

Prof. Dr. Michele Anzidei

Biosketch

Education, Training and Honors

- July, 2005: School of Medicine Graduation cum Laude, Sapienza University of Rome
- March 2009: Fellowship on MSK imaging, L'Aquila University
- Nov, 2009: Radiology Residency Graduation cum Laude, Sapienza University of Rome
- December 2012, European PhD program at University Sapienza of Rome, XXV edition, Cardiovascular Physiopathology and Imaging
- January 2015, Post-Doc: "Molecular Imaging and MRgFUS". Department of Radiological Sciences, Sapienza University of Rome
- June 2015: Assistant Professor of Radiology - Department of Radiological, Oncology and Pathological Sciences, Sapienza University of Rome
- Actively involved in the Didactical, Research and Clinical activity at Department of Radiological, Oncological and Anatomopathological Sciences, Cardiovascular Imaging Unit, Sapienza University of Rome
- Since 2010 Research Member of the MR guided Focused Ultrasound Surgery Unit at Sapienza University of Rome
- Presenter of numerous scientific contributions and review lectures in the field of Cardiovascular Imaging and MR guided Focused Ultrasound at RSNA, ECR and other international meetings and courses.
- Reviewer for some of the most impacted Scientific Journals of the Radiology field (European Radiology, Investigative Radiology, European Journal of Radiology, CVIR, Insights into Imaging, Neurovascular Imaging, World Journal of Radiology)
- Editorial Board Member of CVIR, Insights into Imaging, Neurovascular Imaging, World Journal of Radiology
- Winner and co-winner of international scientific societies awards, including a Cum Laude award from RSNA in 2005, the 10th Lodwick Award from the Harvard University from the best paper "Primary Pain Palliation and Local Tumor Control in Bone Metastases Treated with Magnetic Resonance-Guided Focused Ultrasound" in 2013 and a Certificate of Outstanding Service from CVIR journal for the paper "Imaging of the Carotid Artery Vulnerable Plaque" in 2015.-

Teaching

- Professor (Med 36) at the school of medicine, Sapienza University of Rome, Course A and Course D
- Professor (Med 36) at the nursing school at the Sapienza University of Rome, Anzio detachment
- Professor (Med 36) at the school for Radiology Technicians, Sapienza University of Rome, Rieti detachment
- Professor (Med 36) at physiotherapy school, Sapienza University of Rome, Santo Spirito detachment

- Tutor to medical students and radiology residents.

Lecturing Invitation to Round Tables, Courses and Conferences and Organization

- As a speaker was invited by the several important national and international conferences in the field of Radiology (ECR, SIRM, FUS, ECIO, CIRSE courses).

Visiting activities and courses

- 2009 Fellowship in MSK imaging, L'Aquila University Italy

- 2009 IDKD Course on MSK imaging, Davos – Switzerland

- 2010 Stoller Course on MSK imaging, San Francisco - USA

Funding Information [PI or Investigator]

- Co-investigator GRIP study (Bayer-Schering - 2009)

- Co-investigator study 12948 (Bayer-Schering - 2009)

- Researcher FUSIMO study (EU Grant agreement no: 270186)

- Researcher TRANSFUSIMO study (EU GRANT AGREEMENT NO: 611889)

- Co-investigator Sapienza University Research Project. Design, implementation and pre-clinical evaluation of a robotic system

Research activities

Author of several book chapters and scientific articles on thoracic, gastrointestinal, cardiovascular and interventional radiology, published on peer reviewed international journals.

Total H-index: 19

Number of Citations: 1011

Most recent papers:

- Napoli A, Anzidei M, De Nunzio C, Cartocci G, Panebianco V, De Dominicis C, Catalano C, Petrucci F, Leonardo C. Real-time magnetic resonance-guided high-intensity focused ultrasound focal therapy for localised prostate cancer: preliminary experience. *EurUrol.* 2013 Feb;63(2):395-8. doi: 10.1016/j.eururo.2012.11.002. Epub 2012 Nov 12

- Napoli A, Mastantuono M, Cavallo Marincola B, Anzidei M, Zaccagna F, Moreschini O, Passariello R, Catalano C. Osteoid osteoma: MR-guided focused ultrasound for entirely noninvasive treatment. *Radiology.* 2013 May;267(2):514-21. doi: 10.1148/radiol.13120873.

