

Curriculum Vitae
Prof. Davide FARINA
MD, EBiHNR
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Informazioni personali

Nome: Davide FARINA
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Telefono: +39 328 7667025
Data di nascita: 29 dicembre 1969
E-mail: davide.farina@unibs.it
Nazionalità: Italiano
Stato civile: Coniugato, tre figli

Titoli di Studio

Scuola secondaria

1983-1988 Liceo Classico Arnaldo da Brescia, Brescia
Diploma di maturità (60/60)

Università

1988-1995 Università degli Studi di Brescia – Facoltà di Medicina e Chirurgia
Laurea (110/110 cum laude) discutendo la tesi “La RM ad alta risoluzione nello staging e nel follow delle neoplasie maligne nasosinusalì”

Scuola di Specializzazione

1996-2000 Università degli Studi di Brescia – Scuola di Specializzazione in Radiodiagnostica
Diploma di Specializzazione (50/50) discutendo la tesi “Ottimizzazione di sequenze RM fast e ultrafast nello staging e nel follow up dei carcinomi del cavo orale e dell’orofaringe”

Fellowships

04-08/1996 Department of Radiology
Catholic University of Leuven - Belgium

Obiettivi della fellowship sono stati il perfezionamento nell’imaging diagnostic del distretto cervico-cefalico e la valutazione sperimentale con MRI dell’ossigenazione dei tumori in modelli murini.

04-06/2006 CMR unit
Royal Brompton Hospital – London

Partecipazione al corso terico pratico CMR (cardiovascular MRI) course, caratterizzato da attività hands-on sulle apparecchiature e refertazione di esami cardioRM

Esperienze professionali

Dal 17/09/1999 al 04/11/2015

Dirigente medico

Radiologia 2, ASST Spedali Civili di Brescia

Dal 05/11/2015

Professore Associato SSD MED/36

Università degli Studi, Brescia

Nel triennio accademico 2016/2017-2019/2020

Direttore della Scuola di Specializzazione in Radiodiagnostica

Università degli Studi, Brescia

Nel triennio accademico 2018/2021 (corrispondente all'a.a. delle Scuole di Specializzazione)

Direttore della Scuola di Specializzazione in Radiodiagnostica

Università degli Studi, Brescia

Nel triennio accademico 2016/2017-2019/2020

Presidente del Consiglio di Corso di Studio in Tecniche di radiologia medica, per immagini e radioterapia

Università degli Studi, Brescia

Nel triennio accademico 2019/2020-2021/2022

Presidente del Consiglio di Corso di Studio in Tecniche di radiologia medica, per immagini e radioterapia

Università degli Studi, Brescia

Nel triennio accademico 2018/2019-2020/2021

Membro del Consiglio della Facoltà di Medicina e Chirurgia

Università degli Studi, Brescia

Dal 2000 al 2015

Professore a contratto

Corso di Studio in Tecniche di radiologia medica, per immagini e radioterapia

Università degli Studi, Brescia

Attività scientifica

L'attività scientifica è stata focalizzata sull'Imaging oncologico del distretto cervico-cefalico e sull'Imaging cardiovascolare.

Nel 2013 ha ottenuto lo European Board in Head and Neck Radiology Diploma (EBiHNR); nel 2019 ne ha ottenuto il rinnovo.

E' stato esaminatore per l'esame di EBiHNR in sessioni del 2017 e 2018.

