

CURRICULUM VITAE ET STUDIORUM

Simona Gaudino, M.D., EBNR, EBNR
Neuroradiologist
Assistant Professor of Radiology
MEDS-22/A Diagnostica per immagini e radioterapia
Director, UOSD Diagnostic Neuroradiology



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ACTUAL POSITION

Associate Professor of Radiology
Catholic University of Sacred Heart, Faculty of Medicine and Surgery, Rome
Director of UOSD Diagnostic Neuroradiology. Advanced Radiology Centre (ARC). Fondazione Policlinico Universitario A. Gemelli IRCC
Deputy Director of the Radiology Training Program. Catholic University of Sacred Heart, Faculty of Medicine and Surgery, Rome

PROFESSIONAL COMPETENCIES

Adult

Brain diagnostic Morphological and Functional Imaging
Spine Diagnostic Morphological and Functional Imaging
Head & Neck Diagnostic Morphological and Functional Imaging
Peripheral Nervous System Morphological Imaging
Vascular NeuroImaging
Vascular Head & Neck Imaging

Pediatric

Brain diagnostic Morphological and Functional Imaging
Spine Diagnostic Morphological and Functional Imaging
Head & Neck Diagnostic Morphological and Functional Imaging
Peripheral Nervous System Morphological Imaging
Vascular NeuroImaging
Vascular Head & Neck Imaging

EDUCATION

- 1997 Internship in Anatomy, Università Cattolica del Sacro Cuore
- 1999 Graduated in Medicine and Surgery at Università Cattolica del Sacro Cuore, Rome.
Medical Degree: Graduated cum Laude.
- 1999 Internship in Radiology, Università Cattolica del Sacro Cuore

MEDICAL LICENSURE AND CERTIFICATION

- 2000 Italian Medical Licensure
- 2000 Registration at Latina District Board of Physicians

POST GRADUATE EDUCATION AND TRAINING

- 2000 Postgraduate Internship in Radiology, Università Cattolica del Sacro Cuore, Policlinico “A.Gemelli”
- 2004 Board certification in Radiology with thesis on “MRI-DWI assessment of ischemic brain lesions and ADC values in normal appearing white matter and basal ganglia of asymptomatic patients after cardiac surgery with extracorporeal circulation”; grade 50/50 cum Laude
- 2004 Visiting fellow at S. Raffaele Hospital Neuroradiology Dep. (Milan), morphological and functional MRI (neuro)
- 2005 Research fellow for training in breast cancer with Computed Tomography Laser Mammography (CTLM), MRI, mammography and US
- 2006-08 Research fellow for training in functional MRI, and perfusion imaging applied to cerebrovascular disease and neuro-oncology, at Institute of Advanced Technology and Bioimaging (Chieti, Italy)
- 2008 Visiting research Fellow for training in f-MRI at 3T, and spine imaging applied to trauma disease at Universitair Ziekenhuis Antwerpen”, Edegem (Belgium) Neuroradiology Dept.- Director Dr. P.M. Parizel
- 2009 European Board Certification in Neuroradiology (EBNR)
- 2010 Erasmus Course MRI Head and Neck (ESHNR)
- 2018 European Board Certification in Pediatric Neuroradiology (EBPNR)
- 2019 European level III course on Glioma Imaging
- 2021 European Course of Spine Radiology (ECSR) (1-2)
- 2021 II level Master. Economia e Management Della Sanita' (PTV)
- 2022 European Course in Head & Neck Neuroradiology (EDiHNNR) 1-2

PRACTICE in RADIOLOGY

- 2005- 2006 Staff Radiologist in general radiology dept. at Casa di Cura “Villa Mafalda” (Rome)
- 2005 -2008 Staff Radiologist at Neuroradiology unit at Institute of Advanced Technology and Bioimaging (Chieti)
- 2006- 2007 Staff Radiologist for breast first level screening (Mammography), at University Hospital “Campus Biomedico” (Rome)
- 2006 -2008 Staff Radiologist in neuroradiology at Rome American Hospital (Rome- Italy)
- 2009 Staff Radiologist in general radiology dept. at Istituto Dermatologico dell’Immacolata (Rome-Italy)
- 2009-2018 Staff neuroradiologist with High Specialization assignment. Fondazione Policlinico Universitario A. Gemelli IRCCS.
- 2018-2022 Director UOS Functional Neuroradiology and Neuro-oncology. Fondazione Policlinico Universitario A. Gemelli IRCC
- 2022- Director UOSD Diagnostic Neuroradiology, Advanced Radiodiagnostic Centre. Fondazione Policlinico Universitario A. Gemelli IRCC

