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List of Published Papers

1: Gatto LA, Mathias R, Tuma R, Abdalla R, de Aguiar PH. Rare complication of ventriculoperitoneal shunt: Catheter protrusion to subcutaneous tissue - Case report. **Surg Neurol Int.** 2016 Dec 28;7(Suppl 44):S1142-S1146. doi:10.4103/2152-7806.196926. PubMed PMID: 28194301; PubMed Central PMCID: PMC5299149.

2: Mathias RN, de Aguiar PH, da Luz Oliveira EP, Verst SM, Vieira V, Docema MF, Calfat Maldaun MV. "Next Door" intraoperative magnetic resonance imaging for awake craniotomy: Preliminary experience and technical note. **Surg Neurol Int.** 2016 Dec 12;7(Suppl 40):S1021-S1027. doi: 10.4103/2152-7806.195587. PubMed PMID: 28144477; PubMed Central PMCID: PMC5234280.

3: Abdulrauf SI, Ashour AM, Marvin E, Coppens J, Kang B, Hsieh TY, Nery B, Penanes JR, Alsahlawi AK, Moore S, Abou Al-Shaar H, Kemp J, Chawla K, Sujjantararat N, Najeeb A, Parkar N, Shetty V, Vafaie T, Antisdell J, Mikulec TA, Edgell R, Lebovitz J, Pierson M, Pires de Aguiar PH, Buchanan P, Di Cosola A, Stevens G. Proposed clinical internal carotid artery classification system. **J Craniovertebr Junction Spine.** 2016 Jul-Sep;7(3):161-70. doi:10.4103/0974-8237.188412. PubMed PMID: 27630478; PubMed Central PMCID: PMC4994148.

4: Aguiar PH, ESTEVÃO IA, Pacheco CC, Maldaun MV, Oliveira CT. Distal Anterior Cerebral Artery Aneurysms (Pericallosal Artery): A Report of 19 Cases and Literature Review. **Turk Neurosurg.** 2016 Apr 20. doi: 10.5137/1019-5149.JTN.17412-16.2. [Epub ahead of print] PubMed PMID: 27476925.

5: Mathias RN, Lieber S, de Aguiar PH, Maldaun MV, Gardner P, Fernandez-Miranda JC. Interfascial Dissection for Protection of the Nerve Branches to the Frontalis Muscles during Supraorbital Trans-Eyebrow Approach: An Anatomical Study and Technical Note. **J Neurol Surg B Skull Base.** 2016 Jun;77(3):265-70. doi:10.1055/s-0035-1568872. PubMed PMID: 27175323; PubMed Central PMCID: PMC4862837.

6: Gripp DA, Nakasone FJ, Maldaun MV, de Aguiar PH, Mathias LR Jr. Giant pseudoaneurysm originated from distal middle cerebral artery dissection treated by trapping under sensitive evoked potential and motor evoked potential monitoring: Case report and discussion. **Surg Neurol Int.** 2016 Apr 1;7(Suppl9):S214-8. doi: 10.4103/2152-7806.179573. PubMed PMID: 27127710; PubMed Central PMCID: PMC4828946.

7: de Lima Oliveira M, Bor-Seng-Shu E, Simm RF, Vilas Boas T, Pires Aguiar PH. Commentary: Systemic, Local, and Imaging Biomarkers of Brain Injury: More Needed, and Better Use of Those Already Established? **Front Neurol.** 2016 Mar 21;7:34. doi:10.3389/fneur.2016.00034. PubMed PMID: 27047442; PubMed Central PMCID: PMC4800171.

8: de Araújo Júnior AS, de Aguiar PH, Fazzito MM, Simm R, Stefani MA, Zicarelli CA, Antunes AC. Prospective factors of temporary arterial occlusion during anterior communicating artery aneurysm repair. **Acta Neurochir Suppl.** 2015;120:231-5. doi: 10.1007/978-3-319-04981-6_39. PubMed PMID: 25366629.

9: Adams Pérez J, Rassier Isolan G, Pires de Aguiar PH, Antunes AM. **Volumetry and analysis of anatomical variants of the anterior portion of the petrous apex outlined by the kawase triangle using computed tomography.** **J Neurol Surg B Skull Base.** 2014 Jun;75(3):147-51. doi: 10.1055/s-0033-1356491. Epub 2014 Mar 12. PubMed PMID: 25072007; PubMed Central PMCID: PMC4078171.

10: Verst SM, Sucena AC, Maldaun MV, Aguiar PH. **Effectiveness of C5 or C6-Cz assembly in predicting immediate post operative facial nerve deficit.** **Acta Neurochir (Wien).** 2013 Oct;155(10):1863-9. doi: 10.1007/s00701-013-1806-x. Epub 2013 Jul 18. PubMed PMID: 23864399.

11: Verst SM, Chung TM, Sucena AC, Maldaun MV, Aguiar PH. **Comparison between the C5 or C6-Cz electrode assembly and C3 or C4-Cz assembly for transcranial electric motor activation of muscular response of the contralateral facial nerve.** **Acta Neurochir (Wien).** 2012 Dec;154(12):2229-35. doi: 10.1007/s00701-012-1505-z. Epub 2012 Oct 4. PubMed PMID: 23053280.

