

## *Curriculum Vitae*



**Dr Fariborz Faeghi**

**Date of Birth: Apr. 20 - 1965**

**Office Address:**

**Deputy for Educational Affair**

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### **Education:**

**Medical Physics, major in Medical Imaging, Ph.D.- 2000**

**Medical Physics, MSc, Tehran University of Medical Sciences, 1994**

**Radiology Technology, B.Sc., Iran University of Medical Sciences, 1990**

### **Courses and Certificates:**

- 1- Advanced course on Neuroimaging, fMRI & DTI analysis, Siena ,Italy, 2006**
- 2- Advanced Cardiovascular MR Imaging , Tübingen, Germany, 2007**

## **Positions Held:**

- 1- Vice Dean for Educational and Academic Affair**  
School of Allied Medical Sciences, Shahid Beheshti University of Medical Sciences,  
First of Darband Street, Tehran, Iran  
25, Jul. 2014, continued
- 2- Faculty member of Radiology Technology Department**  
School of Allied Medical Sciences, Shahid Beheshti University of Medical Sciences,  
First of Darband Street, Tehran, Iran  
From 23, Sep. 2007, continued
- 3- Head of Radiology Technology Department**  
School of Allied Medical Sciences, Shahid Beheshti University of Medical Sciences,  
First of Darband Street, Tehran, Iran  
From 15, Oct. 2012 to 29, Jan. 2017
- 4- Second Affiliation as Faculty member of Medical Physics and Engineering Dept.**  
School of Medicine, Shahid Beheshti University of Medical Sciences, Evin district  
Tehran, Iran.  
From 18, Aug., 2015
- 5- Member of the Expert Committee on Medical Imaging-Board of Trustees of Foreign  
Exchange Savings in Treating Patients**  
From 28 Jun. 2014 - Continued
- 6- Member of Students' Psychological Committee**  
School of Allied Medical Sciences, Shahid Beheshti University of Medical Sciences,  
First of Darband Street, Tehran, Iran  
From 8 Apr. 2015, Continued
- 7- Foreign Relations Representative,**  
School of Allied Medical Sciences, Shahid Beheshti University of Medical Sciences,  
First of Darband Street, Tehran, Iran  
From 27, Dec. 2015 - continued

## ***Memberships:***

- 1- Member of IOMP(International Organization of Medical Physicists)-since 2002***
- 2- Member of AAPM (American Association of Physicists in Medicine***

## ***Published research papers in English***

- 1- Samideh khoei , Mohsen shoja, Ahmad Mostaar , Fariborz Faeghi ,Effect of Resveratrol and Methoxyamine on the Radiosensitivity of Iodoeoxyuridine in U87MG Glioblastoma Cell Line, Experimental Biology and Medicine 2016;241;1229-1236**
- 2- A Kiani Nazarlou , F.Faeghi , M H Abdkarimi and M Asghari Jafarabadi , ADC Values in Diffusion-Weighted MRI and Their Relationship with Age, Gender and BMI in Healthy People's Pancreases, British Journal of Radiology 2016;241;1229-1236**
- 3- Samideh Khoei , Roghayeh Pourabdollahi , Ahmad Mostaar , Fariborz Faeghi , Methoxyamine Enhances 5-Fluorouracil-Induced Radiosensitization in Colon Cancer Cell Line HT29, Cell Journal (YAKHTEH) Volume 19,Number2, Summer 2017, Serial number 74**
- 4- Hamed Naghibi , Hedayatollah Soroush , Fariborz Faeghi , Majid Shakiba , Amirreza Farhoud , Hassan Hashemi, Comparison of Quantitative Assessment of BLADE, Isotropic Three -Dimensional Fast Spin Echo Cube (3D T2 SPACE) Sequences with Conventional MRI of Wrist Joint at 3 Tesla, Iran J Radiol. Inpress (Inpress); e37454, Sepember 2016**
- 5- S.M.R Aghamiri , S.M.J Mortazavi, Z.Razi , M.A.Mosleh-Shirazi , M.Baradaran-Ghahfarokhi , F.Rahmani and F. Faeghi , ULEXITE-GALEN INTERMEDIATE - WEIGHT CONCRETE AS A NOVEL DESIGN FOR OVERCOMING SPACE AND WEIGHT LIMITATIONS IN THE CONSTRUCTION OF EFFICIENT SHIELDS AGAINST NEUTRONS AND PHOTONS, Radiation Protection Dosimetry , 2012, pp1-6**

