

# SEYED ARASH MAHDAVI ANARI

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<b>EDUCATION</b>	<b>Shahid Beheshti University of Medical Sciences</b> Tehran, Iran Doctor of Medicine	2005-2012
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<b>POSTGRADUATE TRAINING</b>	<b>Shahid Sadoughi University of Medical Sciences</b> Yazd, Iran Radiology Residency	2012-2016
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<b>PROFESSIONAL TRAINING</b>	<b>Intelligence. Innovation. Imaging. The perfect Vision of AI, ESOR, Barcelona</b> (virtual), Spain, April 5-6 2019  <b>9<sup>th</sup> ESUR Prostate MRI Teaching Course</b> , Rome, Italy, May 24-25 2019  <b>European Society of Oncologic Imaging</b> , 2018 Webinar Certification  <b>Cardiovascular CT Workshop</b> , Isfahan University of Medical Sciences, Isfahan, 2018	
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<b>WORK EXPERIENCES</b>	<b>Research Scholar</b> , Department of Radiology, University of Washington, Seattle, Washington	2022- Present
	<b>Assistant Professor of Radiology</b> , Modarres Hospital, Shahid Beheshti University of Medical Sciences; Tehran, Iran	2017-2021
	<b>Consultant Radiologist</b> , Tooska Imaging Center, Tehran, Iran	2016- Present
	<b>Consultant Radiologist</b> , Salamat Farda Hospital, Tehran, Iran	2020- Present

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<b>ACADEMIC EXPERIENCES</b>	<i>University of Washington, Seattle, Washington</i>	
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**Research Scholar, Department of Radiology** 2022-  
• *Doing Research in the Field of Radiology* Present

*Shahid Beheshti University of Medical Sciences, Tehran,  
Iran*

**Educational Vice-chairman, Department of Radiology,** 2019-2021  
Modarres Hospital, Tehran, Iran

- Management of residents' educational program
- Leading weekly journal clubs
- Moderating weekly case presentations by radiology residents
- Arrangement of residents' rotation and monthly exams in collaboration with other university hospitals educational vice-chairmen

**Quality Improvement Project Manager, Department of** 2018-2021  
Radiology, Shahid Beheshti University of Medical  
Sciences:

Management of quality improvement projects in Radiology departments of all of the educational hospitals at Shahid Beheshti University of Medical Sciences

**Assistant Professor, Department of Radiology, Modarres** 2017-2021  
Hospital

- Teaching radiology residents including:
  - Basic physics of MRI
  - Abdominal CT scan in acute abdomen
  - Body MRI case presentation
  - Basic principles of Oncologic Imaging
- Conducting monthly classes for third- and fourth-year medical students in Nephrology and Urology rotations
- Revising medical students' study-guides of Urology and Nephrology
- Teaching nursing, midwifery and Operating Room technician students including:
  - Ultrasound imaging in OB/GYN
  - Basics of CT scan and MRI

- Indications and hazards of using contrast in CT scan

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**HONORS AND AWARDS**

**4<sup>th</sup> place, National Board Examination of Radiology**

- Ranked as 4<sup>th</sup> place among more than 150 Radiologists

**176<sup>th</sup> place, National Residency Program Entrance Examination**

- Matched in Radiology residency among more than 15000 physicians competing for all residencies.

**4<sup>th</sup> place, Fourth National Medical Olympiad for Medical Students**

- In the major of Clinical Sciences, Olympiad Topic: Oncology

**8<sup>th</sup> place, Third National Medical Olympiad for Medical Students**

- In the major of Clinical Sciences, Olympiad Topic: Outpatient Medicine

**12<sup>th</sup> Place, National Comprehensive Examination of Pre-internship**

- Competed against 3000 Medical Student Participants

**151<sup>th</sup> place, National University Entrance Exam**

- Competed against 500,000 Participants, obtained full scholarship for medical school

**1<sup>st</sup> place, Fifth Mathematics Olympiad of Middle Schools**

- Competed against all middle school students in Yazd province

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**BOARD CERTIFICATION**

Iranian Board of Radiology

2016

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**PROFESSIONAL MEMBERSHIPS**

European Society of Urogenital Radiology (ESUR)

Since 2019

European Society of Oncologic Imaging (ESOI)

Since 2018

Iranian Society of Radiology (ISR)

Since 2016

Radiologic Society of North America (RSNA)	Since 2013
European Society of Radiology (ESR)	Since 2013
Islamic Republic of Iran Medical Council (IRIMC)	Since 2012
National Organization for Developing Exceptional Talents (NODET)	Since 2000