MEMBERSHIP

- Italian Association of Neuroradiology (AINR)
- Italian Society of Radiology (SIRM)
- European Society of Neuroradiology (ESNR)
- European Society of Radiology (ESR)
- European Society of Oncologic Imaging ESOT
- American Society of Neuroradiology (ASNR)
- American Society of Functional Neuroradiology (ASFNR)
- FPG Solidarity Commission

HONORS AND AWARDS

- July 2002 “Young Researchers” grant to pursue graduate research on “Brain evaluation with conventional MR and DWI in patients who underwent mayor cardiac surgery with cardio-pulmonary bypass”. Università Cattolica del Sacro Cuore, Rome Italy
- 2004- 2005 “Regina Elena” award for young researcher involved in research on Breast Cancer with a computed tomography laser mammography system (CTLM). Università Cattolica del Sacro Cuore, Rome, Italy
- 2006 – 2008 Award for research activity in “Combined non-morphological MR technology in CNS pathology” at ITAB (Institute of Advanced Technology and Bioimaging), Università di Chieti, Italy
- 2012 Certificate of Merit (SIRM). “Malattia di Creutzfeldt jacob: descrizione dei reperti rm tipici e meno tipici, e presentazione di un caso emblematico di una rara variante genetica della forma sporadica"
- 2012 Certificate of Merit award and Selected for possible publication in RadioGraphics (RSNA). LL-MKE4494, A Systematic Approach to Deal with Vertebral Hemangiomas.
- 2013 Certificate of Merit award. LL-NRE4510 (RSNA) "Differentiation among Glioblastoma Multiforme, Primary Cerebral Lymphoma and Solitary Brain Metastasis Using DWI, PWI and MRS: Faith, Doubts and Certainties"
- 2013 Certificate of Merit award and Selected for possible publication in RadioGraphics (RSNA). LL-NRE4513 Double Face Pilocytic Astrocytoma: Prototype of Benign Astrocytoma and Great Mimicker. With Whom Are We Dealing?
- 2016 Unique invited speaker of the course “GE MR PERFUSION JOURNEY” (Milan May 26th; Rome June 16th)
- 2016 Invited speaker for the Interactive Teaching Session in neuroradiology at “47° Congresso Nazionale della Società Italiana di Radiologia Medica”, in Naples.
- 2017 Certificate of Merit award (RSNA). NR136-ED-X17003567 Craniocerebral Neuroblastoma: What a Radiologist Needs to Know and to Report

CLINICAL ACTIVITIES

- Daily session of CT (Adult and Pediatric): conventional, perfusion, Angiography (head and neck)
- Daily session of brain and spine MRI (Adult and Pediatric): Conventional and Advanced
- Weekly session of fMRI, MRI of head and neck and peripheral nervous system
- Consultant for: Neuro-meeting, Multidisciplinary Tumor Board of CNS (brain adult , brain pediatric brain and spine), spine meeting, pituitary board, epilepsy board, SNC rare diseases board

EDUCATIONAL ACTIVITIES

- 2009- Faculty mentor of resident in neuroradiology
- 2014- Lecturer in radiology residency program (neuroradiology)
- 2015- Faculty mentor of visiting residents (neuroradiology)
- 2016-21 Adjunct Professor in neuroradiology. Faculty of Medicine and Surgery. Catholic University of Rome
- 2017-21 Adjunct Professor in Neuroradiology. Faculty of Medicine and Surgery, (Language of instruction: English). Catholic University of Rome
- 2021- Professor in neuroradiology. Faculty of Medicine and Surgery. Catholic University of Rome
- 2021- Professor in Neuroradiology. Faculty of Medicine and Surgery, (Language of instruction: English). Catholic University of Rome
- 2021- Professor in neuroradiology in multiple residency courses. Faculty of Medicine and Surgery. Catholic University of Rome
- 2022- Deputy-Director Radiology Residency Program, Catholic University of Rome.
- 2023- Professor in Radiology. Laurea in Infermieristica (2N0J), ASL Rieti.
- 2023- Project Leader for Bracco Fellowships Education in Research for Neuroradiology, ESOR (European School of Radiology), at FPG.
- 2023- Member of EANO School of Neuro-Oncology Module 5 - Rare primary CNS tumors in children and adults,
- 2023- Member of the College of Teacher for the PhD program in Neuroscience, Catholic University, Rome
- 2019- Faculty member of Second Level University Masters at the FPG:
- Advanced Management of Critical Patients in the Emergency Department
 - Interventional Neuroradiology (AINR)
 - Diagnosis and Therapy of Hypothalamic-Hypophyseal Pathologies
 - Intensive Management of Acute Neurological Patients
 - Surgery of the Peripheral Nervous System
 - Endoscopic Transnasal Skull Base Surgery, Hands-On & Live Surgery Course for ENT- and Neuro-Surgeons

