgical treatment during the first year of life. *J Neurosurg Sci.* 1992 Jul-Sep;36(3):129-37. PubMed PMID: 1484298.
- 66: Di Rocco C, Marchese E, Velardi F. Fibrous dysplasia of the skull in children. *Pediatr Neurosurg.* 1992;18(3):117-26. PubMed PMID: 1457370.
- 67: Di Rocco C, Iannelli A, Ceddia A. Intracranial tumors of the first year of life. A cooperative survey of the 1986-1987 Education Committee of the ISPN. *Childs Nerv Syst.* 1991 Jun;7(3):150-3. PubMed PMID: 1878869.

- 68: Di Rocco C, Iannelli A, Ceddia A. Intracranial tumors of the first year of life. *J Neurosurg Sci.* 1990 Jul-Dec;34(3-4):299-300. PubMed PMID: 2098508.
- 69: Di Rocco C, Caldarelli M, Ceddia A. "Occult" hydrocephalus in children. *Childs Nerv Syst.* 1989 Apr;5(2):71-5. PubMed PMID: 2637680.
- 70: Di Rocco C, Rende M. Neural tube defects: considerations on the pathogenesis and correlation with myelodysplasia in man. II. An experimental model. *Fetal Ther.* 1989;4 Suppl 1:99-103. PubMed PMID: 2487915.
- 71: Di Rocco C, Rende M. Neural tube defects: considerations on the pathogenesis and correlation with myelodysplasia in man. I. Embryological aspects. *Fetal Ther.* 1989;4 Suppl 1:92-8. Review. PubMed PMID: 2487914.
- 72: Di Rocco C, Velardi F. Nosographic identification and classification of plagiocephaly. *Childs Nerv Syst.* 1988 Feb;4(1):9-15. PubMed PMID: 3401869.
- 73: Di Rocco C, Caldarelli M, Mangiola A, Milani A. The lumbar subarachnoid infusion test in infants. *Childs Nerv Syst.* 1988 Feb;4(1):16-21. PubMed PMID: 3401864.
- 74: Di Rocco C, Rende M. Neural tube defects. Some remarks on the possible role of glycosaminoglycans in the genesis of the dysraphic state, the anomaly in the configuration of the posterior cranial fossa, and hydrocephalus. *Childs Nerv Syst.* 1987;3(6):334-41. PubMed PMID: 3450385.
- 75: Di Rocco C, Iannelli A, Puca A, Colosimo C Jr. Spontaneous thrombosis of an aneurysm of the great vein of Galen. *Eur Neurol.* 1983;22(4):293-9. PubMed PMID: 6884399.
- 76: Di Rocco C, Iannelli A, Puca A, Calisti A. [Hydrocele and inguinal hernia after ventriculo-peritoneal shunt in childhood]. *Pediatr Med Chir.* 1982 Nov-Dec;4(6):661-4. Italian. PubMed PMID: 6927418.
- 77: Di Rocco C, Iannelli A, Salvaggio E. [The ventriculo-peritoneal shunt in the treatment of non-tumoral hydrocephalus in childhood]. *Minerva Pediatr.* 1982 Mar 31;34(6):251-4. Italian. PubMed PMID: 7099114.
- 78: Di Rocco C, Mancinelli R, Pola P, Velardi F. A modified slit-valve shunt prototype for the management of hydrocephalus. *J Neurosurg.* 1981 Jun;54(6):763-6. PubMed PMID: 7241185.
- 79: di Rocco C, Caldarelli M, di Trapani G. Infratentorial arachnoid cysts in children. *Childs Brain.* 1981;8(2):119-33. PubMed PMID: 7249813.
- 80: Di Rocco C, Caldarelli M, Maira G, Rossi GF. The study of cerebrospinal fluid dynamics in apparently **arrested hydrocephalus** in children. *Childs Brain.* 1977;3(6):359-74. PubMed PMID: 303979.
- 81: Di Rocco C, Maira G, Rossi GF, Vignati A. Cerebrospinal fluid pressure studies in normal pressure hydrocephalus and cerebral atrophy. *Eur Neurol.* 1976;14(2):119-28. PubMed PMID: 942919.

From:

<https://neurosurgerywiki.com/wiki/> - **Neurosurgery Wiki**



Permanent link:

[https://neurosurgerywiki.com/wiki/doku.php?id=concezio\\_di\\_rocco](https://neurosurgerywiki.com/wiki/doku.php?id=concezio_di_rocco)

Last update: **2024/06/07 02:58**