Academic C.V.
Jamil Abdolmohammadi
Associate Professor of Medical Education
Kurdistan University of Medical Sciences
Sanandaj IRAN
Updated September 2018

Personal Details: Name: Jamil Abdolmohammadi
D.O.B. 22 May 1986 (1 Khordad 1365)
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Kurdistan University of Medical Sciences, Medical School
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Academic Qualifications: Master of Science 2013 Medical Imaging
Shahid Beheshti University of Medical Sciences, Tehran -Iran
Bachelor of Science 2010 Shahid Beheshti University of Medical Sciences, Tehran -Iran

Positions and Work Experiences:
- Assistant Professor and Faculty Member, Kurdistan University of Medical Sciences 2014-present
- Head of Radiology Department, Paramedical College, Kurdistan University of Medical Sciences 2017-present
- Council of Kurdistan Radiographic Sciences Association 2016- Present
- Responsible for research committee of Paramedical College, Kurdistan University of Medical Sciences 2017-present
- MR expert of Shohada Hospital, Tehran – Iran 2008 – 2011
- MR expert of Moheb Hospital, Tehran – Iran 2010 – 2013
- MR expert of NOOR Imaging center, Qom – Iran 2011 – 2013
- Head of MRI Department of Kowsar Hospital, Sanandaj – Iran 2011 - 2013
- Radiology Technologist of Imam Hossein Hospital, Ilam – Iran 2012 – 2013

M.Sc. Thesis:
Determination of Intra-axial brain tumor before surgery, by T2 Relaxation Time and Apparent Diffusion Coefficient using MATLAB Software

Selected publications:
- Determination of intra-axial brain tumors cellularity through the analysis of T2 Relaxation time of brain tumors before surgery using MATLAB software
- Evaluation the FLAIR sensitivity and DWI post – inject in comparison with delayed enhancement T1w for better detection of active MS lesions
- The Optimization of Magnetic Resonance Imaging Pulse Sequences in Order to Better Detection of Multiple Sclerosis Plaques
- The role of single voxel MR Spectroscopy, T2 relaxation time and Apparent Diffusion Coefficient in determining the cellularity of brain tumors by MATLAB software
- A study of the relationship between gender/age and apparent diffusion coefficient values in spleen of healthy adults using diffusion-weighted magnetic resonance imaging

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- Diffusion Tensor Tractography can affect treatment strategy to remove brain occupying mass lesions
- Diffusion Tensor Tractography in the Presurgical Assessment of Cerebral Gliomas
- MRI IMAGING AND PANCREATIC DISEASES
- The role of Diffusion-Weighted Imaging in diagnosis of patellar chondromalacia
- The effects of Pyrus Biossieriana Bushe leaf extract on the cytotoxicity of tert-butyl hydroperoxide in HeLa cells
- Investigation of the frequency of meniscal ligament injuries and other abnormal knee injuries in the patients referring to MRI center of Shahid Ghazi Clinic in Sanandaj
- Measurement of Outdoor Background Dose Rate in Ilam Province

Research Interests:
- Magnetic Resonance Imaging (MRI)
- Image Processing
- Computed Tomography (CT)
- Neuroimaging (MS)
- Radiology Imaging
- Radiology Sciences

Professional Membership:
- Faculty member of Kurdistan university of medical science 2014 - present
- Member of Iranian Society of Radiology 2015- present
- Member of European Society of Radiology 2017- present
- Council of Kurdistan Society of Radiology 2016 – present

Attendance in workshops, conferences, and seminars

- Faculty member and invited speaker of Iranian Congress of Radiology (2010 - present), Tehran, Iran
- Educational seminars, clinical physics principles, techniques and applications of cardiovascular imaging MR, Saturday, Tehran- Iran December 18, 2010
- Application of contrast media in medical imaging, February 2-3, 2012
- Assessment the role MRI in determining the amount of iron overload in patients with thalassemia using MATLAB Software. (ESMRMB 2015. Edinburg/UK)
- " Presurgical determination of brain tumors consistency using MATLAB software by the analysis of T2 Relaxation time and apparent diffusion coefficient of tumoral tissues**.,** 14-17 May, 2013, 29th Iranian congress of radiology, Tehran, Iran (Oral presentation).
- The Optimization of Magnetic Resonance Imaging Pulse Sequences in Order to Better Detection of Multiple Sclerosis Plaques (ECR 2017)

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- Determination of intra-axial brain tumors cellularity through the analysis of T2 Relaxation time of brain tumors before surgery using MATLAB software (ECR 2017)
- Evaluation the FLAIR sensitivity and DWI post – inject in comparison with delayed enhancement T1w for better detection of active MS lesions (ECR 2017)
- Image Optimization in MRI, 14-17 May, 2018, 24th Iranian congress of radiology, Tehran, Iran (Workshop).
- Diffusion Tensor Tractography can affect treatment strategy to remove brain acouping mass lesions, 5-8 May, 2015, 31 St, Iranian congress of radiology, Tehran, Iran (Oral presentation).
- Evaluation of diagnostic value of Cardiac MRI in viability of heart myocardium, 5-8 May, 2015, 31 St, Iranian congress of radiology, Tehran, Iran (poster presentation).
- Safety Considerations for Magnetic Resonance Imaging (MRI) in the patients with pacemakers, 29th Iranian congress of radiology. 14-17 May, 2012, Olympic Hotel, Tehran, Iran (Oral presentation)
- Optimization of MRI pulse sequences in order to better detection of MS plaques, 28th Iranian congress of radiology. 15-18 May, 2012, Olympic Hotel, Tehran, Iran (Oral presentation)
- Coil types in MRI. 12th Iranian congress of radiographic science society. 15-18 May, 2014, Olympic Hotel, Tehran, Iran (Oral presentation)
- GRE the Basic. 11th Iranian congress of radiographic science society. 14-17 May, 2013, Olympic Hotel, Tehran, Iran (Oral presentation)
- Basic of physic and clinical application of MRI pulse sequences. 12th Iranian congress of radiographic science society. 5-8 May, 2015, Tehran, Iran (Oral presentation)

Key Skills:
- Siemens and GE MRI and CT Applications
- Computer & software knowledge
- MS Office
- Endnote
- MATLAB
- SPSS
- Teaching Experiences
- Medical Terminology
- Medical Ethics
- Clinical Research

Interests:
Poetry, Psychology, Iranian and Kurdish traditional music, documentaries on nature and wildlife, English, Persian and Kurdish literature and poetry, philosophy of science
Language: fluent in Farsi, Kurdish, English, and familiar with Arabic