Memberships

SIRM

01/01/17- 31/12/2018 **Consigliere** sezione Radiologia Odontostomatologica e Testa-Collo

01/01/19- 31/12/2012 **Consigliere** sezione Radiologia Odontostomatologica e Testa-Collo

European Society of Radiology (ESR)

2004-2006 **Membro** Head and Neck Subcommittee

2005 ECR **Membro** PEP Committee

European Society of Head and Neck Radiology (ESHNR)

2017-2020 **Segretario**

2014-2017 **Membro** dell'Executive Committee

British Society of Head and Neck Imaging (BSHNI)

Membro Onorario

European Society of Cardiac Radiology (ESCR)

2016-2019 **Membro dello Steering Committee** della School of MRI dell'European Society of Magnetic Resonance in Medicine and Biology (ESMRMB)

Produzione scientifica

Articoli peer-review

1. Vaccher F, Ravanelli M, Farina D. Unilateral absence of the pulmonary artery: a one-stop-shop assessment with cardiac MRI. *Kardiol Pol.* 2020 Jun 17. doi: 10.33963/KP.15434. Epub ahead of print. PMID: 32550731.
2. Renzulli M, Clemente A, Spinelli D, Ierardi AM, Marasco G, Farina D, Brocchi S, Ravaioli M, Pettinari I, Cescon M, Reginelli A, Cappabianca S, Carrafiello G, Golfieri R. Gastric Cancer Staging: Is It Time for Magnetic Resonance Imaging? *Cancers (Basel).* 2020 May 29;12(6):E1402. doi: 10.3390/cancers12061402. PMID: 32485933.
3. Farina D, Rondi P, Botturi E, Renzulli M, Borghesi A, Guelfi D, Ravanelli M. Gastrointestinal: Bowel ischemia in a suspected coronavirus disease (COVID-19) patient. *J Gastroenterol Hepatol.* 2020 May 25;10.1111/jgh.15094. Doi: 10.1111/jgh.15094. Epub ahead of print. PMID: 32450607; PMCID: PMC7283717.
4. Borghesi A, Zigliani A, Golemi S, Carapella N, Maculotti P, Farina D, Maroldi R. Chest X-ray severity index as a predictor of in-hospital mortality in coronavirus disease 2019: A study of 302 patients from Italy. *Int J Infect Dis.* 2020 May 8;96:291-293. doi: 10.1016/j.ijid.2020.05.021. Epub ahead of print. PMID: 32437939; PMCID: PMC7207134.