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<b>SPECIAL NATIONAL RESPONSIBILITIES</b>	<b>Member of Committee:</b> Iranian Society of Radiology COVID-19 Consultant Group (ISRCC), Creating educational videos and imaging protocols, consultation response team and interaction with societies of other medical specialties after COVID-19 pandemic, under guidance of Iranian Society of Radiology	2020
	<b>Executive Secretary,</b> Annual CME Congress of Radiology Department, Shahid Beheshti University of Medical Sciences (SBMU)	Jan 9-11, 2019
	<b>Scientific Secretary,</b> Annual CME Congress of Radiology Department, Shahid Beheshti University of Medical Sciences (SBMU)	Jan 10, 2019
	<b>Member of Committee:</b> Developing Appropriateness Criteria for Imaging, Under Supervision of Iranian Society of Radiology (ISR)	2019

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<b>EDITORIAL RESPONSIBILITIES</b>	<b>Reviewer,</b> European Radiology	2021-Present
	<b>Reviewer,</b> Academic Radiology	2020-Present
	<b>Reviewer,</b> Iranian Journal of Radiology	2018-Present

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<b>PUBLICATIONS</b>	1) Khalilian MR, Mollatayefeh A, Tahouri T, <b>Mahdavi A</b> , Dalirani R. Anatomical Findings of Renal and Urological Abnormalities in Cardiac Catheterization of Children with Congenital Heart Disease – A Single Center Experience. Qatar Med J. 2021 Oct 19;2021(3):54.
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- 2) Rezaeijo SM, Hashemi B, Mofid B, Bakhshandeh M, **Mahdavi A**, Hashemi MS. The Feasibility of a Dose Painting Procedure to Treat Prostate Cancer Based on MPMRI Images and Hierarchical Clustering. *Radiat Oncol.* 2021 Sep 20;16(1):182.
- 3) Davarpanah AH, Asgari R, Moharamzad Y, **Mahdavi A**, Abrishami A, Nekooghadam SM, et al. Risk Factors for Poor Outcome in Patients with Severe Viral Pneumonia on Chest CT during the COVID-19 Outbreak: a Perspective from Iran. *SN Compr Clin Med.* 2020 Sep;2:1366-1376.
- 4) Sabri A, Davarpanah AH, **Mahdavi A**, Abrishami A, Khazaei M, Heydari S, et al. Novel Coronavirus Disease 2019: Predicting Prognosis by Using a Computed Tomography Severity Score and Clinicolaboratory Data. *Pol Arch Intern Med.* 2020 Aug;130(7-8):629-634.
- 5) Khazaei M, **Mahdavi A**, Mahboubi-Fooladi Z, Moharamzad Y, Asgari R, Zarei E, et al. Chest CT Imaging Spectrum of Coronavirus Disease 2019 (COVID-19) Pneumonia: A Pictorial Essay. *Iran J Radiol.* 2020 May 18. [Epub ahead of print]
- 6) Mahdavi A, Haseli S, **Mahdavi A**, Bakhshayeshkaram M, Foroumandi M, Nekooghadam SM, et al. The Role of Repeat Chest CT Scan in the COVID-19 Pandemic. *Acad Radiol.* 2020 Jul;27(7):1049-50.
- 7) Davarpanah AH, **Mahdavi A**, Sabri A, Langroudi TF, Kahkouee S, Haseli S, et al. Novel Screening and Triage Strategy in Iran During Deadly Coronavirus Disease 2019 (COVID-19) Epidemic: Value of Humanitarian Teleconsultation Service. *J Am Coll Radiol.* 2020 Jun; 17(6):734-38.
- 8) Sabri A, Taheri MS, **Mahdavi A**, Dobranowski J. A 63-year-old Man Treated for Coronavirus Disease 2019. *Pol Arch Intern Med.* 2020 Apr;130(4):324-25.
- 9) **Mahdavi A**, Khalili N, Davarpanah AH, Faghihi T, Mahdavi A, Haseli S, et al. Radiologic Management of COVID-19: Preliminary Experience of the Iranian Society of Radiology COVID-19 Consultant Group (ISRCC). *Iran J Radiol.* 2020 Apr;17(2):e102324.
- 10) Abdollahi H, Mofid B, Shiri I, Razzaghdoost A, Saadipoor A, **Mahdavi A**, et al. Machine Learning-based Radiomic Models to Predict Intensity-modulated Radiation Therapy Response, Gleason Score and Stage in Prostate Cancer. *Radiol Med.* 2019 Jun.124(6):555-67.

