

PERSONAL INFORMATION **Simona Picchia**

POSITION **Radiologist**

EDUCATION AND TRAINING

- 2001–2005 **Classical High-School Diploma**
Liceo Ginnasio Statale "Augusto", Rome (Italy)
Marks: 100/100
- 2006–2013 **Degree in Medicine and Surgery**
University of Rome "La Sapienza",
Rome, Italy
Marks: 110 with honors/110
- 2014–2019 **Residency in Radiology**
University of Rome "La Sapienza",
Rome, Italy
- 2017-2018 **Research Fellowship**
Department of Radiology
The Royal Marsden NHS Foundation trust
London, UK
- 2018-2019 **Clinical Fellowship**
Department of Radiology
Erasme Hospital /Institute Jules Bordet
Bruxelles, Belgium
- 2020-now **Consultant**
Department of Radiology
Institute Jules Bordet
Bruxelles, Belgium
- Core competencies:** breast imaging (diagnostic and interventional MR/stereotactic/ultrasound guided)

PERSONAL SKILLS

First Language **Italian**

Other language(s)

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	

English/ French

C1

C1

C1

C1

C1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills

Good communication skills

Organisational / managerial skills

Good organizational skills

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Independent user	Independent user	Independent user	Basic user	Basic user

Digital competences - Self-assessment grid

ADDITIONAL INFORMATION

International Conferences

2016 RSNA / ECR / ESGAR / ESOI / SIRM (Oral presentations):

- Evaluation of rectal cancer response to therapy: Role of magnetic resonance Tumour Regression Grade (TRG) to predict pathological complete response

2016 ESGAR / SIRM (Oral presentations):

- MDCT of the Liver in Obese Patients: Evaluation of different methods to optimize iodine dose
- High concentration (400 mgI/mL) versus low concentration (320 mgI/mL) iodinated contrast media in multi detector computed tomography of the liver: comparison between 100 kV and 120 kV acquisition protocol
- Contrast media protocol optimization in MDCT of the liver: advantages of using a bioimpedance device

2017 ECR (Oral presentations):

- Rectal cancer: Comparison of MR-TRG, volume ratio and signal intensity decrease for the identification of complete responders after radiochemotherapy.
- Dynamic MR of the pelvic floor: impact of the PCL on the grading of pelvic floor descent

2017 RSNA/ 2018 ECR (Oral presentation):

- MRI of the gastric antrum for the quantification of gastric motility: comparison between obese and normal weight patients.

2018 ESGAR/SIRM (Oral presentations):

- MRI of the gastric antrum for the quantification of gastric motility: comparison between obese and normal weight patients.
- Dynamic MR of the pelvic floor: impact of the PCL on the grading of pelvic floor descent

2019 ESGAR (Oral presentation and poster):

- Oral presentation: MRI of the gastric antrum for the quantification of gastric motility: comparison between obese and normal weight patients.
- Poster: Intravoxel Incoherent Motion Diffusion-weighted Imaging (IVIM) to differentiate solid hepatic lesions using a volumetric approach.

2022 ICIS (Oral presentation):

- CT/MR texture analysis predictive value for tumor aggressiveness of Liver Metastases from Neuroendocrine Tumors

List of publications and scientific activities

First Author:

Picchia S., Rengo M., Bellini D., Caruso D., Pironti E., Floris R., Laghi A. Dynamic MR of the pelvic floor: Influence of alternative methods to draw the pubococcygeal line (PCL) on the grading of pelvic floor descent. Eur J Radiol Open 2019;6:187-191.

Picchia S., Riddell A., Terlizzo M., Bali MA. Liver metastasis from adenoid cystic carcinoma: imaging and histologic features. Curr Probl Cancer 2018;S0147-0272:30216-2.

Picchia S., Bali MA. Bifocal hepatocellular carcinoma (HCC): Magnetic resonance imaging features after trans-arterial embolization (TAE). Curr Probl Cancer 2018;42:319-321.

Picchia S., Terlizzo M., Bali MA. Hepatic Shwannoma: CT and histologic features. Curr Probl Cancer 2018;S0147-0272:30194-6.

Picchia S., Terlizzo M., Bali MA. Radiological and histological findings of an asymptomatic ever-increasing neoplasm: The small bowel neuroendocrine tumor (NET). Curr Probl Cancer. 2019;S0147-0272(18)30481-1.

