

Curriculum Vitae

Personal information

First name / Surname

MARIAN POP

Address

Telephone

E-mail

marian.pop@umfst.ro

Nationality

Romanian

Date of birth

Gender

male

Desired position

Obținerea abilitării în domeniu Medicină

Managerial experience

Dates

2024.04- present

Occupation or position held

Concilor, Healthcare Ministry State secretary

Main activities and responsibilities

- Teaching undergraduate medical students
- Coordinator for Radiology residents

Name and address of employer

Tg.Mures University of Medicine and Pharmacy- Tg. Mures, Gh. Marinescu 48

Type of business or sector

Education

Dates

2023.02- present

Occupation or position held

Head of Diagnostic Radiology and Imaging Laboratory

Main activities and responsibilities

- Undergraduate courses

Name and address of employer

Tg.Mures University of Medicine and Pharmacy- Tg. Mures, Gh. Marinescu 48

Type of business or sector

Education

Dates

2008.04-2009.07

Occupation or position held

Medical Director

Main activities and responsibilities

- Undergraduate courses and practical activities

Name and address of employer

Tg.Mures University of Medicine and Pharmacy- Tg. Mures, Gh. Marinescu 48

Type of business or sector

Education

Dates

2008.04-2009.07

Occupation or position held

Head of Medical Statistics Department

Main activities and responsibilities

- Undergraduate courses and practical activities

Name and address of employer

Tg.Mures University of Medicine and Pharmacy- Tg. Mures, Gh. Marinescu 48

Type of business or sector

Education

Teaching experience

Dates

2023.09- present

Occupation or position held

Associate Professor of Radiology

Main activities and responsibilities

- Teaching undergraduate medical students
- Coordinator for Radiology residents

Name and address of employer

Tg.Mures University of Medicine and Pharmacy- Tg. Mures, Gh. Marinescu 48

Type of business or sector

Education

Dates

2021.10- present

Occupation or position held

Lecturer for Radio-imaging of cardio-thoracic diseases
Pediatric radiology

Main activities and responsibilities

- Undergraduate courses



Name and address of employer	Tg.Mures University of Medicine and Pharmacy- Tg. Mures, Gh. Marinescu 48
Type of business or sector	Education
Dates	<u>2018.10- 2023.06</u>
Occupation or position held	Lecturer for Medical informatics and Biostatistics
Main activities and responsibilities	- Undergraduate courses and practical activities
Name and address of employer	Tg.Mures University of Medicine and Pharmacy- Tg. Mures, Gh. Marinescu 48
Type of business or sector	Education
Dates	<u>2012-10- 2018.06</u>
Occupation or position held	Assistant lecturer for Medical informatics and Biostatistics
Main activities and responsibilities	- Undergraduate practical activities
Name and address of employer	Tg.Mures University of Medicine and Pharmacy- Tg. Mures, Gh. Marinescu 48
Type of business or sector	Education
Work experience	
Dates	<u>2022.04.01-2022.06.30</u>
Occupation or position held	Radiology Observership
Main activities and responsibilities	Pediatric Cardiovascular MRI and CT
Name and address of employer	Graz University Hospital, Division of Pediatric Radiology, Auenbruggerplatz 1, 8036 Graz, Austria, Prof. Dr. Erich Sorantin
Dates	<u>2021.09.02-2021.09.30</u>
Occupation or position held	Radiology Observership
Main activities and responsibilities	Cardiovascular MRI and CT
Name and address of employer	Vienna General Hospital, Division of Cardiovascular and Interventional Radiology at the Department of Bioimaging and Image-Guided Therapy, Währinger Gürtel 18-20, 1090 Vienna, Austria, Prof. Dr. Christian Loewe
Dates	<u>2019.09.08-2019.09.22</u>
Occupation or position held	Cardiac MRI and CT observership
Main activities and responsibilities	Non-congenital Cardiovascular MRI and CT
Name and address of employer	Guy and St Thomas' NHS Foundation Trust, St. Thomas Hospital, Westminster Bridge Road London SE1 7EH, United Kingdom Dr. Amedeo Chiribiri
Dates	<u>2018.05.28-2018.06.08</u>
Occupation or position held	Cardiac MRI observership
Main activities and responsibilities	Pediatric cardiovascular MRI
Name and address of employer	Kinderspital Zürich - Eleonorenstiftung, Steinwiesstrasse 75, CH-8032 Zürich, Switzerland Prof. Dr. Christian Kellenberger
Dates	<u>2015.10-2014.10</u>
Occupation or position held	Cardiac imaging observership
Main activities and responsibilities	Cardiac MRI
Name and address of employer	Deutsches Herzzentrum München, Lazarettstraße 36, 80636 München, Germany Dr. Sohrab Fratz
Dates	<u>2014.09-2014.12</u>
Occupation or position held	Cardiovascular imaging fellowship
Main activities and responsibilities	- Cardiac CT - Cardiac MRI
Name and address of employer	Southampton General Hospital, Tremona Rd, Southampton, Hampshire SO16 6YD, United Kingdom Dr. Charles Peebles
Dates	<u>2023-11- present</u>
Occupation or position held	Radiologist
Main activities and responsibilities	- Radiology department workload including standard X-ray, CT, MRI