5. Bellini P, Albano D, Farina D, Ravanelli M, Gavazzi E, Dondi F, Mazzoletti A, Bertagna F, Maroldi R, Giubbini R. Anomalous origin of the left coronary artery in patient with reduction of right coronary artery flow reserve detected by CZT camera. *J Nucl Cardiol.* 2020 May 13. doi: 10.1007/s12350-020-02176-3. Epub ahead of print. PMID: 32405992.
6. Inciardi RM, Lupi L, Zacccone G, Italia L, Raffo M, Tomasoni D, Cani DS, Cerini M, Farina D, Gavazzi E, Maroldi R, Adamo M, Ammirati E, Sinagra G, Lombardi CM, Metra M. Cardiac Involvement in a Patient With Coronavirus Disease 2019 (COVID-19). *JAMA Cardiol.* 2020 Mar 27. doi: 10.1001/jamacardio.2020.1096. Epub ahead of print. PMID: 32219357.
7. Borghesi A(1), Zigliani A(2), Masciullo R(2), Golemi S(2), Maculotti P(2), Farina
8. D(2), Maroldi R(2) Radiographic severity index in COVID-19 pneumonia: relationship to age and sex in 783 Italian patients *Radiol Med.* 2020 May 1. doi: 10.1007/s11547-020-01202-1. [Epub ahead of print]
9. Russo MC, Antonietti A, Farina D, Verzeletti A. Complete decapitation in suicidal hanging - a case report and a review of the literature. *Forensic Sci Med Pathol.* 2020 Mar 12. doi: 10.1007/s12024-020-00226-3. [Epub ahead of print]
10. Chiesa-Estomba CM, Ravanelli M, Farina D, Rémacle M, Simo R, Peretti G, Sjogren E, Sistiaga-Suarez JA, González-García JA, Larruscain E, Piazza C. Imaging checklist for preoperative evaluation of laryngeal tumors to be treated by transoral microsurgery: guidelines from the European Laryngological Society. *Eur Arch Otorhinolaryngol.* 2020 Feb 27. doi: 10.1007/s00405-020-05869-0. [Epub ahead of print] PubMed PMID: 32107616.
11. Schreiber A, Ravanelli M, Rampinelli V, Ferrari M, Vural A, Mattavelli D, Mataj E, Mazza V, Zorza I, Bonù ML, Signorini L, Chiari E, Sorrentino T, Doglietto F, Farina D, Maroldi R, Nicolai P. Skull base osteomyelitis: clinical and radiologic analysis of a rare and multifaceted pathological entity. *Neurosurg Rev.* 2020 Feb 8. doi: 10.1007/s10143-020-01254-x. [Epub ahead of print] PubMed PMID: 32036506.
12. Ravanelli M, Tononcelli E, Leali M, Buffa I, Loke SC, Karandikar A, Chokkapan K, Yue GOC, Goh JPN, Tan TY, Farina D. Magnetic resonance imaging features of the