RESEARCH ACTIVITIES and GRANTS

P.I. GDX-44-016. Performance di Elucirem (gadopiclenolo) nell'imaging a perfusione nella risonanza magnetica DSC (Dynamic Susceptibility Contrast) dei gliomi cerebrali. Studio multicentrico profit.

FISA-2022-00933. Discovery. Research Collaborator. 4D Printed Stimuli-responsive scaffolds personalized devices Endoscopic surgery. Multicenter: Università degli Studi di Roma "Tor Vergata. UCSC Rome

HORIZON.NET-MS: A controlled randomized phase III study of autologous haematopoietic stem cell transplantation versus the best available therapy in aggressive multiple sclerosis: the NET-MS study.

Ricerca Finalizzata. GR-2019-12370504 Study of genotype and phenotype characterization and biomarkers profile in Duchenne Muscular Dystrophy with small mutations

FISA-2022-00919. PRED-AGGR. Principal Research Collaborator. Software prediction of aggressive/suicidal behaviors based on clinical, neuroimaging and motion/facial expression data through Artificial Intelligence. UCSC, Rome.

TBINP: Studio osservazionale retrospettivo su matrici numeriche ottenute da indagini TAC e RMN in una popolazione pediatrica. Sviluppo di un modello matematico per la descrizione della propagazione del danno neurologico dovuto a trauma cranico severo.

PNRR-TR1-2023-12377961. Call section: Tumori Rari. Principal Research Collaborator. Clinical-pathological assessment of Pit-NETs: data from a large multicenter patients cohort.

2021 Research Collaborator. Grant ACC.: “Applicazione della radiomica allo studio delle alterazioni post-attiniche nei pazienti con tumori cerebrali”

2015-2020

- Co-P.I.: Confronto qualitativo e quantitativo della qualità dell'immagine tra studi RM dell'encefalo neonatale acquisiti in sonno spontaneo (feed and wrap) e in anestesia. Studio monocentrico
- Research Collaborator. The RIN-Neuroimaging Network: national consortium dedicated to identifying disease and subject-specific in-vivo neuroimaging biomarkers of diverse neurological and neuropsychiatric conditions.
- Co-P.I. Lateral Position MRI: Valutazione della posizione laterale per neonati prematuri sottoposti a Risonanza Magnetica Cerebrale in sedazione profonda: uno studio pilota osservazionale . No-Profit. Prot. ID 5259
- Progetto di ricerca finanziato da Brainlab: “Pre-operative motor and language fiber tracts localization and intraoperative re-registration as navigation update feature of ultrasound navigation and elements virtual iMRI cranial”
- Co-P.I. High Grade Gliomas Radiomics To Stratify Prognosis: A Multicentric Study. No-Profit Multicentrico
- P.I. FKBP51s: un nuovo biomarker molecolare per il glioblastoma? Valutazione dei livelli ematici e correlazione con il fenotipo RM. No Profit. Monocentrico. Prot ID 3751
- P.I. Ruolo della Susceptibility-weighted imaging in neuro-oncologia pediatrica. No Profit. Monocentrico. Prot ID 2189

Member of the national consortium “RIN–Neuroimaging”. Optimization and harmonization of magnetic resonance (MRI) protocols in neuroimaging multi-site studies (Phase 1 and 2)

