

Curriculum vitae

Marian Pop

Office: Mures County Clinical Emergency Hospital (SCJU)
Radiology dept., Gh. Marinescu 50, Tîrgu Mureş 540126, Romania
Phone:

E-mail address: marian.pop@umfst.ro (office) Present position: Head of

Radiology Department. Associate professor of Radiology **Education**

- 2017 PhD, "The contribution of CT examination in abdominal fat assessment",
Magna cum laude, Prof. Dobrea D., UMFST Tîrgu Mureş
- 2014 MSc in Healthcare Management, "The need of improvement in the financing model of Radiology and Medical Imaging Laboratories", Prof. Bacarea V., 10/10, UMFST Tîrgu Mureş
- 2001 MD, General Medicine Faculty, Tîrgu Mureş University of Medicine, and Pharmacy

Certifications

- 2020 European Association for Cardiovascular Imaging CT Level 3 Certification
- 2019 European Board of Cardiovascular Radiology- Diploma in Cardiovascular Radiology
- 2014 Society for Cardiovascular Magnetic Resonance level II certificate
- 2012 Romanian Health Ministry- Advanced Certificate in Magnetic Resonance Imaging
- 2011 Romanian Health Ministry- Advanced Certificate in Computed Tomography
- 2008 Romanian Board-Certified Radiologist

Work Experience

- 2024- present Radiology Department Head, Consultant radiologist, SCJU Tîrgu Mureş
- 2014- 2024 Consultant radiologist, IUBCvT Tîrgu Mureş
- 2011- 2013 Consultant radiologist, Mures County Clinical Emergency Hospital
- 2009- 2011 Radiologist, IUBCvT Tîrgu Mureş
- 2003-2008 Resident, Department of Radiology, Mures County Clinical Emergency Hospital
- 2002-2003 Internship, Reghin City Hospital

Foreign Experience

- Apr.-Jun. 2022 Pediatric Cardiovascular Radiology Research Observership, Graz, AT
 - CMR Strain. CMR in congenital patients. CT acquisition protocols
- Sept. 2021 Cardiovascular Radiology Fellowship, Vienna, AT
 - CMR in ischemic and non-ischemic cardiomyopathies, CT of coronary and large vessels
- Aug. 2019 Cardiac MRI&CT Observership, Guy and St Thomas' NHS Found. Trust, London, UK
 - Exposure to large center clinical, teaching and research experience
- Jun. 2018 Cardiovascular MRI Observership, Kinderspital Zürich, CH
 - CMR protocolling and reporting in congenital and GUCH patients
- Oct. 2015 Pediatric Cardiovascular Imaging Observership, Deutsches Herzzentrum München, DE
 - CMR and CT observership with a focus on congenital pathology
- Oct. -Dec. 2014 Cardiovascular radiology fellowship, Southampton, UK
 - Large center (2000+ CMR examinations per year). Ischemic and non-ischemic cardiomyopathies assessment. Stress CMR. Congenital cardiovascular CMR
 - Gained expertise and certification in CMR

Teaching Experience

2023-present Associate Professor, University of Medicine, Pharmacy, Science and Technology of Tîrgu Mureş
- Radiology residents coordinator
- Teaching core radiology courses for medical students
- Developed and taught two specialized optional courses on “Cardiovascular Radiology” and “Pediatric Radiology”.

2018-2023 Lecturer, UMFST Tîrgu Mureş
- Multiple (50+) postgraduate lectures on topics related to CMR and CCT

2013-2018 Teaching assistant, UMF Tîrgu Mureş

Research Overview

Research Interests:

Noninvasive cardiovascular imaging, cardiac MRI and CT, cardiovascular congenital disease, nonischemic cardiomyopathies, applied medical informatics, cost-effectiveness, patient-centered imaging
11 Medical students' thesis coordination
50+ conference communications.

Publications:

4 books. 5 Book chapters.

Selected 5 peer-reviewed articles below. Full list of 50+ available at
<https://scholar.google.com/citations?hl=ro&user=tznEMLoAAAAJ>

Pop M, Măruşteri M. Fat Hounsfield Unit Reference Interval Derived through an Indirect Method. *Diagnostics*. 2023; 13(11):1913.

Pop M, Kakucs Z, Coman S. CT Detection of an Anomalous Left Circumflex Coronary Artery from Pulmonary Artery (ALXCAPA) in 81-Year-Old Female Patient. *Journal of Clinical Medicine*. 2023; 12(1):226.

Lupu S, Pop M, Mitre A. Loefler Endocarditis Causing Heart Failure with Preserved Ejection Fraction (HFpEF): Characteristic Images and Diagnostic Pathway. *Diagnostics*. 2022; 12(9):2157.

Pop M. Cardiothoracic CTA in Infants Referred for Aortic Arch Evaluation— Retrospective Comparison of Iomeprol 350, Ioversol 350, Iopromide 370 and Iodixanol 320, Marian Pop, *Children* 2021, 8(11), 949;

Îdea R, Toma D, Pop M. New imaging methods in assessing the pediatric patient with suspected myocarditis. *Medic.ro*. 2021;141(3):42-44.

Awards and Prizes

2024 Society for Cardiovascular Magnetic Resonance, Leadership Academy

2014 European Society of Cardiac Radiology- Fellowship Southampton, UK

2014 Winner of UMF Tîrgu Mureş Research Grant competition

2013 European Society of Radiology Teach- The Teachers Programme, Szeged, HU

2002 First prize, Romanian National Medical Student's Meeting

Other NGO Positions

2020- present European Society for Cardiovascular Radiology: Membership Committee

2017- present Romanian Radiology and Medical Imaging Society: National Committee D

2016- present Romanian Pediatric Imaging Group: Censor

2011-2013, 2024- present Mureş County Medical Association: Secretary

2000-2001 Students' Council of the UMF Tîrgu Mureş: President