12: de Aguiar PH, Zicarelli CA, Isolan G, Antunes A, Aires R, Georgeto

SM, Tahara A, Haddad F. **Brainstem cavernomas: a surgical challenge. Einstein (Sao Paulo).** 2012 Jan-Mar;10(1):67-73. PubMed PMID: 23045829.

13: de Aguiar PH, Barros I, Paiva BL, Simm RF. Removal of clots in subarachnoid space could reduce the vasospasm after subarachnoid hemorrhage. **Acta Neurochir Suppl.** 2013;115:91-3. doi: 10.1007/978-3-7091-1192-5_20. PubMed PMID: 22890652.

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15: Perondi GE, Isolan GR, de Aguiar PH, Stefani MA, Falchetta EF. **Endoscopic anatomy of sellar region. Pituitary.** 2013 Jun;16(2):251-9. doi:10.1007/s11102-012-0413-9. PubMed PMID: 22847021.

16: Lima EC, Otaduy MC, Tsunemi M, Pincerato R, Cardoso EF, Rosemberg S, Aguiar PH, Cerri GG, Leite CC. **The effect of paramagnetic contrast in choline peak in patients with glioblastoma multiforme might not be significant. AJNR Am J Neuroradiol.** 2013 Jan;34(1):80-4. doi: 10.3174/ajnr.A3181. Epub 2012 Jul 5. PubMed PMID: 22766678.

17: Acioly MA, Liebsch M, de Aguiar PH, Tatagiba M. **Facial nerve monitoring during cerebellopontine angle and skull base tumor surgery: a systematic review from description to current success on function prediction. World Neurosurg.** 2013 Dec;80(6):e271-300. doi: 10.1016/j.wneu.2011.09.026. Epub 2011 Nov 1. Review. PubMed PMID: 22120256.

18: Uno M, Oba-Shinjo SM, Camargo AA, Moura RP, Aguiar PH, Cabrera HN, Begnami M, Rosemberg S, Teixeira MJ, Marie SK. **Correlation of MGMT promoter methylation status with gene and protein expression levels in glioblastoma. Clinics (Sao Paulo).** 2011;66(10):1747-55. PubMed PMID: 22012047; PubMed Central PMCID: PMC3180167.

19: Acioly MA, de Aguiar PH, Tatagiba M. **Continuous monitoring of evoked facial nerve electromyograms: a new device for an old**

concept. Acta Neurochir (Wien). 2011 Nov;153(11):2271-2; author reply 2273-4. doi: 10.1007/s00701-011-1103-5. Epub 2011 Aug 2. PubMed PMID: 21809001.

20: Romero Adel C, da Silva CE, de Aguiar PH. The distance between the posterior communicating arteries and their relation to the endoscopic third ventriculostomy in adults: An anatomic study. **Surg Neurol Int.** 2011;2:91. doi:10.4103/2152-7806.82373. Epub 2011 Jun 30. PubMed PMID: 21748043; PubMed Central PMCID: PMC3130471.

21: Acioly MA, Gharabaghi A, Liebsch M, Carvalho CH, Aguiar PH, Tatagiba M. **Quantitative parameters of facial motor evoked potential during vestibular schwannoma surgery predict postoperative facial nerve function. Acta Neurochir (Wien).** 2011 Jun;153(6):1169-79. doi: 10.1007/s00701-011-0995-4. Epub 2011 Apr 1. PubMed PMID: 21455744.

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24: Pires de Aguiar PH, Aires R, Maldaun MV, Tahara A, de Souza Filho AM, Zicarelli CA, Ramina R. **Is sagittal sinus resection in falx meningiomas a factor of bad surgical outcome? Surg Neurol Int.** 2010 Oct 25;1:64. doi:10.4103/2152-7806.71983. PubMed PMID: 21125007; PubMed Central PMCID: PMC2980903.

25: Aguiar PH, Tahara A, de Almeida AN, Kurisu K. **Microsurgical treatment of tentorial meningiomas: Report of 30 patients. Surg Neurol Int.** 2010 Jul 29;1.pii: 36. doi: 10.4103/2152-7806.66851. PubMed PMID: 20847917; PubMed Central PMCID: PMC2940096.

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Rodriguez EF. **Cerebrospinal fluid fistula after endoscopic transsphenoidal surgery: experience in a spanish center.** *Arq Neuropsiquiatr.* 2010 Jun;68(3):414-7. PubMed PMID: 20602047.

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28: Andrade FG, de Aguiar PH, Matushita H, Taricco MA, Oba-Shinjo SM, Marie SK, Teixeira MJ. **Intracranial and spinal ependymoma: series at Faculdade de Medicina, Universidade de São Paulo.** *Arq Neuropsiquiatr.* 2009 Sep;67(3A):626-32. PubMed PMID: 19722039.

29: Romero AD, Zicarelli CA, Pinto FC, Pasqualucci CA, Aguiar PH. **Simulation of endoscopic third ventriculostomy in fresh cadaveric specimens.** *Minim Invasive Neurosurg.* 2009 Jun;52(3):103-6. doi: 10.1055/s-0029-1231080. Epub 2009 Jul 31. PubMed PMID: 19650011.

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41: Gasparetto EL, Leite Cda C, Lucato LT, Barros CV, Marie SK, Santana P, AguiarPH, Rosemberg S. **Intracranial meningiomas: magnetic resonance imaging findings in 78 cases.** *Arq Neuropsiquiatr.* 2007 Sep;65(3A):610-4. PubMed PMID: 17876400.

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