Name and address of employer	Mures County Emergency Hospital- Tg. Mures, Gh. Marinescu 50
Dates	<u>2013-08- present</u>
Occupation or position held	Radiologist
Main activities and responsibilities	- Fluoroscopy - Plain radiography - Cardiovascular CT - Cardiac MRI
Name and address of employer	Emergency Institute for Cardiovascular Diseases and Transplant- Tg. Mures, Gh. Marinescu 50
Dates	<u>2011-03- 2013.08</u>
Occupation or position held	Radiologist
Main activities and responsibilities	- Computed Tomography - Fluoroscopy - Plain radiography - Echography
Name and address of employer	Mures County Emergency Hospital- Tg. Mures, Gh. Marinescu 50
Type of business or sector	Healthcare
Dates	<u>2010-06- 2011-03</u>
Occupation or position held	Radiologist
Main activities and responsibilities	- Fluoroscopy - Plain radiography
Name and address of employer	Emergency Institute for Cardiovascular Diseases- Tg. Mures, Gh. Marinescu 50
Type of business or sector	Healthcare
Dates	<u>2008-01- 2010-05</u>
Occupation or position held	Radiologist
Main activities and responsibilities	- Echography - Plain radiography
Name and address of employer	Mediconsult SRL
Type of business or sector	Healthcare
Dates	<u>2003-01- 2007-12</u>
Occupation or position held	Radiology Resident
Main activities and responsibilities	According to Radiology training curricula
Name and address of employer	Mures County Emergency Hospital- Tg. Mures, Gh. Marinescu 50
Type of business or sector	Healthcare
Dates	<u>2002-01- 2002-12</u>
Occupation or position held	Internship
Main activities and responsibilities	- 6 mo. internal medicine - 6 mo. general surgery
Name and address of employer	"Eugen Nicoara" Hospital, Reghin, Spitalului 19-20
Type of business or sector	Healthcare
Education and training	
Dates	<u>2010-2017</u>
Title of qualification awarded	PhD in medicine "The contribution of CT examination in abdominal fat assessment", Magna cum laude
Principal subjects/occupational skills covered	- Computing abdominal fat Hounsfield unit reference intervals using an indirect Hoffmann technique - Developed a semi-automated method for abdominal fat quantification using ImageJ and MATLAB
Name and type of organization providing education and training	Tg. Mures University of Medicine and Pharmacy, Tg. Mures Doctoral School
Dates	<u>2013- 2014</u>
Title of qualification awarded	Master of Science- Health Care Management

	Disertation title "The need of improvement in the financing model of Radiology and Medical Imaging Laboratories"
Principal subjects/occupational skills covered	- Advanced study in healthcare - Public health, strategic management, HR management
Name and type of organization providing education and training	Tg. Mures University of Medicine and Pharmacy, Medical faculty
Dates	<u>1995-2001</u>
Title of qualification awarded	Medical Doctor
Principal subjects/occupational skills covered	- Medicine- 6 years - Basic sciences, Clinical Sciences
Name and type of organization providing education and training	Tg. Mures University of Medicine and Pharmacy, Medical faculty

Personal skills and competences

Mother tongue **Romanian**

Other languages

Self-assessment

European level ()*

English

French

	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
French	B2	B2	B2	B2	B1

(*) [Common European Framework of Reference for Languages](#)