PUBLICATIONS

Peer-Reviewed Journal Articles

1. F Romanelli, S Fillo, A Isidori, **S Gaudino**, D Conte. Galanin stimulates steroidogenesis in rat Leydig cell. *Life Sciences*, 1988;63 (4):255-263.
2. Gaudino M, Giordano A, Santarelli P, Alessandrini F, Nori SL, Trani C, **Gaudino S**, Possati G. Immunohistochemical-scintigraphic correlation of sympathetic cardiac innervation in postischemic left ventricular aneurysms. *J Nucl Cardiol*. 2002 Nov-Dec;9(6):601-7.
3. A Cianfoni, T Tartaglione, **S Gaudino**, F Pilato, E Saturno, PA Tonali, L Di Lazzaro. Hippocampal magnetic resonance imaging abnormalities in transient global amnesia. *Arch Neurol*. 2005 Sep;62(9):1468-9
4. C Colosimo, A Cianfoni, GM Di Lella, **Gaudino S**. Contrast-enhanced MR imaging of the spine: when, why and how? How to optimize contrast protocols in MR imaging of the spine. *Neuroradiology*. 2006 Apr;48 Suppl 1:18-33.
5. Molinari F, **Gaudino S**, Fink C, Corbo GM, Valente S, Pirroni T, Bonomo L. Simultaneous cardiac and respiratory synchronization in oxygen-enhanced magnetic resonance imaging of the lung using a pneumotachograph for respiratory monitoring. *Invest Radiol*. 2006 May;41(5):476-85

6. Parizel P.M., van der Zijden T, **Gaudino S**, Spaepen M, Voormolen MH, Venstermans C, De Belder F, van den Hauwe L, Van Goethem J. Trauma of the spine and spinal cord: imaging strategies. *Journal European Spine Journal*, 2010 March; (19): 8-17
7. Pilato F., **Gaudino S**, Profice P, Della Marca G., Colosimo C, Di Lazzaro V. An unusual case of chronic dural thrombosis. *Arch Neurol*. 2010 Sep;67 (9):1148-9.
8. Colosimo C, **Gaudino S**, Alexandre AM. Imaging in degenerative spine pathology. *Acta Neurochir Suppl*. 2011;108:9-15.
9. Massimi L, Pravatà E, Tamburrini G, **Gaudino S**, Pettorini B, Novegno F, Colosimo C Jr, Di Rocco C. Endoscopic third ventriculostomy for the management of Chiari I and related hydrocephalus: outcome and pathogenetic implications. *Neurosurgery*. 2011 Apr;68(4):950-6.
10. Esposito G, Della Pepa GM, Sturiale CL, **Gaudino S**, Anile C, Pompucci A. Hypertrophic arachnoid granulation of the occipital bone: neuroradiological differential diagnosis. *Clin Neuroradiol*. 2011 Nov;21(4):239-43.
11. Profice P, Pilato F, Della GM, Colosimo C, **Gaudino S**, Arena V, Pavone A, Lazzaro VD. Recurrent subarachnoid bleeding and superficial siderosis in a patient with histopathologically proven cerebral amyloid angiopathy. *Case Rep Neurol*. 2011 May;3(2):124-8.
