

Prof. Pietro Mortini
Key Publications – Upd. June 2020

1. Iannaccone S, Alemanno F, Houdayer E, Brugliera L, Castellazzi P, Cianflone D, Meloni C, Ambrosio A, **Mortini P**, Spina A, Filippi M. *COVID-19 rehabilitation units are twice as expensive as regular rehabilitation units.* **J Rehabil Med.** 2020. Online ahead of print.
2. **Mortini P**, Nocera G, Roncelli F, Losa M, Formenti AM, Giustina A. *The optimal numerosity of the referral population of pituitary tumors centers of excellence (PTCOE): A surgical prespective.* **Rev Endocr Metab Disord.** 2020 Jun 2. Online ahead of print.
3. Panni P, Gallotti AL, Gigliotti CR, Shehata AB, Albano L, da Passano CF, Barzaghi RLA, Capitanio JF, Righi C, Simionato F, Scomazzoni F, Del Vecchio A, Falini A, Mortini P. *Impact of flow and angioarchitecture on brain arteriovenous malformation outcome after gamma knife radiosurgery: the role of hemodynamics and morphology in obliteration.* **Acta Neurochir (Wien).** 162 (7):1749-57. 2020
4. COVIDSurg Collaborative. *Mortality and pulmonary complications in patients undergoing surgery with perioperative SARS-CoV-2 infection: an international cohort study.* **Lancet** 2020. Online ahead of print.
5. Brugliera L, Spina A, Castellazzi P, Cimino P, Arcuri P, Negro A, Houdayer E, Alemanno F, Giordani A, **Mortini P**, Iannaccone S. *Nutritional management of COVID-19 patients in a rehabilitation unit.* **Eur J Clin Nutr.** 74(6):860-863. 2020.
6. Donofrio C. A, Cavalli A, Gemma M, Riccio L, ..**Mortini P**. *Cumulative intracranial tumour volume prognostic assessment: a new predicting score index for patients with brain metastases treated by stereotactic radiosurgery.* **Clinical & experimental metastasis.** 2020.
7. Mandelli C, Spina A, Calvanese F, Mortini P. *How I do it: posterior transdural approach for central soft thoracic disk herniation.* **Acta Neurochir (Wien).** 2020 .
8. Brugliera L, Spina A, Castellazzi P,, **Mortini P**. Iannaccone S. *Rehabilitation of COVID-19 patients.* **Journal of rehabilitation Medicine.** 52(4): 2020.
9. Spina A, Boari N, Gagliardi F, Bailo M, Calvanese F, **Mortini P**. *The Management Of Neurosurgical Patients During The Covid-19 Pandemic.* **World Neurosurg.** 2020.
10. Albano L, Losa M, Flickinger JC, **Mortini P**, Minniti G. *Radiotherapy of parasellar tumours.* **Neuroendocrinology.** 2020.
11. Losa M, Castellino L, Pagnano A, Rossini A, **Mortini P**, Lanzi R. *Growth Hormone Therapy Does Not Increase the Risk of Craniopharyngioma and Nonfunctioning Pituitary Adenoma Recurrence.* **Clin Endocrinol Metab.** 105 (5). 2020.
12. Morselli C, Boari N, Artico M, Bailo M, Piccioni LO, Giallini I, de Vincentiis M, **Mortini P**, Mancini P. *The emerging role of hearing loss rehabilitation in patients with vestibular schwannoma treated with Gamma Knife radiosurgery: literature review.* **Neurosurg Rev.** 2020
13. Donofrio CA, Capitanio JF, Riccio L, Herur-Raman A, Caputy AJ, **Mortini P**. *Mini Fronto-Orbital Approach: "Window Opening" Towards the Superomedial Orbit - A Virtual Reality-Planned Anatomic Study.* **Oper Neurosurg (Hagerstown).** 2020.
14. Gagliardi F, Piloni M, Bailo M, Boari N, Calvanese F, Spina A, Caputy AJ, **Mortini P**. *Comparative anatomical study on the role of zygomatic osteotomy in the extradural subtemporal approach to the clival region, when less is more.* **Surg Radiol Anat.** 42: 567-575, 2020.
15. Gagliardi F, Boari N, Piloni M, Bailo M, Caputy AJ, Mortini P. *In Reply to the Letter to the Editor Regarding "Temporal Galeofascial Flap for Reconstruction After Transmaxillary Approaches to the Clival Region".* **World Neurosurg.** 133:451.2020
16. Gagliardi F, Narayanan A, Gallotti AL, Pieri V, Mazzoleni S, Cominelli M, Rezzola S, Corsini M, Brugnara G, Altabella L, Politi LS, Bacigaluppi M, Falini A, Castellano A, Ronca R, Poliani PL, **Mortini P**, Galli R. *Enhanced SPARCL1 expression in cancer stem cells improves preclinical modeling of glioblastoma by promoting both tumor infiltration and angiogenesis.* **Neurobiol Dis.** 2020.
17. Albano L, Losa M, Barzaghi LR, Spatola G, Panni P, Terreni MR, **Mortini P**. *Primary sellar melanocytoma: pathological, clinical and treatment review.* **J Endocrinol Invest.** 43(5):575-585. 2020.
18. Giustina A, Barkan A, Beckers A, Biermasz N, Biller B M K e al. *Consensus on the Diagnosis and Treatment of Acromegaly Comorbidities: An Update.* **J Clin Endocrinol Metab.** 105(4) 2020.