Organizational skills and competences	Good managerial skills. Certified Project Manager.
Computer skills and competences	Excellent computer skills. Experienced Office user. Certified computer operator.
Others	Prizes/Grants 2022, Winner of American Austrian Foundation Research Observership, Diagnostic Radiology, Graz, AT 2021, UEFISCDI winner of prize for article "Secular Trends in Height, Body Mass and Mean Menarche Age in Romanian Children and Adolescents, 1936-2016"- -III-P1-1.1-PRECISI2021-60960 2021 Winner of Open Medical Institute Observership in Radiology, Medical University of Vienna 2019, Winner of Researcher mobility project- PN-III-P1-1.1-MC-2019-0081, Executive Unit for Financing Higher Education, Research, Development and Innovation (UEFISCDI) 2018, Winner of Researcher mobility project- PN-III-P1-1.1-MC-2018-0294, Executive Unit for Financing Higher Education, Research, Development and Innovation (UEFISCDI) 2018, UEFISCDI winner of prize for article Prenatal diagnoses of an uncommon isolated obstructed supracardiac total anomalous pulmonary venous connection: Case report and review of the literature (CARE compliant), PN-III-P1-1.1-PRECISI-2017-18766 2017, Winner of Researcher mobility project- PN-III-P1-1.1-MC-2017-4064, Executive Unit for Financing Higher Education, Research, Development and Innovation (UEFISCDI) 2017, Travel grant, European Association of Cardiovascular Imaging, EuroCMR, Prague 2014, Fellow of the European Society of Cardiac Radiology/ ESOR- Exchange Programme for Cardiac Radiology, Southampton 2014, Winner of Tg. Mures University of Medicine and Pharmacy Research Grant competition 2013, Winner of the European Society of Radiology Teach the Teachers programme- Abdominal Imaging, Szeged 2002, 1st prize- National Students' and Young Doctors Congress, Tg. Mures 1998, 2nd prize- MEDIS- International Medical Students' Meeting, Timisoara Elected offices Member of the Senate of the University of Medicine, Pharmacy, Sciences and Technologies of Tirgu Mures (2024-2029)

Member of the English Medicine Faculty Council (2024-2029)
Member of the ME2 Department (2024-2029)
Member of National Committee for the Romanian Society of Radiology and Medical Imaging (2017-present)
Councilor of Mures County Medical College (2020- present)
Censor of the Mures County Medical College (dec. 2015- 2020)
Member of Emergency Institute for Cardiovascular Diseases and Transplant Ethics Committee (2015-2018)
President of the Alumni Association- UMF Tirgu Mures (2014-present)
Secretary of the Mures County Medical College (dec. 2011- dec. 2013)
President of Students' Council of the University of Medicine and Pharmacy of Tg. Mures (2001)

EU project experience

2020: Statistical data manager, „Totul pentru inima ta-Program de screening pentru identificarea pacientilor cu factori de risc cardiovascular”, POCU/805/4/9/137424
2018: Team member, “Excelență prin internaționalizare la Universitatea de Medicină și Farmacie din Tirgu Mureș”, CNFIS-FDI-2018-0195
2015: Physician training Long term expert- Radiology and Medical Imaging, "Competitivitate pentru inima copiilor: cardiologie și chirurgie cardiovasculară pediatrică - CORDISPED". POSDRU ID 151188
2012: Secretary of the Project “TIC -Instrument de lucru pentru personalul din sectorul sănătății.” POSDRU ID: 58994

Certifications

2020 EACVI Cardiac CT Level III certification
2019 European Board of Cardiovascular Radiology
2015 SCMR Level II

Affiliation

European Society of Cardiovascular Radiology
Society for Cardiac Magnetic Resonance
European Society of Radiology
European Association of Cardiovascular Imaging
Romanian Society of Radiology and Medical Imaging
Romanian Pediatric Radiology Working Group
Medical College of Physicians

Courses/Trainings (lecturer):