- Napoli A, Anzidei M, Ciolina F, Marotta E, Cavallo Marincola B, Brachetti G, Di Mare L, Cartocci G, Boni F, Noce V, Bertaccini L, Catalano C. MR-Guided High-Intensity Focused Ultrasound: Current Status of an Emerging Technology. *Cardiovasc Intervent Radiol.* 2013 Mar 9

- Napoli A, Anzidei M, Marincola BC, Brachetti G, Ciolina F, Cartocci G, Marsecano C, Zaccagna F, Marchetti L, Cortesi E, Catalano C. Primary pain palliation and local tumor control in bone metastases treated with magnetic resonance-guided focused ultrasound. *Invest Radiol*. 2013 Jun;48(6):351-8. doi: 10.1097/RLI.0b013e318285bbab.
- Fraioli F, Anzidei M, Serra G, Liberali S, Fiorelli A, Zaccagna F, Longo F, Anile M, Catalano C. Whole-tumour CT-perfusion of unresectable lung cancer for the monitoring of anti-angiogenetic chemotherapy effects. *Br J Radiol*. 2013 Sep;86(1029):20120174. doi: 10.1259/bjr.20120174. Epub 2013 Aug 1.
- Napoli A, Anzidei M, Marincola BC, Brachetti G, Noce V, Boni F, Bertaccini L, Passariello R, Catalano C. MR imaging-guided focused ultrasound for treatment of bone metastasis. *Radiographics*. 2013 Oct;33(6):1555-68. doi: 10.1148/rg.336125162
- Anzidei M, Napoli A, Sandolo F, Marincola BC, Di Martino M, Berloco P, Bosco S, Bezzi M, Catalano C. Magnetic resonance-guided focused ultrasound ablation in abdominal moving organs: a feasibility study in selected cases of pancreatic and liver cancer. *Cardiovasc Intervent Radiol*. 2014 Dec;37(6):1611-7
- Anzidei M, Marincola BC, Bezzi M, Brachetti G, Nudo F, Cortesi E, Berloco P, Catalano C, Napoli A. Magnetic resonance-guided high-intensity focused ultrasound treatment of locally advanced pancreatic adenocarcinoma: preliminary experience for pain palliation and local tumor control. *Invest Radiol*. 2014 Dec;49(12):759-65
- Anzidei M, Argirò R, Porfiri A, Boni F, Anile M, Zaccagna F, Vitolo D, Saba L, Napoli A, Leonardi A, Longo F, Venuta F, Bezzi M, Catalano C. Preliminary clinical experience with a dedicated interventional robotic system for CT-guided biopsies of lung lesions: a comparison with the conventional manual technique. *Eur Radiol*. 2014 Nov 23.
- Cavallo Marincola B, Pediconi F, Anzidei M, Miglio E, Di Mare L, Telesca M, Mancini M, D'Amati G, Monti M, Catalano C, Napoli A. High-intensity focused ultrasound in breast pathology: non-invasive treatment of benign and malignant lesions. *Expert Rev Med Devices*. 2014 Nov 24:1-9
- Lucatelli P, Corona M, Argirò R, Anzidei M, Vallati G, Fanelli F, Bezzi M, Catalano C. Impact of 3D Rotational Angiography on Liver Embolization Procedures: Review of Technique and Applications. *Cardiovasc Intervent Radiol*. 2014 Dec 9.
- Lucatelli P, Fanelli F, Cirelli C, Sacconi B, Anzidei M, Montisci R, Sanfilippo R, Tamponi E, Catalano C, Saba L. Carotid endarterectomy versus stenting: Does the flow really change? An Echo-Color-Doppler analysis. *Int J Cardiovasc Imaging*. 2015 Apr;31(4):773-81
- Anzidei M, Lucatelli P, Napoli A, Jens S, Saba L, Cartocci G, Sedati P, d'Adamo A, Catalano C. CT angiography and magnetic resonance angiography findings after surgical and interventional radiology treatment of peripheral arterial obstructive disease. *J Cardiovasc Comput Tomogr*. 2015 May-Jun;9(3):165-182. doi: 10.1016/j.jcct.2015.01.007. Epub 2015 Jan 14. Review.
- Anzidei M, Sacconi B, Fraioli F, Saba L, Lucatelli P, Napoli A, Longo F, Vitolo D, Venuta F, Anile M, Diso D, Bezzi M, Catalano C. Development of a prediction model and risk score for procedure-related complications in patients undergoing percutaneous computed tomography-guided lung biopsy. *Eur J Cardiothorac Surg*. 2015 May 16. pii: ezv172.

- Anzidei M, Di Martino M, Sacconi B, Saba L, Boni F, Zaccagna F, Geiger D, Kirchin MA, Napoli A, Bezzi M, Catalano C. Evaluation of image quality, radiation dose and diagnostic performance of dual-energy CT datasets in patients with hepatocellular carcinoma. *ClinRadiol*. 2015 Sep;70(9):966-73. doi: 10.1016/j.crad.2015.05.003.

- Anzidei M, Suri JS, Saba L, Sanfilippo R, Laddeo G, Montisci R, Piga M, Argiolas GM, Raz E. Longitudinal assessment of carotid atherosclerosis after Radiation Therapy using Computed Tomography: A case control Study. *EurRadiol*. 2016 Jan;26(1):72-8. doi: 10.1007/s00330-015-3753-9. Epub 2015 Sep 25.