**6- H.Vafaeyan , S.A. Ebrahimzadeh , N.Rahimian , S.Karimi Alavijeh , A.Madadi , F.Faeghi , M.H. Harirchian , H.Saligheh Rad , Quantification of Diagnostic Biomarkers to Detect Multiple Sclerosis Lesions 1H-MRSI at 3T, Journal, Vol, No: Australasian Physical & Engineering Sciences in Medicine, November 2015,38:611-618**

**7- Mahsa Raisi-Nafchi , Fariborz Faeghi , Alireza Zali , Hamidreza Haghghatkhah and Jalal Jalal-Shokouhi , Preoperative Grading of Astrocytic Supratentorial Brain Tumors with Diffusion -Weighted Magnetic Resonance Imaging and Apparent Diffusion**

**Coefficient, Iran J radiol. 13 (3); e30426, july 2016**

**8- F.Pakniat , H.Mozdarani , B.Nasirian , F.Faeghi , Radio adaptive Response in Peripheral Blood Leukocytes of Occupationally Exposed Medical Staff with Investigation of DNA Damage By The Use of Neutral Comet Assay, International Journal of Radiation Research, April 2013, Vol 11, No 2**

**9- Fariborz Faeghi , Banafsheh Baniasadipour , Jalal Jalalshokouhi , Comparative Investigation of Single Voxel Magnetic Resonance Spectroscopy and Dynamic Contrast Enhancement MR Imaging in Differentiation of Benign and Malignant Breast Lesions in a Sample of Iranian Women, Asian Pacific Journal of Cancer Prevention, Vol 16, 2015**

**10- A.Shakeri-Boroujeni , H.Mozdarani , M.Mahmoudzadeh , F. Faeghi , Potent Radio protective Effect of Herbal Immunomodulator Drug (IMOD) on Mouse Bone Marrow Erythrocytes as Assayed with the Micronucleus Test, International Journal of Radiation Research, July 2016, Vol 14, No 3**

**11- Jamil Abdolmohammadi, Mohsen Shafiee, Fariborz Faeghi, Douman Arefan, Alireza Zali, Rouzbeh Motiei-Langroudi, Zahra Farshidfar, Ali Kiani Nazarlou , Ali Tavakkoli, Mohammad Yarham, Determination of Intra-Axial Brain Tumors Cellularity Through The Analysis of T2 Relaxation Time of Brain Tumors Before Surgery Using MATLAB Software, Electronic Physician (ISSN: 2008-5842), AUGUST 2016, Vol 8, Issue 8**

**12-: Elham Rabie , Fariborz Faeghi , Mohammad-Hossein Izadpanahi , Mohammad-Ali Dayani,, Role of Dynamic Contrast-Enhanced Magnetic Resonance Imaging in Staging of Bladder Cancer, J Clin Diagn Res, April 2016; 10 (4) ; TC01-5**

**13-: Davanian F , Faeghi F , Shahzadi S , Farshidfar Z, Evaluation of Diffusion Anisotropy and Diffusion Shape in Grading of Glial Tumors, Journal of Biomedical Physics & Engineering , 2016 /5 / 17**

**14- Rajabzadeh Baraee Kh , Faeghi F , Jalal Shokouhi J , Saeedi Ali , Comparison of Maximum Signal Intensity of Magnevist Contrast Agent in Modified T1 Weighted Spin Echo, T1 Weighted Fast Spin Echo and T1 Weighted Gradient Echo Sequences, Journal of Biomedical Physics & Engineering , 2016**

**15- Fatemeh Bidar , Fariborz Faeghi , Askar Ghorbani , Assessment of Cerebral Venous Sinus Thrombosis Using T2\*-Weighted Gradient Echo Magnetic Resonance Imaging Sequences, : Iranian Journal of Neurology, Vol 15, no 2, 3 April 2016**