2023, InSide, Innovation in Radiology
2023, CordX Masterclass, MRI Assessment of Morphological Complications of Myocardial Infarction
2023, SRIMR Conference, Coronary Anatomy
2023, SideMed, RadioCord- Vascular diseases imaging
2022, CordX Masterclass, New imaging methods for the assessment of cardiovascular patients
2021, SideMed, RadioCord- Ischaemic heart imaging (MRI)
2020, SideMed, RadioCord- Basic cardiovascular imaging
2019, Tg. Mures, Modern Trends in Treatment of Cardio-vascular Disease conference, The role of high performance examinations in the evaluation of conotruncal congenital malformations
2019, Covasna: Adrenal diseases imaging. What the endocrinologist needs to know
2019, Tg. Mures, Postgraduate course: Endocrine diseases imaging- Imaging of cardiovascular aspects on endocrine diseases
2019, Tg. Mures, Postgraduate course: Endocrine diseases imaging- Osteoporosis
2018, Tg.Mures, Artificial intelligence in cardiovascular imaging (IuBCvT Conference)
2018, Tg. Mures, RVOT- imaging perspective (IuBCvT 45years)
2017, Tg. Mures, Modern techniques for myocardial tissue characterization (IuBCvT Conference)
2017, Tg. Mures, Postgraduate course: Imaging of cardiovascular pediatric diseases
2016, Tg. Mures, Postgraduate course: High performance imaging examinations for cardiac patient
2015, Tg. Mures, Radiological diagnosis of pneumoconiosis- Chest X-ray Anatomy
2015, Tg. Mures, Radiological diagnosis of pneumoconiosis- Chest CT Anatomy
2015, UMF Tg. Mures, Pediatric cardiovascular radio-imaging course
2015, UMF Tg. Mures, Postgraduate course: CT&MR Cardiovascular imaging
2014, UMF Tg. Mures, Postgraduate course: Endocrine disease imaging- Adrenal imaging
2014, SRMM, Precongress course: Thoracic occupational diseases- imaging aspects (2015 Work Medicine National Society's Congress)



Courses/Trainings (participant):

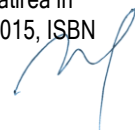
2021, Maastricht University OMIinar in Public Health Law 2021
2020, Maastricht University OMIinar in Economic Evaluation in Healthcare 2020
2019, Graz, European School of Radiology: ESOR Graz Tutorial
2019, Salzburg: Weill Cornell Seminar "Diagnostic Imaging"
2019, Bucharest, Training of excellence in the field of uro-oncology
2018, Eforie Nord, „Imaging updates: from radioprotection, to contrast media, pitfalls and mistakes“
2018, London, Summer school: Introduction to Statistical Thinking and Data Analysis
2018, Sibiu, International Summer School on Imaging for Medical Applications
2018, Bucharest, Hereditary Cardiac diseases
2018, Bucharest, Whole-Body MRI
2017, Milan: Cardiac MR: introduction in the alphabet of sequences, acquisition and analysis
2017, Salzburg: Weill Cornell Seminar "Diagnostic Imaging"
2016, Tirgu Mures: Cardiovascular disease diagnostic and treatment update
2016, Cluj Napoca, ESPR's Essentials in Pediatric Radiology- a training project for central(former Eastern) Europe
2016, Tirgu Mures: Pulmonary Hypertension Teaching Course
2015, Timisoara: Emergency Radiology- pre-congress Course (XXth SRIM Congress)
2015, Eforie Nord: Diagnostic and interventional MRI in oncologic pathology
2015, Bucuresti- Fundeni Clinical Institute/Romanian Medical Academy: Radiology Training Course for Organ Transplant
2015, Tirgu Mures: Cardiac Imaging pre-congress Course (XV-th Conference of Cardiology)
2015, Bucuresti: GALEN Advanced Course on Cardio-Thoracic Cross-Sectional Imaging
2015, Sibiu: Coronary CT Angiography Course
2015, Tirgu Mures: Radioprotection in diagnostic and interventional radiology
2014, Society for Cardiac Magnetic Resonance- SCMR Hypertrophic Cardiomyopathy Course
2014, Southampton- UHS&OUH Regional network congenital cardiac study day
2014, London- Bayer Healthcare's An Update in Clinical Cardiovascular MRI
2014, Society for Cardiac Magnetic Resonance- Introductory online course in CMR
2014, John Hopkins University/Coursera.org- Statistical Reasoning for Public Health: Estimation, Inference, & Interpretation
2013, Predeal, Winter School on Radiology and Medical Imaging
2013, Quintiles.com- Introduction to Clinical Drug Development Process: ICH/FDA Good Clinical Practice for Clinical Trial Sites
2013, Tirgu Mures, Pneumologie- Modul integrat
2013, Fundata- Cheile Gradistei, Summer school on Radiology and Medical Imaging
2012, Brasov- Brain aging training- new medical technologies
2012, Tirgu Mures- Medical management- CME
2011, Timisoara- Imaging in sport musculoskeletal pathology
2010, Iasi- Radioprotection in diagnostic and interventional radiology
2009, Tirgu Mures- Organ donor communication
2009, Reghin- Respiratory pathology update
2008, Sibiu- Postgraduate course on general echography
2007, Tirgu Mures- Radioprotection in diagnostic practice
2006, Tirgu Mures- Cardiovascular disease diagnostic and treatment update