Co-Author:

Caserta D, Adducchio G, **Picchia S.**, Ralli E, Matteucci E, Moscarini M. Metabolic syndrome and polycystic ovary syndrome: an intriguing overlapping. Gynecol Endocrinol. 2014;30:397-402.

Nigri G, Petrocca S, Cosenza G, Simone M, Matteoli M, Brini C, **Picchia S.**, Brescia A. Teaching in the operative room: the benefit of day surgery on surgical trainees. G Chir. 2008;29:511-4.

Rengo M, Bellini D, Businaro R, Caruso D, Azzara G, De Santis D, **Picchia S.**, Biondi T, Eid M, Boschiero D, Laghi A. MDCT of the liver in obese patients: evaluation of a different method to optimize iodine dose. Abdom Radiol (NY) 2017;42:2420-2427.

Rengo M, **Picchia S.**, Marzi S, Bellini D, Caruso D, Caterino M, Ciolina M, De Santis D, Musio D, Tombolini V, Laghi A. Magnetic resonance tumor regression grade (MR-TRG) to assess pathological complete response following neoadjuvant radiochemotherapy in locally advanced rectal cancer. Oncotarget. 2017;8:114746-114755.

Michalarea V., Fontana E., Garces AI, Williams A., Smyth EC, **Picchia S.**, Rao S., Chau I., Cunningham D, Bali MA. Pseudoprogression on treatment with immune-checkpoint inhibitors in patients with gastrointestinal malignancies: Case series and short literature review. Curr Probl Cancer 2019;S0147-0272:30318-0.

Badia S., **Picchia S.**, Bellini D., Ferrari R., Caruso D., Paolantonio P., Carbone I., Laghi A., Rengo M. The Role of Contrast-Enhanced Imaging for Colorectal Cancer Management. Current Colorectal Cancer Reports 2019

Khakoo S, Carter PD, Brown G, Valeri N, **Picchia S.**, Bali MA, Shaikh R, Jones T, Begum R, Rana I, Wotherspoon A, Terlizzo M, von Loga K, Kalaitzaki E, Saffery C, Watkins D, Tait D, Chau I, Starling N, Hubank M, Cunningham D. MRI Tumor Regression Grade and Circulating Tumor DNA as Complementary Tools to Assess Response and Guide Therapy Adaptation in Rectal Cancer. Clin Cancer Res. 2020

Rata M, Khan K, Collins DJ, Koh DM, Tunariu N, Bali MA, d'Arcy J, Winfield JM, **Picchia S.**, Valeri N, Chau I, Cunningham D, Fassan M, Leach MO, Orton MR. DCE-MRI is more sensitive than IVIM-DWI for

assessing anti-angiogenic treatment-induced changes in colorectal liver metastases. Cancer Imaging. 2021

Rengo M, Boru CE, Badia S, Iossa A, Bellini D, Picchia S, Panvini N, Carbone I, Silecchia G, Laghi A. Preoperative measurement of the hiatal surface with MDCT: impact on surgical planning. Radiol Med. 2021

Bucalau AM, Tancredi I, Pezzullo M, Leveque R, Picchia S, Laethem JV, Verset G. Balloon-occluded chemoembolization for hepatocellular carcinoma: a prospective study of safety, feasibility and outcomes. Hepat Oncol. 2020

Curcean S, Cheng L, Picchia S, Tunariu N, Collins D, Blackledge M, Popat S, O'Brien M, Minchom A, Leach MO, Koh DM. Early Response to Chemotherapy in Malignant Pleural Mesothelioma Evaluated Using Diffusion-Weighted Magnetic Resonance Imaging: Initial Observations. JTO Clin Res Rep. 2021

Book Chapter:

Rengo M., Picchia S., Laghi A. The Role of Imaging Before and after surgery. Imaging in Bariatric Surgery. 2018.

Rengo M., Picchia S., Laghi A. Small Bowel MDCT. Medical Radiology. Springer, Berlin, Heidelberg. 2017

Picchia S., Bali M.A., Thng C.H., Koh D.M. Functional Imaging of the Liver. Springer Book: Medical Radiology 2021

Peer-Reviewer for the Following Journals:

1. Current Problems in Cancer
2. The British Journal of Radiology

