



Ana Filipa Geraldo da Silva Couceiro

Assistant Professor of Radiology (Pediatric Radiology)
Radiology - Pediatric Radiology

CLINICAL OFFICE (PRIMARY)

- **LPCH Radiology**

725 Welch Rd

MC 5654

Palo Alto, CA 94304

Tel (650) 497-8376

Fax (650) 498-9865

Bio

CLINICAL FOCUS

- Pediatric Radiology
- Pediatric Neuroradiology

ACADEMIC APPOINTMENTS

- Assistant Professor - University Medical Line, Radiology - Pediatric Radiology

HONORS AND AWARDS

- Cum Laude education poster award: "Early second trimester fetal MRI: pearls and pitfalls", 7th Annual American Society of Pediatric Neuroradiology meeting (Austin) (17-19 January 2025)
- Cum Laude education poster award: "Gray-matter heterotopia: being in a place you don't belong to", 6th Annual American Society of Pediatric Neuroradiology meeting (San Diego) (11-14 January 2024)
- Second prize for best manuscript PTCsRT program, Harvard Medical School (2021)
- Second prize for best research plan PTCsRT program, Harvard Medical School (2020)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member of the Pediatric Neuroradiology Committee, European Society of Neuroradiology (2022 - present)
- Member of the Green Committee, European Society of Neuroradiology (2024 - present)
- Member of the board of the Portuguese College of Neuroradiologists, Portuguese Medical Council (2021 - present)
- Examiner for the Final Board Examinations for the European Diploma in Pediatric Neuroradiology, European Society of Neuroradiology (2023 - 2023)
- NEURO-MIG network member (W2 group), European Cooperation in Science and Technology (COST) (2019 - 2021)

PROFESSIONAL EDUCATION

- PhD, Porto Medical School, Portugal , Clinical Neurosciences (2023)
- Board Certification: Pediatric Neuroradiology, European Board of Neuroradiology (2021)
- Postgraduate, Harvard Medical School , Clinical Scholars Research Training (2021)

- Fellowship: University of Toronto Faculty of Medicine (2016) Canada
- MSc, Lisbon Medical School, Portugal , Neurosciences (2015)
- Board Certification: Neuroradiology, European Board of Neuroradiology (2013)
- Residency: Hospital de Santa Maria University of Lisbon (2013) Portugal
- Medical Education: Universidade de Coimbra Faculty of Medicine (2007) Portugal

Publications

PUBLICATIONS

- **ESR Essentials: neuroimaging of pediatric headaches in the emergent and non-emergent setting-practice recommendations by the European Society of Neuroradiology** *EUROPEAN RADIOLOGY*
Geraldo, A., Arrigoni, F., Lobel, U., Righini, A., Severino, M., Argyropoulou, M. I., Hoffmann, C.
2026
- **Response assessment in pediatric neurooncology (RAPNO) criteria revisited: a practical navigation guide for neuroradiologists.** *Neuroradiology*
Geraldo, A. F., Maldonado, F., Severino, M., Mankad, K., Dahmouh, H., Soares, B., Rugilo, C., Rossi, A.
2024
- **Central nervous system embryonal tumor with PLAGL1 amplification: a case report of a novel entity focusing on imaging findings.** *Child's nervous system : ChNS : official journal of the International Society for Pediatric Neurosurgery*
Maldonado, F., Geraldo, A. F., Guarnizo, A., Fernández-Ponce, N., Baroni, L., Rugilo, C.
2024; 40 (8): 2603-2607
- **Go Green in Neuroradiology: towards reducing the environmental impact of its practice.** *Neuroradiology*
Rovira, À., Ben Salem, D., Geraldo, A. F., Cappelle, S., Del Poggio, A., Cocozza, S., Saatci, I., Zlatareva, D., Lojo, S., Quattrocchi, C. C., Morales, À., Yousry, T.
2024; 66 (4): 463-476
- **Recommendations for neuroradiological examinations in children living with achondroplasia: a European Society of Pediatric Radiology and European Society of Neuroradiology opinion paper.** *Pediatric radiology*
Wright, J., Cheung, M., Siddiqui, A., Lucas, J., Calder, A., Argyropoulou, M. I., Arthurs, O. J., Caro-Dominguez, P., Thompson, D., Severino, M., D'Arco, F.
2023; 53 (12): 2323-2344
- **Neuroimaging of pediatric tumors of the sellar region-A review in light of the 2021 WHO classification of tumors of the central nervous system.** *Frontiers in pediatrics*
Maia, R., Miranda, A., Geraldo, A. F., Sampaio, L., Ramaglia, A., Tortora, D., Severino, M., Rossi, A.
2023; 11: 1162654
- **Feingold syndrome type 1: a rare cause of fetal microcephaly (prenatal diagnosis).** *BMJ case reports*
Gouveia, I., Geraldo, A. F., Godinho, C., Castedo, S.
2023; 16 (3)
- **Torcular pseudomass is frequently detected on fetal magnetic resonance imaging and reduces with gestational age.** *Pediatric radiology*
Miranda, A. M., Bem, P., Araújo, A., Brito, C., Nunes, J., Geraldo, A. F.
2023; 53 (3): 470-478
- **Natural history of familial cerebral cavernous malformation syndrome in children: a multicenter cohort study.** *Neuroradiology*
Geraldo, A. F., Alves, C. A., Luis, A., Tortora, D., Guimarães, J., Abreu, D., Reimão, S., Pavanello, M., de Marco, P., Scala, M., Capra, V., Vaz, R., Rossi, et al
2023; 65 (2): 401-414
- **Spinal involvement in pediatric familial cavernous malformation syndrome.** *Neuroradiology*
Geraldo, A. F., Luis, A., Alves, C. A., Tortora, D., Guimarães, J., Reimão, S., Pavanello, M., de Marco, P., Scala, M., Capra, V., Rossi, A., Schwartz, E. S., Mankad, et al
2022; 64 (8): 1671-1679