Books:

1. Atlas de tomografie computerizată cardiovasculară- Patologie coronariană, Editura Stef, Iasi, 2023, ISBN 978-606-028-943-2, cod CNCIS 88
2. Atlas de tomografie computerizată cardiovasculară- Patologie conotruncala, Editura Stef, Iasi, 2023, ISBN 978-606-028-944-9, cod CNCIS 88
3. Aplicatii informatice si statistice in evaluarea grasimii abdominale, Editura Stef, Iasi, 2017, 72 pg., ISBN 978-606-575-881-0, cod CNCIS 88
4. Exercitii practice de Informatica Medicala, CD, 2017, 47 pg., ISBN 978-973- 0-26143- 1

Books chapters:

1. Imaging in neonatal congenital heart disease, in "Patologie cardiocirculatorie neonatala", sub coordonarea Conf. Dr. Manuela Cucerea, University Press Tirgu Mures, 2016, ISBN 978-973-169-467-2
2. Arterial hypertension imaging in infants, neonates and teenagers, in "Radiologie Imagistica Medicala- Indrumator de studiu pentru pregatirea in specialitate", sub redactia Prof. Dr. Sorin M. Duda, Editura Medicala Bucuresti, 2015, ISBN 978-973-39-0799-2
3. Myocarditis, in "Radiologie Imagistica Medicala- Indrumator de studiu pentru pregatirea in specialitate", sub redactia Prof. Dr. Sorin M. Duda, Editura Medicala Bucuresti, 2015, ISBN 978-973-39-0799-2



4. Rheumatic heart disease, in "Radiologie Imagistica Medicala- Indrumator de studiu pentru pregatirea in specialitate", sub redactia Prof. Dr. Sorin M. Duda, Editura Medicala Bucuresti, 2015, ISBN 978-973-39-0799-2
5. Adrenal Pathology, in Radioimaging in pathology endocrine, Maria Daniela Podeanu, Ionela Pascanu, ..., **Marian Pop**, Tirgu Mures, 2014, ISBN: 978-973-0-16406-0.

Papers (ISI)- w/ IF:

1. Cucoranu D, **Pop M**, Niculescu R, et al. (June 30, 2023) The Association of Nonalcoholic Fatty Liver Disease With Neutrophil-to-Lymphocyte Ratio and Neutrophil-Percentage-to-Albumin Ratio. *Cureus* 15(6): e41197. doi:10.7759/cureus.41197
2. **Pop M**, Mărușteru M. Fat Hounsfield Unit Reference Interval Derived through an Indirect Method. *Diagnostics*. 2023; 13(11):1913. <https://doi.org/10.3390/diagnostics13111913>
3. Varga A, Moldovan DA, **Pop M**, Benedek I, Kövecsi A, Dumbrava RA, Iancu DG, Cristescu L, Huma L, Tilea I. FIP1L1-PDGFRα-Positive Loeffler Endocarditis—A Distinct Cause of Heart Failure in a Young Male: The Role of Multimodal Diagnostic Tools. *Diagnostics*. 2023; 13(10):1795. <https://doi.org/10.3390/diagnostics13101795>
4. Cucoranu DC, **Pop M**, Niculescu R, Vunvulea V, Kosovski I-B, Togănel R-O, Russu E, Mureșan AV, Licu R-A, Bacărea A. Correlation between CT Abdominal Anthropometric Measurements and Liver Density in Individuals with Non-Alcoholic Fatty Liver Disease. *Medicina*. 2023; 59(3):500. <https://doi.org/10.3390/medicina59030500>
5. **Pop M.**, Pop R-M, On the relationship between CT measured abdominal fat parameters and three metabolic risk biomarkers, *Revista Romana de Medicina de Laborator*, 2023; 31(1), <https://doi.org/10.2478/rrlm-2023-0005>, ISSN: 2284-5623
6. 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. <https://doi.org/10.3390/jcm12010226>, ISSN: 2077-0383
7. Făgărășan, A., Gozar, L., Ghiragosian, S. R., Murariu, M., **Pop, M.**, Crauciuc, A., Miclea, D., & Șuteu, C. C., Severe early-onset manifestations of generalized arterial calcification of infancy (mimicking severe coarctation of the aorta) with ABCC6 gene variant - Case report and literature review. *Front Cardiovasc Med*. 2022;9:1032519, doi:10.3389/fcvm.2022.1032519, ISSN: 2297-055X
8. Budeanu RG, Broemmer C, Budeanu AR, **Pop M**. Comparing the Diagnostic Performance of ECG Gated versus Non-Gated CT Angiography in Ascending Aortic Dissection: A GRRAS Study. *Tomography*. 2022; 8(5):2426-2434. <https://doi.org/10.3390/tomography8050201>, ISSN: 2379-139X
9. Kakucs Z, Heidenhoffer E, **Pop M**. Detection of Coronary Artery and Aortic Arch Anomalies in Patients with Tetralogy of Fallot Using CT Angiography. *Journal of Clinical Medicine*. 2022; 11(19):5500. <https://doi.org/10.3390/jcm11195500>, ISSN: 2077-0383
10. 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. <https://doi.org/10.3390/diagnostics12092157>, ISSN: 2075-4418, (joint 1st authorship)
11. Einstein A, Hirschfeld C, Williams M, et al. (investigators group) Worldwide Disparities in Recovery of Cardiac Testing 1 Year Into COVID-19. *J Am Coll Cardiol*. 2022 May, 79 (20) 2001-2017, <https://doi.org/10.1016/j.jacc.2022.03.348>, ISSN: 0735-1097
12. **Pop M**. Reply to Nyman, U.; Aspelin, P. Regarding Iodixanol for Pediatric CTA. Comment on "Pop, M. Cardiothoracic CTA in Infants Referred for Aortic Arch Evaluation—Retrospective Comparison of Iomeprol 350, Ioversol 350, Iopromide 370 and Iodixanol 320. *Children* 2021, 8, 949". *Children*. 2022; 9(5):709. <https://doi.org/10.3390/children9050709> 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; <https://doi.org/10.3390/children8110949>, ISSN: 2227-9067
13. **Pop M**, Pal K, Vaga D. Absence of Both Right and Left Main Coronary in a COVID Survivor. *Diagnostics*. 2021; 11(7):1199. <https://doi.org/10.3390/diagnostics11071199>, ISSN: 2075-4418,
14. Varga A, Tilea I, Tatar CM, Iancu DG, Jiga MA, Dumbrava RA, **Pop M**, Suci H. Native Aortic Valve Endocarditis Complicated by Splenic Infarction and Giant Mitral-Aortic Intervalvular Fibrosa Pseudoaneurysm—A Case Report and Brief Review of the Literature. *Diagnostics*. 2021; 11(2):251. <https://doi.org/10.3390/diagnostics11020251>, ISSN: 2075-4418,
15. Pop R-M, Tenenbaum A, **Pop M**. Secular Trends in Height, Body Mass and Mean Menarche Age in Romanian Children and Adolescents, 1936-2016. *International Journal of Environmental Research and Public Health*. 2021; 18(2):490. <https://doi.org/10.3390/ijerph18020490>, ISSN 1660-4601
16. C. Banceu, S. Gurzu, M. Harpa, K. Brinzaniuc, M. Ispas, V. Bud, J. Kovacs, **M. Pop**, M. Ciorba, H.A. Hessein, H. Suci, "Therapeutic Management of Trauma-related Acute

Pancreatitis in a Heart Transplant Recipient". Revista de Chimie, vol. 70, no. 9, pp. 3100-3102, 2019. [online]. <https://doi.org/10.37358/RC.19.9.7496>, ISSN: 2668-8212