12. **Gaudino S**, Quaglio FR, Schiarelli C, Martucci M, Tartaglione T, Gualano MR, Di Lella GM, Colosimo C. Spontaneous modifications of contrast enhancement in childhood non-cerebellar pilocytic astrocytomas. *Neuroradiology*. 2012 Sep;54(9):989-95.
13. **Gaudino S**, Di Lella GM, Piludu F, Martucci M, Schiarelli C, Africa E, Salvolini L, Colosimo C. CT and MRI diagnosis of silent sinus syndrome. *Radiol Med*. 2013 Mar;118(2):265-75.
14. **Gaudino S**, Di Lella GM, Russo R, Lo Russo VS, Piludu F, Quaglio FR, Gualano MR, De Waure C, Colosimo C. Magnetic resonance imaging of solitary brain metastases: main findings of nonmorphological sequences. *Radiol Med*. 2012 Oct;117(7):1225-41.
15. Masullo C, Piccininni C, Quaranta D, Vita MG, **Gaudino S**, Gainotti G. Selective impairment of living things and musical instruments on a verbal 'Semantic Knowledge Questionnaire' in a case of apperceptive visual agnosia. *Brain Cogn*. 2012 Oct;80(1):155-9.
16. Pilato F, **Gaudino S**, Profice P, Colosimo C, Di Lazzaro V. A case of untreatable sciatica. *Acta Neurol Belg*. 2013 Sep;113(3):351-3.
17. Pilato F, Calandrelli R, **Gaudino S**, Profice P, Martucci M, Esposito G, Colosimo C, Di Lazzaro V. Thrombosis of a developmental venous anomaly in inflammatory bowel disease: case report and radiologic follow-up. *J Stroke Cerebrovasc Dis*. 2013 Oct;22(7):e250-3.
18. De Bonis P, Sturiale CL, Anile C, **Gaudino S**, Mangiola A, Martucci M, Colosimo C, Rigante L, Pompucci A. Decompressive craniectomy, interhemispheric hygroma and hydrocephalus: a timeline of events? *Clin Neurol Neurosurg*. 2013 Aug;115(8):1308-12.
19. Cianfoni A, Caulo M, Cerase A, Della Marca G, Falcone C, Di Lella GM, **Gaudino S**, Edwards J, Colosimo C. Seizure-induced brain lesions: a wide spectrum of variably reversible MRI abnormalities. *Eur J Radiol*. 2013 Nov;82(11):1964-72.
20. Montano N, Papacci F, Cioni B, **Gaudino S**, Della Pepa GM, Conforti G, Di Bonaventura R, Novello M, Lauriola L, Meglio M. Primary multicentric anaplastic pleomorphic xanthoastrocytoma with atypical features. *J Clin Neurosci*. 2013 Nov;20(11):1605-8.
21. Vita MG, **Gaudino S**, Di Giuda D, Sauchelli D, Alboini PE, Gangemi E, Bizzarro A, Scaricamazza E, Capellari S, Parchi P, Masullo C. R208H-129VV haplotype in the prion protein gene: phenotype and neuroimaging of a patient with genetic Creutzfeldt-Jakob disease. *J Neurol*. 2013 Oct;260(10):2650-2Epub 2013 Aug 25.
22. Chiesa S, Balducci M, Azario L, **Gaudino S**, Cellini F, Mattiucci GC, Colosimo C, Valentini V. Development of a modelling to correlate site and diameter of brain metastases with hippocampal sparing using volumetric modulated Arc therapy. *Biomed Res Int*. 2013;2013:568597.