- **Malformations of Cortical Development** *Pediatric Neuroradiology*
Geraldo, A., Rossi, A., Severino, M.
Springer.2022
- **IgG4-related disease with renal and orbital involvement: a clinical case.** *Acta reumatologica portuguesa*
Oliveira, P. M., Geraldo, A. F., Pereira, T., Barbedo, M.
2021; 46 (3): 272-276
- **Widening the Neuroimaging Features of Adenosine Deaminase 2 Deficiency.** *AJNR. American journal of neuroradiology*
Geraldo, A. F., Caorsi, R., Tortora, D., Gandolfo, C., Ammendola, R., Alessio, M., Conti, G., Insalaco, A., Pastore, S., Martino, S., Ceccherini, I., Signa, S., Gattorno, et al
2021; 42 (5): 975-979
- **Diagnostic Approach to Macrocephaly in Children.** *Frontiers in pediatrics*
Accogli, A., Geraldo, A. F., Piccolo, G., Riva, A., Scala, M., Balagura, G., Salpietro, V., Madia, F., Maghnie, M., Zara, F., Striano, P., Tortora, D., Severino, et al
2021; 9: 794069
- **Neonatal Developmental Venous Anomalies: Clinicoradiologic Characterization and Follow-Up.** *AJNR. American journal of neuroradiology*
Geraldo, A. F., Messina, S. S., Tortora, D., Parodi, A., Malova, M., Morana, G., Gandolfo, C., D'Amico, A., Herkert, E., Govaert, P., Ramenghi, L. A., Rossi, A., Severino, et al
2020; 41 (12): 2370-2376
- **Definitions and classification of malformations of cortical development: practical guidelines (vol 143, awaa174, 2020)** *BRAIN*
Severino, M., Geraldo, A., Utz, N., Tortora, D., Pogledic, I., Klonowski, W., Triulzi, F., Arrigoni, F., Mankad, K., Leventer, R. J., Mancini, G. M. S., Barkovich, J. A., Lequin, et al
2020; 143
- **Perinatal Arterial Ischemic Stroke in Fetal Vascular Malperfusion: A Case Series and Literature Review.** *AJNR. American journal of neuroradiology*
Geraldo, A. F., Parodi, A., Bertamino, M., Buffelli, F., Uccella, S., Tortora, D., Moretti, P., Ramenghi, L., Fulcheri, E., Rossi, A., Severino, M.
2020; 41 (12): 2377-2383
- **Partially reversible confluent white matter lesions in a Caucasian child with moyamoya disease.** *Child's nervous system : ChNS : official journal of the International Society for Pediatric Neurosurgery*
Geraldo, A. F., Leitão, C., Nunes, J., Vila-Real, M.
2020; 36 (11): 2605-2608
- **Definitions and classification of malformations of cortical development: practical guidelines.** *Brain : a journal of neurology*
Severino, M., Geraldo, A. F., Utz, N., Tortora, D., Pogledic, I., Klonowski, W., Triulzi, F., Arrigoni, F., Mankad, K., Leventer, R. J., Mancini, G. M., Barkovich, J. A., Lequin, et al
2020; 143 (10): 2874-2894
- **Neuroimaging assessment in Down syndrome: a pictorial review.** *Insights into imaging*
Rodrigues, M., Nunes, J., Figueiredo, S., Martins de Campos, A., Geraldo, A. F.
2019; 10 (1): 52
- **Reply: "Developmental venous anomaly depicted incidentally in fetal MRI and confirmed in post-natal MRI".** *Neuroradiology*
Geraldo, A. F., Melo, M., Monteiro, D., Valente, F., Nunes, J.
2019; 61 (1): 11-12
- **Developmental venous anomaly depicted incidentally in fetal MRI and confirmed in post-natal MRI.** *Neuroradiology*
Geraldo, A. F., Melo, M., Monteiro, D., Valente, F., Nunes, J.
2018; 60 (10): 993-994
- **Posterior fossa lipoma without T1 hyperintensity in foetal magnetic resonance imaging performed in the third trimester.** *Pediatric radiology*
Geraldo, A. F., Valente, F., Almeida, N., Nunes, J.
2018; 48 (8): 1178-1179
- **Beyond fractional anisotropy in amyotrophic lateral sclerosis: the value of mean, axial, and radial diffusivity and its correlation with electrophysiological conductivity changes.** *Neuroradiology*