17. Muntean I, Mărginean C, Stanca R, Togănel R, **Pop M**, Gozar L. Prenatal diagnoses of an uncommon isolated obstructed supracardiac total anomalous pulmonary venous connection: Case report and review of the literature (CARE compliant). Medicine (Baltimore). 2017;96(5):e6061. doi:10.1097/MD.00000000000006061, ISSN: 1536-5964
18. Metabolic disturbances in abdominal obesity, Pop Raluca, Romila Aurelia, **Pop Marian**, Bacărea Anca, Acta Medica Mediterranea, 2016, 32: 1821 doi: 10.19193/0393-6384_2016_6_169, ISSN 0393-6384,
19. **Pop M**, Suciuc BA. Chronic impalement- Case report of a knitting needle 33 years' ascension. J Cardiothorac Surg. 2016;11(1):112. doi:10.1186/s13019-016-0511-2, ISSN: 1749-8090
20. Raluca-Monica Pop, **Marian Pop**, Grigore Aloizu Dogaru, Vladimir C. Bacarea, A Web-based Nutritional Assessment Tool, Studies in Informatics and Control, vol. 22 (3), pp. 307-314, 2013, doi: <https://doi.org/10.24846/v22i3y201307>, ISSN 1220-1766

Papers (ISI)- w/o IF

1. **M. Pop**, R. G. Budeanu, I. Plamadiala and R. -C. Puchianu, "3D Printing for Improved Congenital Cardiovascular Pre-Procedural Assessment," 2022 E-Health and Bioengineering Conference (EHB), Iasi, Romania, 2022, pp. 1-6, doi: 10.1109/EHB55594.2022.9991483.
2. A Particular Infantile Scimitar Syndrome Variant with Anomalous Systemic Arterial Supply- Inferior Vena Cava Fistula, Carmen Corina Șuteu*, Cristina Blesneac, **Marian Pop***, Amalia Făgărășan, Liliana Gozar, Rodica Togănel, Journal of Cardiovascular Emergencies 2021;7(1):17-21
3. Critical Neonatal Congenital Heart Disease - a Rare Complication after Successful Surgical Correction, Carmen Corina Șuteu , Iolanda Muntean, Cristina Blesneac, **Marian Pop**, Rodica Togănel, Journal of Cardiovascular Emergencies 2020;6(4):104-108, <https://doi.org/10.2478/jce-2020-0019>
4. **Marian Pop**, Raluca-Monica Pop, Grigore Aloizu Dogaru, Obesity Assessment Using ImageJ and Matlab Processed Routine Abdominal Computed Tomography Data, EITM Proc., vol. 5, pp 1187-1192, 2013

Papers (B+/BDI):

1. DC Cucoranu, **M Pop**, R Niculescu, IB Kosovski, RO Toganel, RA Licu, A Bacarea, Correlation between Coronary Artery Disease and Non-Alcoholic Fatty Liver Disease Using Computed Tomography Coronary Calcium Scans, Curr Health Sci J, vol. 49, no. 2, 2023, <https://www.chsjournal.org/article/49/2/13/>
2. László Hadadi, Roxana Toma, **Marian Pop**, Cristina Blesneac, Anca Ioana Sglimbea, Interventional management of acute thrombosis of the modified Blalock-Taussig shunt in a case of tricuspid atresia, <https://doi.org/10.2478/rjc-2023-0005>
3. Zsofia Kakucs, **Marian Pop**, Cardiac magnetic resonance for heart transplant patients. Medic.ro. 2022;145(1):38-42
4. Pirocska Csörgő, Alexandra Martin-Stoica, Liviu Moraru, **Marian Pop**, Rolul examinării angio-CT cardiotoracice în evaluarea pre- și postoperatorie a procedurii Bentall, Medic.ro. 2021;143(5):12-15
5. Daniela Toma, Dorottya-Anna Miklosi, Anca Sglimbea, Laszlo Hadadi, **Marian Pop**, Andreea Cerghit-Paler, Amalia Fagarasan, Rodica Toganel, Liliana Gozar, Successful percutaneous stenting of coarctation of the aorta in Turner syndrome - a case report and literature review, Ro J Pediatr. 2021;70(3), 10.37897/RJP.2021.3.6
6. Gîdea R, Toma D, **Pop M**. New imaging methods in assessing the pediatric patient with suspected myocarditis. Medic.ro. 2021;141(3):42-44.
7. Mihai G, Pop RM, **Pop M**. The importance of vertebral fracture assessment in postmenopausal patients with osteopenia. Medic.ro. 2021;140(2):10-13
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