23. Lozupone E, Martucci M, Rigante L, **Gaudino S**, Di Lella GM, Colosimo C. Magnetic resonance image findings of primary intradural Ewing sarcoma of the cauda equina: case report and review of the literature. *Spine J*. 2014 Apr;14(4):e7-e11.
24. Tartaglione T, Pagliara MM, Sciandra M, Caputo CG, Calandrelli R, Fabrizi G, **Gaudino S**, Blasi MA, Colosimo C. Uveal melanoma: evaluation of extrascleral extension using thin-section MR of the eye with surface coils. *Radiol Med*. 2014 Jan 28.
25. Calandrelli R, D'Apolito G, **Gaudino S**, Sciandra MC, Caldarelli M, Colosimo C. Identification of skull base sutures and craniofacial anomalies in children with craniosynostosis: utility of multidetector CT. *Radiol Med*. 2014 Feb 8.
26. Calandrelli R, D'Apolito G, **Gaudino S**, Stefanetti M, Massimi L, Di Rocco C, Colosimo C. Radiological assessment of skull base changes in children with syndromic craniosynostosis: role of "minor" sutures. *Neuroradiology*. 2014 Oct;56(10):865-75.
27. Del Grande A, Sabatelli M, Luigetti M, Conte A, Granata G, Rufini V, Del Ciello A, **Gaudino S**, Fernandez E, Hohaus S, Coli A, Lauriola L. Primary multifocal lymphoma of peripheral nervous system: case report and review of the literature. *Muscle Nerve*. 2014 Dec;50(6):1016-22.
28. Damato V, Cuccagna C, Costantini EM, **Gaudino S**, Colosimo C, Parchi P, Servidei S, Luigetti M. Creutzfeldt-Jakob disease manifesting as stroke mimic in a 78-year-old patient: pitfalls and tips in the diagnosis. *J Neurol Sci*. 2014 Nov 15;346(1-2):343-4.
29. **Gaudino S**, Martucci M, Colantonio R, Lozupone E, Visconti E, Leone A, Colosimo C. A systematic approach to vertebral hemangioma. *Skeletal Radiol*. 2015 Jan;44(1):25-36.
30. Tartaglione T, Izzo G, Alexandre A, Botto A, Di Lella GM, **Gaudino S**, Caldarelli M, Colosimo C. MRI findings of olivary degeneration after surgery for posterior fossa tumours in children: incidence, time course and correlation with tumour grading. *Radiol Med*. 2015 May;120(5):474-82.
31. Esposito G, Della Pepa GM, Sabatino G, **Gaudino S**, Puca A, Maira G, Marchese E, Albanese A. Bilateral flow changes after extracranial-intracranial bypass surgery in a complex setting of multiple brain-feeding arteries occlusion: The role of perfusion studies. *Br J Neurosurg*. 2015;29(5):723-5.
32. **Gaudino S**, Colantonio R, Schiarelli C, Martucci M, Calandrelli R, Botto A, Pileggi M, Gangemi E, Maira G, Colosimo C. Postoperative MR Imaging of Spontaneous Transdural Spinal Cord Herniation: Expected Findings and Complications. *AJNR Am J Neuroradiol*. 2016 Mar;37(3):558-64.
33. Tartaglione T, Botto A, Sciandra M, **Gaudino S**, Danieli L, Parrilla C, Paludetti G, Colosimo C. Differential diagnosis of parotid gland tumours: which magnetic resonance findings should be taken in account? *Acta Otorhinolaryngol Ital*. 2015 Oct;35(5):314-20.
34. Calandrelli R, D'Apolito G, Massimi L, **Gaudino S**, Visconti E, Pelo S, Di Rocco C, Colosimo C. Quantitative analysis of craniofacial dysmorphism in infants with anterior synostotic plagiocephaly. *Childs Nerv Syst*. 2016 Dec;32(12):2339-2349. Epub 2016 Aug 19.
35. **Gaudino S**, Russo R, Verdolotti T, Caulo M, Colosimo C. Advanced MR imaging in hemispheric low-grade gliomas before surgery; the indications and limits in the pediatric age. *Childs Nerv Syst*. 2016 Oct;32(10):1813-22. doi: 10.1007/s00381-016-3142-y. Epub 2016 Sep 20.
36. **Gaudino S**, Martucci M, Russo R, Visconti E, Gangemi E, D'Argento F, Verdolotti T, Lauriola L, Colosimo C. MR imaging of brain pilocytic astrocytoma: beyond the stereotype of benign astrocytoma. *Childs Nerv Syst*. 2017 Jan;33(1):35-54. doi: 10.1007/s00381-016-3262-4. Epub 2016 Oct 18. Review.
37. **Gaudino S**, Gangemi E, Colantonio R, Botto A, Ruberto E, Calandrelli R, Martucci M, Vita MG, Masullo C, Cerase A, Colosimo C. Neuroradiology of human prion diseases, diagnosis and differential diagnosis. *Radiol Med*. 2017 May;122(5):369-385. doi: 10.1007/s11547-017-0725-y. Epub 2017 Jan 21. Review.