- Geraldo, A. F., Pereira, J., Nunes, P., Reimão, S., Sousa, R., Castelo-Branco, M., Pinto, S., Campos, J. G., de Carvalho, M.
2018; 60 (5): 505-515
- **Differentiation of Enhancing Glioma and Primary Central Nervous System Lymphoma by Texture-Based Machine Learning.** *AJNR. American journal of neuroradiology*
Alcaide-Leon, P., Dufort, P., Geraldo, A. F., Alshafai, L., Maralani, P. J., Spears, J., Bharatha, A.
2017; 38 (6): 1145-1150
 - **Impact of leukoaraiosis on parenchymal hemorrhage in elderly patients treated with thrombolysis.** *Neuroradiology*
Nighoghossian, N., Abbas, F., Cho, T. H., Geraldo, A. F., Cottaz, V., Janecek, E., Mechtouff, L., Bischoff, M., El Khoury, C., Schott, A. M., Derex, L., Hermier, M., Tisserand, et al
2016; 58 (10): 961-967
 - **Pseudotumoral presentation of cerebral amyloid angiopathy-related inflammation.** *Neurology*
Ronsin, S., Deiana, G., Geraldo, A. F., Durand-Dubief, F., Thomas-Maisonneuve, L., Formaglio, M., Desestret, V., Meyronet, D., Nighoghossian, N., Berthezène, Y., Honnorat, J., Ducray, F.
2016; 86 (10): 912-9
 - **Does b1000-b0 Mismatch Challenge Diffusion-Weighted Imaging-Fluid Attenuated Inversion Recovery Mismatch in Stroke?** *Stroke*
Geraldo, A. F., Berner, L. P., Haesebaert, J., Chabrol, A., Cho, T. H., Derex, L., Hermier, M., Louis-Tisserand, G., Chamard, L., Klaerke Mikkelsen, I., Ribe, L., Østergaard, L., Hjort, et al
2016; 47 (3): 877-81
 - **Delayed leukoencephalopathy after acute carbon monoxide intoxication.** *Journal of radiology case reports*
Geraldo, A. F., Silva, C., Neutel, D., Neto, L. L., Albuquerque, L.
2014; 8 (5): 1-8
 - **Preterm cerebellum at term age: ultrasound measurements are not different from infants born at term.** *Pediatric research*
Graça, A. M., Geraldo, A. F., Cardoso, K., Cowan, F. M.
2013; 74 (6): 698-704
 - **Recovery after copper-deficiency myeloneuropathy in Wilson's disease.** *Journal of neurology*
Teodoro, T., Neutel, D., Lobo, P., Geraldo, A. F., Conceição, I., Rosa, M. M., Albuquerque, L., Ferreira, J. J.
2013; 260 (7): 1917-8
 - **Leukocoria in a child with sturge-weber syndrome.** *The neuroradiology journal*
Geraldo, A. F., Bastos-Carvalho, A., Neto, L. L., Sousa, R. F., Sequeira, P. T., Campos, J.
2012; 25 (1): 85-8
 - **Neurosphilis versus Herpes Encephalitis in a Patient with Confusion, Memory Loss, and T2-Weighted Mesiotemporal Hyperintensity** *CASE REPORTS IN INFECTIOUS DISEASES*
Vedes, E., Geraldo, A., Rodrigues, R., Reimao, S., Ribeiro, A., Antunes, F.
2012; 2012