- 11) Saadipoor A, Razzaghdoust A, Simforoosh N, **Mahdavi A**, Bakhshandeh M, Moghadam M, et al. Randomized, Double-blind, Placebo-controlled Phase II Trial of Nanocurcumin in Prostate Cancer Patients Undergoing Radiotherapy. *Phytother Res.* 2019 Feb;33(2):370-78.
- 12) **Mahdavi A**, Mohammadzadeh A, Joodi G, Tabatabaei MR, Sheikholeslami F, Motevalli M. Diagnostic Accuracy of Dual-source CT Coronary Angiography in Symptomatic Patients Presenting to a Referral Cardiovascular Center During Daily Clinical Practice. *Iran J Radiol.* 2016 Apr;13(2):e24350.
- 13) Mahdavi A, Azar R, Haghghat Shoar M, Hooshmand S, **Mahdavi A**, Hadizadeh Kharrazi H. Functional MRI in Clinical Practice: Assessment of Language and Motor for Pre-Surgical Planning. *Neuroradiol J.* 2015 Oct;28(5):468-73.
- 14) Mahdavi A, Houshmand S, Oghabian MA, Zarei M, **Mahdavi A**, Haghghat Shoar M, et al. Developing Optimized fMRI Protocol for Clinical Use: Comparison of Different Language Paradigms. *J Magn Reson Imaging.* 2011 Aug;34(2):413-19.

INVITED LECTURES		
	<b>“Rectal Cancer Panel”</b> , 5 <sup>th</sup> International Clinical Oncology Congress – Young Oncologist Section	Jan 14, 2021
	<b>“Imaging of Renal Parenchymal Disease: A Pattern-Based Approach”</b> , 36 <sup>th</sup> Iranian Congress of Radiology, Tehran, Iran	Nov 3, 2020
	<b>“Dose Reduction Strategies in Chest Imaging”</b> , 36 <sup>th</sup> Iranian Congress of Radiology, Tehran, Iran	Nov 3, 2020
	<b>“Role of MRI in Staging of Bladder Cancer”</b> , 23 <sup>rd</sup> Congress of Iranian Urological Association (Webinar)	Aug 28, 2020
	<b>“Role of Imaging in Diagnosing, Staging, and Recurrence of Renal Cell Carcinoma”</b> , National Renal Cancer Symposium, Tehran, Iran	Jul 18, 2019
	<b>“Coronary Arteries Anatomy and Anomalies”</b> , 35 <sup>th</sup> Iranian Congress of Radiology, Tehran, Iran	Apr 23-26, 2019

<b>“Role of Biopsy is Small Renal Mass, an Update”</b> , 35 <sup>th</sup> Iranian Congress of Radiology, Tehran, Iran	Apr 23-26, 2019
<b>“Structured Reporting in Prostate Cancer”</b> , Annual CME Congress of Radiology Department, Shahid Beheshti University of Medical Sciences (SBMU), Tehran, Iran	Jan 9-11, 2019
<b>“Diagnosis and Management of Post-Catheterization Vascular Complications”</b> , Annual CME Congress of Radiology Department, Shahid Beheshti University of Medical Sciences (SBMU), Tehran, Iran	Jan 9-11, 2019
<b>“The Role of Imaging in the Detection of Prostate Cancer Recurrence”</b> , National Prostate Cancer Symposium, Tehran, Iran	Dec 6, 2018

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<b>POSTER PRESENTATIONS</b>	<b>Mahdavi A</b> , Fallah A. The Forgotten University, 43 <sup>rd</sup> Congress of the International Society for the History of Medicine, Padua-Abano Terme, Italy	Sep 12-16, 2012
	Mahdavi A, <b>Mahdavi A</b> . Iatrogenic Bladder Calculus in a Child Presenting with Recurrent UTI. 21 <sup>st</sup> European Students' Conference, Berlin, Germany	Oct 14-17, 2010
	Baradaran N, Ahmadi H, <b>Mahdavi A</b> , Mahdavi A: Functional MRI in Localization of Language and Motor Centers. 15 <sup>th</sup> International Students Congress of Medical Sciences, Groningen, the Netherlands	Jun 9-11, 2008

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<b>LANGUAGES</b>	<b>English:</b> Professional working proficiency
	<b>Farsi:</b> Native language

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<b>INTERESTS AND HOBBIES</b>	Watching and playing Soccer and Tennis, Reading (history and psychiatry)
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