- superior cervical ganglion and expected changes after radiation therapy to the head and neck in a long-term follow-up. *Neuroradiology*. 2020 Jan 29. doi: 10.1007/s00234-020-02373-4. [Epub ahead of print] PubMed PMID: 31996966.
13. Farina D, Lombardi D, Bertuletti M, Palumbo G, Zorza I, Ravanelli M. An additional challenge for head and neck radiologists: anatomic variants posing a surgical risk - a pictorial review. *Insights Imaging*. 2019 Dec 2;10(1):112. doi: 10.1186/s13244-019-0794-7. Review. PubMed PMID: 31792642; PubMed Central PMCID: PMC6888772.
 14. Maghin F, Barbon A, Farina D, Salvetti M, Conti A. Sudden cardiac death in a girl with familiar left-dominant arrhythmogenic cardiomyopathy: a multidisciplinary approach. *J Cardiovasc Med (Hagerstown)*. 2019 Nov 20. doi: 10.2459/JCM.0000000000000902. [Epub ahead of print] PubMed PMID: 31764239.
 15. Ravanelli M, Agazzi GM, Milanese G, Roca E, Silva M, Tiseo M, Rondi P, Baggi A, Ganeshan B, Muri M, Panni S, Botti C, Sverzellati N, Maroldi R, Berruti A, Farina D. Prognostic and predictive value of histogram analysis in patients with non-small cell lung cancer refractory to platinum treated by nivolumab: A multicentre retrospective study. *Eur J Radiol*. 2019 Sep;118:251-256. Doi: 10.1016/j.ejrad.2019.07.019. Epub 2019 Jul 17. PubMed PMID: 31439251.
 16. Maghin F, Antonietti A, Farina D, Benedetti P, Verzeletti A. A case of suicide by double gunshot wounds to the head: the ability to act after the first shot. *Int J Legal Med*. 2019 Sep;133(5):1469-1476. doi: 10.1007/s00414-019-02085-2. Epub 2019 Jun 14. PubMed PMID: 31201500.
 17. Ravanelli M, Agazzi GM, Tononcelli E, Roca E, Cabassa P, Baiocchi G, Berruti A, Maroldi R, Farina D. Texture features of colorectal liver metastases on pretreatment contrast-enhanced CT may predict response and prognosis in patients treated with bevacizumab-containing chemotherapy: a pilot study including comparison with standard chemotherapy. *Radiol Med*. 2019 Sep;124(9):877-886. doi: 10.1007/s11547-019-01046-4. Epub 2019 Jun 6. PubMed PMID: 31172448.
 18. Borghesi A, Michelini S, Nocivelli G, Silva M, Scrimieri A, Pezzotti S, Maroldi R, Farina D. Solid Indeterminate Pulmonary Nodules Less Than or Equal to 250 mm(3): Application of the Updated Fleischner Society Guidelines in Clinical Practice. *Radiol Res Pract*. 2019 Jan 3;2019:7218258. doi: 10.1155/2019/7218258. eCollection 2019. PubMed PMID: 30719352; PubMed Central PMCID: PMC6335705.
 19. Ravanelli M, Paderno A, Del Bon F, Montalto N, Pessina C, Battocchio S, Farina D, Nicolai P, Maroldi R, Piazza C. Prediction of Posterior Paraglottic Space and Cricoarytenoid Unit Involvement in Endoscopically T3 Glottic Cancer with Arytenoid Fixation by Magnetic Resonance with Surface Coils. *Cancers (Basel)*. 2019 Jan 10;11(1). pii: E67. doi: 10.3390/cancers11010067. PubMed PMID: 30634566; PubMed Central PMCID: PMC6356606.
 20. Ravanelli M, Agazzi GM, Ganeshan B, Roca E, Tononcelli E, Bettoni V, Caprioli A, Borghesi A, Berruti A, Maroldi R, Farina D. CT texture analysis as predictive factor in metastatic lung adenocarcinoma treated with tyrosine kinase inhibitors (TKIs). *Eur J Radiol*. 2018 Dec;109:130-135. doi: 10.1016/j.ejrad.2018.10.016. Epub 2018 Oct 24. PubMed PMID: 30527295.
 21. Ravanelli M, Grammatica A, Tononcelli E, Morello R, Leali M, Battocchio S, Agazzi GM, Buglione di Monale E, Bastia M, Maroldi R, Nicolai P, Farina D. Correlation between Human Papillomavirus Status and Quantitative MR Imaging Parameters including Diffusion-Weighted Imaging and Texture Features in Oropharyngeal Carcinoma. *AJNR Am J Neuroradiol*. 2018 Oct;39(10):1878-1883. Doi: 10.3174/ajnr.A5792. Epub 2018 Sep 13. PubMed PMID: 30213805.
 22. Schreiber A, Rampinelli V, Ferrari M, Mattavelli D, Farina D, Battocchio S, Nicolai P. Diagnostic reliability of pretreatment biopsy in malignant nasoethmoidal tumors: A retrospective study of 77 cases. *Laryngoscope*. 2018 Aug;128(8):1772-1777. doi: 10.1002/lary.27077. Epub 2018 Jan 4. PubMed PMID: 29314070.