**16- Zahra Farshidfar , Fariborz Faeghi , Mostafa Mohseni , Afsoun Seddighi , Homayoun Hadizadeh Kharrazi , Jamil Abdolmohammadi , Diffusion Tensor Tractography in The Presurgical Assessment of Cerebral Gliomas, The Neuroradiology Journal 27; 75-84, 2014**

**17- Naeji A , Mozdarani H , Shabestani Monfared, Faeghi F , Ahmadi A A , Gholami M , Behzadi R , Momtaz M R , , Oral Administration of Vitamin C, Cimetidine and Famotidine on Micronuclei Induced by Low Dose Radiation in Mouse Bone Marrow Cells, Journal of Biomedical Physics & Engineering**

**18- Ali Nahardani , Fariborz Faeghi , Hasan Hashemi , , Cardiac Diffusion -Weighted Imaging : From the Physics to Clinical Applications, Research Journal of Medical Sciences 10 (4); 374-393, 2016**

**19- Zeynab Yazdi Sotoodeh, Fariborz Faeghi , Jalal Jalalshokouhi , Jamil Abdolmohammadi , THE ROLE OF DIFFUSION-WEIGHTED IMAGING IN DIAGNOSIS OF PATELLAR CHONDROMALACIA, International Journal of Analytical, Pharmaceutical and Biomedical Sciences, Vol 3, ISSN: 2278-0246, ISSUE-5, November 2014**

**20- Golestan Karami , Mohammad Ali Oghabian , Fariborz Faeghi , Mohammad Rasoul Tohidnia, Effect of Phase-Encoding Reduction on Geometric Distortion and BOLD Signal Changes in fMRI , Iranian Journal of Medical Physics, Vol 9, No 4, Autumn 2012, 275-280**

**21- Naeema Navvabpour , Fariborz Faeghi , Mohamad Navabpour, Comparison of Metrezoate-Labeled Gallium Transmission with Different 50, 60 and 75% Concentrations in Malignant Lymphatic Cells, Journal of Paramedical Sciences (JPS), Vol 7, No 3, Summer 2016**

**22- Saberi Mahdiyeh , Faeghi Fariborz , Ghanaati Hossein , Miri Mojtaba , Rostamzadeh Ayoob , Khodakarim Soheila , Naleini Farhad , Grading of Glioma Tumors by Analysis of Minimum Apparent Diffusion Coefficient and Maximum Relative Cerebral Blood Volume, Caspian Journal of Neurological Sciences, March 2016, 2 (4): 42-53**

**23- Shabani Arash , Faeghi Fariborz , Rostamzadeh ayoob , Jalal-Shokouhi Jalal, The Utility of Diffusion Weighted Magnetic Resonance Imaging in Detection of the Origin of The Brain Solid Metastatic Tumors , Caspian Journal of Neurological Sciences, October 2015, 1 (3): 19-26**

**24- Reza Mohammadi , Fariborz Faeghi , Ayoob Rostamzadeh, Jalal Jalal Shokouhi, Doman Arefan ,Applications of Diffusion Weighted Imaging in Detection of Radiating Pain to Lower Extremities, J Bas Med Sci, 2 (3): 1-9, 2015**

**25- Fariborz Faeghi , Abdolnaser Rostami , Farzad Ashrafi , Hamid Reza Haghghatkah, N - acetylaspartate Metabolite Changes Associated with Cognitive Impairment in Parkinson's Disease, Multitemas, Vol 26, No 5m 2015, 127-131**

**26- Fariborz Faeghi , Mohsen Bakhshandeh , Abolfazl Moslemi , Morteza Sanei Taheri , Mohammad Hoshiyari, The Value of Pretreatment Apparent Diffusion in Predicting Response of GBM Tumors to Radiotherapy, International Journal of Review in Life Sciences, 5 (9), 2015, 992-995**

### **Supervising Thesis**

**Supervisor of more than 50 Thesis in the field of Medical Imaging Technology with emphasis on Magnetic Resonance Imaging.**