

GUSTAVO DE OLIVEIRA ALMEIDA

Curriculum Vitae

Fourth-year medical student and researcher associate at the Department of Neurological Surgery, Federal University of Triângulo Mineiro. 30 Frei Paulino Street, Uberaba, Brazil.

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EDUCATION

2022 - ongoing	Federal University of Triângulo Mineiro - Faculty of Medicine
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WORK EXPERIENCE

2025 - ongoing	Neurosurgical Innovations and Training Center Lab - Weill Cornell Medicine, Neurological Surgery - <i>Research Associate</i>
2024 - ongoing	George Washington University Department of Neurological Surgery - <i>Research Associate</i>
2023 - ongoing	Department of Neurological Surgery Federal University of Triângulo Mineiro - <i>Research Associate</i>

LEADERSHIP & EDUCATION

2025	TEDx Organizer - Curatorship Committee (Curator at the TEDx UFTM 2025, 7th edition)
2024 - ongoing	Scientific Coordinator of Neurosurgical Research Projects - George Washington University
2024	Scientific Director of the National Critical Patient Congress (CNPC 2024)
2023	Scientific Director of the Cardiology UFTM Research Group (LaCardio 2023)

2023

Teacher Assistant - Neuroanatomy (UFTM)

2023

Teacher Assistant - Surgical Techniques (UFTM)

SCIENTIFIC PRODUCTION (19)*

*PubMed Indexed Articles

2025

1. Ferreira MY, Scarramal JPL, Cheidde L, Sistiaga IL, Ribeiro FV, Cheidde L, Ladeira Júnior PP, Mishaly A, **de Oliveira Almeida G**, Rychen J, Ferreira C, Araujo R, Langer D, Martinez-Perez R. Treatment and outcomes of concomitant parasellar meningiomas and anterior circulation aneurysms: a systematic review and perspective in the endovascular era. **Neurosurg Rev.** 2025 May 8;48(1):405. doi: 10.1007/s10143-025-03551-9. PMID: 40338346.
2. Baptista JM, Brenner LBO, Koga JV, Ohannesian VA, Ito LA, Nabarro PH, Santos LP, Henrique A, **de Oliveira Almeida G**, Berbet LU, Paranhos T, Nespoli V, Bertani R. Radiomics, machine learning, and deep learning for hippocampal sclerosis identification: a systematic review and diagnostic meta-analysis. **Epilepsy Behav.** 2025 Jul 29;171:110624. doi: 10.1016/j.yebeh.2025.110624. Epub ahead of print. PMID: 40737956.
3. Ferreira MY, Barros EA, Günkân A, Scarramal JPL, Cheidde L, **de Oliveira Almeida G**, Cardoso LJC, de Souza Duarte M, Maia HG, Bertani R, Bocanegra-Becerra JE, Brenner LBO, Ferreira C, Gordon D, Ellis JA, Serulle Y. Comprehensive assessment of the feasibility, safety, and efficacy of the pressure cooker technique in the treatment of brain arteriovenous malformations: Systematic review and meta-analysis. **Neurosurg Rev.** 2025 May 30;48(1):469. doi: 10.1007/s10143-025-03620-z. PMID: 40447818.
4. Palavani LB, Ferreira MY, Pereira MAOM, Cheidde L, **de Oliveira Almeida G**, Cheidde L, Júnior PPL, Pereira VGG, Bertani R, Paiva W. Cesium 131 seeds for high-grade gliomas: a systematic review and meta-analysis of gammatile as a brachytherapy innovation. **Neurosurg Rev.** 2025 Mar 17;48(1):299. doi: 10.1007/s10143-025-03429-w. PMID: 40091071.
5. Ferreira MY, Cardoso LJC, Scarramal JPL, Ribeiro FV, Mora LD, Souza SB, Ferreira JSN, Akbar I, **de Oliveira Almeida G**, Bocanegra-Becerra JE, Günkân A, Ferreira C, Gordon D, Langer D, Serulle Y. Safety and efficacy of the Woven EndoBridge (WEB) device in ruptured intracranial aneurysms: a systematic review and updated meta-analysis. **Neuroradiology.** 2025 Jun 16. doi: 10.1007/s00234-025-03677-z. Epub ahead of print. PMID: 40522486.
6. Palavani LB, Semione G, **de Oliveira Almeida G**, Lepine HL, Borges P, Nogueira BV, Lúcia G, Ferreira MY, Pereira A, Batista da Hora DA, de Jesus Leone Pereira M, Torregrossa F, Nigris Vasconcellos F, Bertani R, Bastianon R, Benjamin C, Formentin C. Evaluating the safety and efficacy of proton radiotherapy for intracranial pediatric ependymomas: A single-arm meta-analysis. **J Clin Neurosci.** 2025 Feb;132:110977. DOI: 10.1016/j.jocn.2024.110977.
7. Günkân A, Ferreira MY, Vilardo M, Scarcia L, Bocanegra-Becerra JE, Cardoso LJC, Fabrini Paleare LF, **de Oliveira Almeida G**, Semione G, Ferreira C, Ciccio G, Mujanovic A, Jabbour P, Serulle Y, Nguyen TN, Baron JC. Thrombolysis for Ischemic