23. Accorona R, Barbieri D, Farina D, Lombardi D, Bussi M, Nicolai P. Intracapsular carcinoma ex-pleomorphic adenoma of the parapharyngeal space: report of two cases and review of the literature. *Tumori*. 2017 Nov 15;103(Suppl. 1):e73-e77. doi: 10.5301/tj.5000688. Review. PubMed PMID: 29143959.
24. Uggla L, Ravanelli M, Pallottino AA, Farina D, Maroldi R. Diagnostic work-up in obstructive and inflammatory salivary gland disorders. *Acta Otorhinolaryngol Ital*. 2017 Apr;37(2):83-93. doi: 10.14639/0392-100X-1597. Review. PubMed PMID: 28516970; PubMed Central PMCID: PMC5463527.
25. Ascierto PA, Accorona R, Botti G, Farina D, Fossati P, Gatta G, Gogas H, Lombardi D, Maroldi R, Nicolai P, Ravanelli M, Vanella V. Mucosal melanoma of the head and neck. *Crit Rev Oncol Hematol*. 2017 Apr;112:136-152. Doi: 10.1016/j.critrevonc.2017.01.019. Epub 2017 Feb 13. Review. PubMed PMID: 28325255.
26. Lombardi D, Mattavelli D, Redaelli De Zinis LO, Accorona R, Morassi ML, Facchetti F, Ferrari V, Farina D, Bertulli R, Nicolai P. Primary Ewing's sarcoma of the sinonasal tract in adults: A challenging disease. *Head Neck*. 2017 Mar;39(3):E45-E50. Doi: 10.1002/hed.24649. Epub 2016 Nov 29. PubMed PMID: 27898190.
27. Borghesi A, Farina D, Michelini S, Ferrari M, Benetti D, Fisogni S, Tironi A, Maroldi R. Pulmonary adenocarcinomas presenting as ground-glass opacities on multidetector CT: three-dimensional computer-assisted analysis of growth pattern and doubling time. *Diagn Interv Radiol*. 2016 Nov-Dec;22(6):525-533. PubMed PMID: 27682741; PubMed Central PMCID: PMC5098947.
28. Bossi P, Farina D, Gatta G, Lombardi D, Nicolai P, Orlandi E. Paranasal sinus cancer. *Crit Rev Oncol Hematol*. 2016 Feb;98:45-61. Doi: 10.1016/j.critrevonc.2015.09.009. Epub 2015 Oct 19. Review. PubMed PMID: 26520459.
29. Maroldi R, Ravanelli M, Farina D, Facchetti L, Bertagna F, Lombardi D, Nicolai P. Post-treatment Evaluation of Paranasal Sinuses After Treatment of Sinonasal Neoplasms. *Neuroimaging Clin N Am*. 2015 Nov;25(4):667-85. Doi: 10.1016/j.nic.2015.07.009. Epub 2015 Aug 28. Review. PubMed PMID: 26476385.
30. Loke SC, Karandikar A, Ravanelli M, Farina D, Goh JP, Ling EA, Maroldi R, Tan TY. Superior cervical ganglion mimicking retropharyngeal adenopathy in head and neck cancer patients: MRI features with anatomic, histologic, and surgical correlation. *Neuroradiology*. 2016 Jan;58(1):45-50. Doi: 10.1007/s00234-015-1598-1. Epub 2015 Sep 30. PubMed PMID: 26423907.
31. Vizzardi E, Bonadei I, Sciatti E, Pezzali N, Farina D, D'Aloia A, Metra M. Quantitative analysis of right ventricular (RV) function with echocardiography in chronic heart failure with no or mild RV dysfunction: comparison with cardiac magnetic resonance imaging. *J Ultrasound Med*. 2015 Feb;34(2):247-55. Doi: 10.7863/ultra.34.2.247. PubMed PMID: 25614398.
32. Maroldi R, Ravanelli M, Farina D. Magnetic resonance for laryngeal cancer. *Curr Opin Otolaryngol Head Neck Surg*. 2014 Apr;22(2):131-9. Doi: 10.1097/MOO.000000000000036. Review. PubMed PMID: 24614061.
33. Schreiber A, Lombardi D, Missale F, Farina D, Lorenzi L, Nicolai P. Giant cervico-mediastinal solitary fibrous tumor. *Eur Arch Otorhinolaryngol*. 2014 Jun;271(6):1833-8. doi: 10.1007/s00405-014-2943-4. Epub 2014 Mar 8. PubMed PMID: 24609642.
34. Nicolai P, Paderno A, Farina D, Piazza C. Microdebrider cavitation and transcervical removal of parapharyngeal schwannomas approaching the skull base. *Eur Arch Otorhinolaryngol*. 2014 Dec;271(12):3305-11. Doi: 10.1007/s00405-014-2953-2. Epub 2014 Mar 2. PubMed PMID: 24584553.
35. Lorusso R, Morone M, Farina D, Gelsomino S. Pseudo-dextrocardia: an unusual case of giant biatrial enlargement. *J Thorac Cardiovasc Surg*. 2013 Dec;146(6):e59-61. doi: 10.1016/j.jtcvs.2013.08.014. Epub 2013 Sep 20. PubMed PMID: 24060361.

