

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. Dobreanu 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 Mures

2014- 2024 Consultant radiologist, IUBCVT Tîrgu Mures

2011- 2013 Consultant radiologist, Mures County Clinical Emergency Hospital

2009- 2011 Radiologist, IUBCVT Tîrgu Mures

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 <ul style="list-style-type: none">- 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 <ul style="list-style-type: none">- 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. Loeffler 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;

Gîdea 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