Stroke Beyond the 4.5-Hour Window: A Meta-Analysis of Randomized Clinical Trials. **Stroke**. 2025 Jan 30. DOI: 10.1161/STROKEAHA.124.048536.

8. Semione G, **de Oliveira Almeida G**, Lepine HL, Borges PGLB, Lima Larcipretti AL, Ferreira MY, Palavani LB, Belfort M, Brenner LO, Andreão FF, Baldissera GF, Bocanegra-Becerra JE, Santana MFP, Bertani R, Lawton MT, Figueiredo EG. Awake Craniotomy for Eloquent Brain Arteriovenous Malformations: A Systematic Review and Individual Patient Data Meta-Analysis. **World Neurosurg**. 2025 Jan 30;195:123609. DOI: 10.1016/j.wneu.2024.123609.
9. **de Oliveira Almeida G**, Balieiro C, Bertoli ED, Moreira MEL, Silva ALS, Minucci BS, Zapparoli I, Maluf MS, Carvalho HCP, Dos Santos Borges R, Pasqualotto E, Nienkötter T, Alves V, Guida CM. Cardiovascular benefits of statin plus ezetimibe combination therapy versus statin monotherapy in acute coronary syndrome: a meta-analysis of randomized controlled trials. **Coron Artery Dis**. 2025 Jan 1;36(1):9-17. DOI: 10.1097/MCA.0000000000001407.

2024

10. Ferreira MY, Barbosa GS, Neto JDDC, **de Oliveira Almeida G**, Junior SP, de Faria AM, de Sousa LD, Cardoso LJC, Junior SGC, Scarramal JPL, Fabrini Paleare LF, Sousa MP, Hong A, Santos AB, Oliveira FGF, Bertani R. Placebo-controlled efficacy of 5-HT₃ antagonists for postoperative nausea and vomiting prophylaxis in supratentorial craniotomies: A systematic review and comparative meta-analysis of randomized clinical trials. **Clin Neurol Neurosurg**. 2024 Nov;246:108569. DOI: 10.1016/j.clineuro.2024.108569.
11. de Sena Barbosa MG, Otávio da Silva V, Santos Ferreira LH, de Souza RLV, Pipek LZ, **de Oliveira Almeida G**, Figueiredo EG, Rabelo NN, Chaurasia B. Intracranial aneurysm coexisting with pituitary adenoma: a systematic review. **Ann Med Surg (Lond)**. 2024 Oct 25;86(12):7232-7237. DOI: 10.1097/MS9.0000000000002692.
12. Lepine HL, Semione G, Povia RG, **de Oliveira Almeida G**, Abraham D, Figueiredo EG. Decompressive Craniectomy with or Without Dural Closure: Systematic Review and Meta-analysis. **Neurocrit Care**. 2024 Aug 7. DOI: 10.1007/s12028-024-02081-4.
13. Ferreira MY, Antônia O M Pereira M, Hemais M, Bocanegra-Becerra JE, Cheidde L, **de Oliveira Almeida G**, Santos AB, Hong A, Rocha IM, Palavani LB, Polverini AD, Bertani R, Singha S, Ferreira C, Boockvar JA. Comparative efficacy and safety of sodium fluorescein-guided surgery versus standard white light for resection of brain metastases: a systematic review and meta-analysis. **J Neurooncol**. 2024 Jul 30. DOI: 10.1007/s11060-024-04768-2.
14. **de Oliveira Almeida G**, Nienkötter TF, Balieiro CCA, Pasqualotto E, Cintra JB, Carvalho HCP, Silva ALS, Kabariti JC, Minucci BS, Bertoli ED, Guida CM. Cardiovascular Benefits of GLP-1 Receptor Agonists in Patients Living with Obesity or Overweight: A Meta-analysis of Randomized Controlled Trials. **Am J Cardiovasc Drugs**. 2024 Jul;24(4):509-521. DOI: 10.1007/s40256-024-00647-3.
15. Pasqualotto E, Ternes CMP, Chavez MP, Polanczyk CA, Ferreira ROM, Nienkötter T, **Oliveira Almeida G**, Bertoli E, Clemente MRC, d'Avila A, Rohde LE. Catheter ablation for atrial fibrillation in heart failure with reduced ejection fraction patients: A meta-analysis. **Heart Rhythm**. 2024 May 3:S1547-5271(24)02532-3. DOI: 10.1016/j.hrthm.2024.04.098.
16. Dos Santos Borges R, **de Oliveira Almeida G**, Alves VFC, Nienkötter TF, Bertoli ED, Simões E Silva AC. Safety and efficacy of sotagliflozin in patients with type II