36. Ravanelli M, Farina D, Morassi M, Roca E, Cavalleri G, Tassi G, Maroldi R. Texture analysis of advanced non-small cell lung cancer (NSCLC) on contrast-enhanced computed tomography: prediction of the response to the first-line chemotherapy. *Eur Radiol.* 2013 Dec;23(12):3450-5. Doi: 10.1007/s00330-013-2965-0. Epub 2013 Jul 9. PubMed PMID: 23835926.
37. Nassif N, Cottelli M, Farina D, Berlucchi M. Intraparyngeal schwannoma in a pediatric patient. *Ear Nose Throat J.* 2013 Jun;92(6):E6. PubMed PMID: 23780609.
38. Ravanelli M, Farina D, Rizzardi P, Botturi E, Prandolini P, Mangili S, Peretti G, Nicolai P, Maroldi R. MR with surface coils in the follow-up after endoscopic laser resection for glottic squamous cell carcinoma: feasibility and diagnostic accuracy. *Neuroradiology.* 2013 Feb;55(2):225-32. Doi: 10.1007/s00234-012-1128-3. Epub 2012 Dec 22. PubMed PMID: 23262560.
39. Bolzoni Villaret A, Nicolai P, Schreiber A, Bizzoni A, Farina D, Tschabitscher M. The temporo-parietal fascial flap in extended transnasal endoscopic procedures: cadaver dissection and personal clinical experience. *Eur Arch Otorhinolaryngol.* 2013 Mar;270(4):1473-9. doi: 10.1007/s00405-012-2187-0. Epub 2012 Sep 21. PubMed PMID: 22996083.
40. Maroldi R, Farina D, Ravanelli M, Lombardi D, Nicolai P. Emergency imaging Assessment of deep neck space infections. *Semin Ultrasound CT MR.* 2012 Oct;33(5):432-42. doi: 10.1053/j.sult.2012.06.008. Review. PubMed PMID: 22964409.
41. Caobelli F, Farina D, Pizzocaro C, Guerra UP. Will the new advantages provided by PET in myocardial perfusion imaging help nuclear cardiology survive the test of time against conventional radiological techniques? *Eur J Nucl Med Mol Imaging.* 2012 Dec;39(12):1970-2. doi: 10.1007/s00259-012-2214-9. Epub 2012 Aug 28. PubMed PMID: 22926711.
42. Bizzoni A, Bolzoni Villaret A, Lombardi D, Tomenzoli D, Danzi P, Semeraro F, Farina D, Nicolai P. Isolated sphenoid inflammatory diseases associated with visual impairment: 15-year experience at a single institution. *Rhinology.* 2011 Jun;49(2):202-6. doi: 10.4193/Rhino10.042. PubMed PMID: 21743877.
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45. Lombardi D, Tomenzoli D, Buttà L, Bizzoni A, Farina D, Sberze F, Karligkiotis A, Castelnuovo P, Nicolai P. Limitations and complications of endoscopic surgery for treatment for sinonasal inverted papilloma: a reassessment after 212 cases. *Head Neck.* 2011 Aug;33(8):1154-61. doi: 10.1002/hed.21589. Epub 2010 Oct 21. PubMed PMID: 20967873.
46. Farina D, Borghesi A, Botturi E, Ravanelli M, Maroldi R. Treatment monitoring of paranasal sinus tumors by magnetic resonance imaging. *Cancer Imaging.* 2010 Aug 13;10:183-93. doi: 10.1102/1470-7330.2010.0025. Review. PubMed PMID: 20713318; PubMed Central PMCID: PMC2943677.
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51. Caretta G, Robba D, Bonadei I, Teli M, Fontanella B, Vizzardi E, Farina D, Raddino R, Cas LD. Multiorgan paradoxical embolism consequent to acute pulmonary thromboembolism with patent foramen ovale: a case report. *Cases J*. 2009 Sep 17;2:8358. doi: 10.4076/1757-1626-2-8358. PubMed PMID: 19918422; PubMed Central PMCID: PMC2769432.
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