38. Iorio R, Damato V, Evoli A, Gessi M, **Gaudino S**, Di Lazzaro V, Spagni G, Sluijs JA, Hol EM. Clinical and immunological characteristics of the spectrum of GFAP autoimmunity: a case series of 22 patients. *J Neurol Neurosurg Psychiatry*. 2018 Feb;89(2):138-146. doi: 10.1136/jnnp-2017-316583. Epub 2017 Sep 26.
39. Calandrelli R, Pilato F, Massimi L, Panfili M, D'Apolito G, **Gaudino S**, Colosimo C. Quantitative evaluation of facial hypoplasia and airway obstruction in infants with syndromic craniosynostosis: relationship with skull base and splanchnocranium sutural pattern. *Neuroradiology*. 2018 May;60(5):517-528. doi: 10.1007/s00234-018-2005-5. Epub 2018 Mar 8.
40. Tartaglione T, Chiloiro S, Laino ME, Giampietro A, Gaudino S, Zoli A, Bianchi A, Pontecorvi A, Colosimo C, De Marinis L. Neuro-radiological features can predict hypopituitarism in primary autoimmune hypophysitis. *Pituitary*. 2018 May 11. doi: 10.1007/s11102-018-0892-4.
41. Covino M, Gilardi E, Manno A, Simeoni B, Ojetti V, Cordischi C, Forte E, Carbone L, Gaudino S, Franceschi F. A new clinical score for cranial computed tomography in emergency department non-trauma patients: Definition and first validation. *Am J Emerg Med*. 2018 Sep 19. pii: S0735-6757(18)30767-8. doi: 10.1016/j.ajem.2018.09.032.
42. Nicoletti T, Modoni A, Gaudino S, Frisullo G. Ventral Longitudinal Intraspinous Fluid Collection Presenting as Upper Limb Amyotrophy. *Eur Neurol*. 2018;80(3-4):126-127. doi: 10.1159/000494673
43. Gaudino S, Martucci M, Botto A, Ruberto E, Leone E, Infante A, Ramaglia A, Caldarelli M, Frassanito P, Triulzi FM, Colosimo C. Brain DSC MR Perfusion in Children: A Clinical Feasibility Study Using Different Technical Standards of Contrast Administration. *AJNR Am J Neuroradiol*. 2019 Jan 17. doi: 10.3174/ajnr.A5954.
44. Montano N, Gaudino S, Giordano C, Pignotti F, Ioannoni E, Rapisarda A, Olivi A. The possible prognostic role of magnetic resonance imaging findings in patients with trigeminal neuralgia and multiple sclerosis submitted to percutaneous balloon compression. Report of our series and literature review. *World Neurosurg*. 2019 Feb 1. pii: S1878-8750(19)30234-7. doi: 10.1016/j.wneu.2019.01.134
45. Nicoletti T, Gaudino S, Colacicco G, Ausili Cefaro L, Tasca G, Guglielmi V, Modoni A, Gessi M, Silvestri G, Frisullo G. A man with sarcoidosis and slurred speech. *Eur J Neurol*. 2019 Aug 25. doi: 10.1111/ene.14067.
46. Gaudino S, Martucci M, Botto A, Ruberto E, Leone E, Infante A, Ramaglia A, Caldarelli M, Frassanito P, Triulzi FM, Colosimo C. Brain DSC MR Perfusion in Children: A Clinical Feasibility Study Using Different Technical Standards of Contrast Administration. *AJNR Am J Neuroradiol*. 2019 Jan 17. doi: 10.3174/ajnr.A5954.
47. Montano N, Gaudino S, Giordano C, Pignotti F, Ioannoni E, Rapisarda A, Olivi A. The possible prognostic role of magnetic resonance imaging findings in patients with trigeminal neuralgia and multiple sclerosis submitted to percutaneous balloon compression. Report of our series and literature review. *World Neurosurg*. 2019 Feb 1. pii: S1878-8750(19)30234-7. doi: 10.1016/j.wneu.2019.01.134
48. Ius T, Pignotti F, Della Pepa GM, La Rocca G, Somma T, Isola M, Battistella C, Gaudino S, Polano M, Dal Bo M, Bagatto D, Pegolo E, Chiesa S, Arcicasa M, Olivi A, Skrap M, Sabatino G. A Novel Comprehensive Clinical Stratification Model to Refine Prognosis of Glioblastoma Patients Undergoing Surgical Resection. *Cancers (Basel)*. 2020 Feb 7;12(2):386. doi: 10.3390/cancers12020386.
49. Gaudino S, Benenati M, Martucci M, Botto A, Infante A, Marrazzo A, Ramaglia A, Marziali G, Guadalupi P, Colosimo C. Investigating dynamic susceptibility contrast-enhanced perfusion-weighted magnetic resonance imaging in posterior fossa tumors: differences and similarities with supratentorial tumors. *Radiol Med*. 2020 Apr;125(4):416-422. doi: 10.1007/s11547-019-01128-3. Epub 2020 Jan 8.

50. La Rocca G, Della Pepa GM, Gaudino S, Sabatino G, Zoia C, Raffa G, Altieri R, Mazzucchi E. Cortical Laminar Necrosis as a Result of Status Epilepticus After Resection of Parafalcal Meningioma. *Surg Technol Int*. 2020 May 28;36:159-177.
51. Gaudino S, Marziali G, Pezzullo G, Guadalupi P, Giordano C, Infante A, Benenati M, Ramaglia A, Massimi L, Gessi M, Frassanito P, Caldarelli M, Colosimo C. Role of susceptibility-weighted imaging and intratumoral susceptibility signals in grading and differentiating pediatric brain tumors at 1.5 T: a preliminary study. *Neuroradiology*. 2020 Jun;62(6):705-713. doi: 10.1007/s00234-020-02386-z.
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Non-Peer Reviewed Articles



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PERSONAL

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February, 10th 2025



Simona Gaudino