diabetes mellitus and chronic kidney disease: a meta-analysis of randomized controlled trials. **J Nephrol.** 2024 May;37(4):881-896. DOI: 10.1007/s40620-023-01818-2.

17. Moraes FCA, **de Oliveira Almeida G**, Alves VFC, Priantti JN, Gomes GDC, Carnevali SVB, Madeira T, Vilbert M, Stecca C, Figueroa Magalhães MC, Fernandes MR, Dos Santos NPC. Cyclin-Dependent Kinase 4/6 Inhibitors Plus Endocrine Therapy versus Endocrine Therapy Alone for HR-Positive, HER-2-Negative Early Breast Cancer: Meta-Analysis of Phase III Randomized Clinical Trials. **J Pers Med.** 2024 Apr 27;14(5):464. DOI: 10.3390/jpm14050464.
18. Pasqualotto E, Rodrigues FR, E Silva Ribeiro GB, **de Oliveira Almeida G**, Kabariti JC, Ferreira ROM, Chavez MP, Clemente MRC, Sur NB, Di Luca DG. The effect of sodium-glucose transporter 2 inhibitors on stroke in patients with type 2 diabetes: A meta-analysis. **J Stroke Cerebrovasc Dis.** 2024 Aug;33(8):107730. DOI: 10.1016/j.jstrokecerebrovasdis.2024.107730.

2023

19. Moraes FCA, Vilbert M, Alves VFC, **de Oliveira Almeida G**, Priantti JN, Madeira T, Stecca C, Fernandes MR, Dos Santos NPC. Mesenchymal-Epithelial Transition Kinase Inhibitor Therapy in Patients with Advanced Papillary Renal-Cell Carcinoma: A Systematic Review and Meta-Analysis. **Int J Mol Sci.** 2023 Dec 18;24(24):17582. DOI: 10.3390/ijms242417582.

ORAL & POSTER PRESENTATION (39)

CNS 2024 Oral Presentation:

1. **Prospective Randomized Phase 2 Trial of Hypofractionated Stereotactic Radiation Therapy of 25 Gy in 5 Fractions Compared With 35 Gy in 5 Fractions in the Reirradiation of Recurrent Glioblastoma**

Brazilian Society for Neurosurgery Congress 2024 Oral Presentations:

1. **The Role of Stereotactic Radiosurgery in WHO Grade II Meningiomas: A Systematic Review and Meta-Analysis**
2. **Comparative Efficacy and Safety of Sodium Fluorescein-Guided Surgery Versus Standard White Light for Resection of Brain Metastases: A Systematic Review and Meta-Analysis**

2024 Conference Posters (31): Congress of Neurological Surgeons (17); American College of Cardiology (6); Brazilian Association of Neurosurgery (4); Hydrocephalus Society (3); Society for Neuro-oncology Latin America (1).

2023 Conferences Posters (5): American Society of Clinical Oncology (1); European Society for Medical Oncology (1); Brazilian Society of Oncology (1); Brazilian Society of Cardiology (1); World Congress on Infectious Diseases (1);

LANGUAGES

English: Fluent

Spanish: Upper-Intermediate

Portuguese: Native Speaker