19. Spina A, Rocca A, Boari N, ..., Bailo M, **Mortini P**. *Atlantoaxial instability management in down syndrome*. **Journal of neurosurgical sciences**. 64:220-221. **2020**.
20. Bailo M, Gagliardi F, Boari N, Castellano A, Spina A, **Mortini P**: *The Role of Surgery in Meningiomas*. **Curr Treat Options Neurol** 21(10):51. **2019**.
21. Giustina A, Barkan Albano L, Losa M, Spatola G, Panni P, Terreni MR, Barzaghi LR, **Mortini P**: *Primary sellar melanocytoma: report of two cases treated at the same institution and their long-term outcome*. **Br J Neurosurg**:1-5, **2019**.
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23. Spina A, Gagliardi F, Abarca-Olivas J, Bailo M, Boari N, Gonzalez-Lopez P, Gragnaniello C, Caputy AJ, **Mortini P**. *Endonasal Endoscopic and Transoral Approaches to the Craniovertebral Junction and the Clival Region: A Comparative Anatomical Study*. **World Neurosurg**, **2019**.
24. Gagliardi F, Piloni M, Bailo M, Gragnaniello C, Nocera G, Boari N, Spina A, Caputy AJ, **Mortini P**: *Temporal myofascial segmentation for multilayer reconstruction of middle cranial fossa floor after extradural subtemporal approach to the clival and paraclival region*. **Head Neck** 41:3631-3638, **2019**.
25. Gagliardi F, Piloni M, Bailo M, Gragnaniello C, Boari N, Donofrio CA, Barzaghi LR, Capitanio JF, Caputy AJ, **Mortini P**: *Anatomic Study on Neuroendoportal Transcortical Approach to Lateral Ventricles*. **World Neurosurg**, **2019**.
26. Spina A, Losa M, **Mortini P**: *Pituitary adenomas in elderly patients: clinical and surgical outcome analysis in a large series*. **Endocrine** 65:637-645, **2019**.
27. Alemanno F, Houdayer E, Emedoli D, Locatelli M, Mortini P, Mandelli C, Raggi A, Iannaccone S. *Efficacy of virtual reality to reduce chronic low back pain: Proof-of-concept of a nonpharmacological approach on pain, quality of life, neuropsychological and functional outcome*. **PLoS One** 14(5). **2019**.
28. Panni P, Donofrio CA, Barzaghi LR, Giudice L, Albano L, Righi C, Simionato F, Scomazzoni F, Cozzi S, Calvi MR, Beretta L, Falini A, **Mortini P**: *Safety and feasibility of lumbar drainage in the management of poor grade aneurysmal subarachnoid hemorrhage*. **J Clin Neurosci** 64:64-70, **2019**.
29. Iannaccone S, Spina A, Alemanno F, Della Rosa PA, Houdayer E, Raggi A, Riccio L, Brugliera L, **Mortini P**: *Uncertain Effectiveness of Prophylactic Anticonvulsive Medication in Predicting Cognitive Outcome of Neurosurgical Patients*. **World Neurosurg** 127:e692-e696, **2019**.
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32. Albano L, Losa M, Nadin F, Barzaghi LR, Parisi V, Del Vecchio A, Bolognesi A, **Mortini P**: *Safety and efficacy of multisection gamma knife radiosurgery for residual or recurrent pituitary adenomas*. **Endocrine** 64:639-647, **2019**.
33. Panni P, Colombo E, Donofrio CA, Barzaghi LR, Albano L, Righi C, Scomazzoni F, Simionato F, **Mortini P**, Falini A, Anzalone N. *Hemorrhagic burden in poor-grade aneurysmal subarachnoid hemorrhage: a volumetric analysis of different bleeding distributions*. **Acta Neurochir (Wien)**. 161: 791-797. **2019**.
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35. Barzaghi LR, Parisi V, Gigliotti CR, Giudice L, Snider S, Dell'Acqua A, Del Vecchio A, **Mortini P**. *Bone resorption in autologous cryopreserved cranioplasty: quantitative evaluation, semiquantitative score and clinical significance*. **Acta Neurochir (Wien)** 161(3):483-491. **2019**.
36. Albano L, Parisi V, Acerno S, Barzaghi LR, Losa M, **Mortini P**: *Sublabial transsphenoidal microsurgical technique to treat congenital transsphenoidal encephalocele: a technical note*. **Neurosurg Rev** 42:571-575, **2019**.
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38. Capitanio JF, Panni P, Gallotti AL, Gigliotti CR, Scomazzoni F, Acerno S, Del Vecchio A, **Mortini P**: *Radiosurgical treatment of arteriovenous malformations in a retrospective study group of 33 children: the importance of radiobiological scores. Childs Nerv Syst* 35(2):301-308, 2019.
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 52. Gagliardi F, Spina A, Bailo M, Boari N, Cavalli A, Franzin A, Fava A, Del Vecchio A, Bolognesi A, **Mortini P**: *Effectiveness of Gamma Knife Radiosurgery in Improving Psychophysical Performance and Patient's Quality of Life in Idiopathic Trigeminal Neuralgia. World Neurosurg* 110:e776-e785, 2018.
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 54. Gagliardi F, Chau AM, **Mortini P**, Caputy AJ, Gragnaniello C: *Skull Base Neuroendoscopic Training Model Using a Fibrous Injectable Tumor Polymer and the Nico Myriad. J Craniofac Surg* 29:e25-e28, 2018.
 55. Barzaghi, L.R., Donofrio, C.A, Panni, P., Losa, M., **Mortini, P.** *Treatment of empty sella associated with visual impairment: a systematic review of chiasmpexy techniques. Pituitary*, 2018.

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