



CURRICULUM VITAE

Personal Data:

Full name: Kavous Firouznia

Birth date: 1965

Marriage status: Married

Nationality: Iranian

Address: Medical Imaging Center, Imam Hospital, Tehran University of Medical Sciences, Tehran, Iran

Telephone: Imam Hospital, Medical Imaging Center: +98 21 66944041

Atieh Hospital: +98 21 82722117

Fax: Imam Hospital, Medical Imaging Center: +98 21 66581578

E-Mail: k_firouznia@yahoo.com

Education:

- 1984/02-1990/12: MD Degree from Medical School, Tehran University of Medical Sciences
Thesis: Hirsutism
- 1991-1995: Radiology (Medical Imaging) Board from Medical School, Tehran University of Medical Sciences
Thesis: Imaging characteristics of phakomatosis in central nervous system
- *ECNR/ESNR European Neuroradiology Fellowship Certificate 2009-2010*
- *ECONR (European Certification of Neuroradiology) 21 Sep. 2011*
- Advanced Course of *Higher Qualification* in Endovascular Interventional Neuroradiology, Aneurysms & Chronic Ischemia from 03/12/2012 until 05/12/2012, Villepinte, France
- **Fellowship in Neurovascular Intervention 1403 Tehran University of Medical Sciences**

Certification:

- 1991: MD Degree from Medical School, Tehran University of Medical Sciences, Tehran, Iran
- 1995: Board in general Radiology, Tehran University of Medical Sciences, Tehran, Iran
- Observer fellowship in MRI, Netherlands, Rotterdam, Dijkzigt Hospital, 2000.
- Erasmus Course (EMRI) Central Nervous System, September 28 – Oct 3, 2007, Aachen/Germany
- Erasmus Course (EMRI) Head and Neck MRI. February 11-15, 2008, Lisbon, Portugal
- Erasmus Course (EMRI) Central Nervous System, 12-16 June 2008/Thessaloniki, Greece
- ECNR course, Neuroradiology, cycle 10, Brain Tumors, 20-24 March 2009, Rome, Italy
- ECNR course, Neuroradiology, cycle 10, Vascular, 09-13 Oct. 2009, Tarragona, Spain
- ECNR course, Neuroradiology, cycle 10, Brain Tumors, 20-24 March 2010, Rome, Italy
- ECNR course, Neuroradiology, Embryology, Anatomy, Malformations, Genetics, 5-9 November. 2010, Tarragona, Spain
- *ECNR/ESNR European Neuroradiology Fellowship Certificate 2009-2010*

- *ECONR (European Certification of Neuroradiology) 21 Sep. 2011*
- Advanced Course of *Higher Qualification* in Endovascular Interventional Neuroradiology, Aneurysms & Chronic Ischemia from 03/12/2012 until 05/12/2012, Villepinte, France
- Advanced Course of *Higher Qualification* in Endovascular Interventional Neuroradiology, Functional Neurovascular Anatomy, from 18/02/2013 until 22/02/2013, Lisbon, Portugal
- Advanced Course of *Higher Qualification* in Endovascular Interventional Neuroradiology, 5th Cycle, Course 2b Arterial stenosis and stroke, from 08/09/2014 until 10/09/2014, Bern, Switzerland
- ESNR, Advanced Course of *Higher Qualification* in Endovascular Interventional Neuroradiology, 5th Cycle, Course 3a AVMs, Dural AV Fistulas, and spine from 06/10/2014 until 08/10/2014, Naples, Italy
- **Fellowship in Neurovascular Intervention 1403 Tehran University of Medical Sciences**

Academic Degree:

Assistant professor of Radiology, Tehran University of medical Sciences, 1996-2008.

Associate professor of Radiology, Tehran University of medical Sciences, since 2008-2015

Full Professor of Radiology, Tehran University of medical Sciences, since 2015

Work Experience:

-
- Director of Radiology Department, Bushehr University of Medical Sciences 1995-1996.
- Assistant professor of Radiology, Tehran University of medical Sciences, 1996-2008,
- Associate professor of Radiology, Tehran University of medical Sciences, since 2008.
- Full Professor of Radiology, Tehran University of medical Sciences, since 2015
- Head of MR section of Atieh Hospital, Since 2006
- Co-Editor in chief of Iranian journal of Radiology from 2002 to 2011.
- Editor in chief of Iranian journal of Radiology Since 2011

Membership:

Member of the Medical council of the Islamic Republic of Iran, From 1991

Member of Iranian Society of Radiology, From 1995

Member of European Society of Neuroradiology, From 2011

Project that have been done successfully in Iran for the first time by my supervision:

- Percutaneous laser disc decompression. 1997
- Percutaneous vertebroplasty. 1998
- Percutaneous embolization of the brain AVM. 1998
- Percutaneous laser ablation of tumoral lesion (osteoid osteoma),2001
- Thoracic aorta stenting. 2002
- Uterine fibroid Embolization. 2001
- Evaluation and comparison of efficacy and adverse effects of Omnipaque and Iopaque in brain angiography, 2005
- Clinical trial; to evaluate the therapeutic effects of CT-guided intraarticular steroid, Bupivacaine and Bicarbonate injection followed by physical therapy, compare with just intraarticular injection and physical therapy alone in dysfunctional sacroiliac joint pain, 2007
- Evaluation of Angiographic Findings of Patients with Subarachnoid Hemorrhage Referred to Medical Imaging Center from 1998-2006
- Comparison of absorbed dose of ovaries during Uterine Artery Embolization (UAE), with conventional DSA & Flat Panel angiography system 2008
- Evaluation of the efficacy of black tea as an oral negative contrast in removing signals due to fluids in GI and improvement of MRCP quality , 2008
- Assessment of efficacy of Neucrylate ANTM in cerebral aneurysms embolization 2008
- Effects of lumbosacral transitional vertebra (LSTV) on interspinal discs.2008
- Comparison between Magnevist and Gadovist in detection active plaques in MS 2009

- Diagnostic Accuracy of Magnetic Resonance Imaging, including Non-Echo-Planar Diffusion-Weighted Sequence, in the Detection of Middle Ear Cholesteatoma in Iranian Patients 2009
- Diagnostic efficacy of MRI in middle ear cholesteatoma 2009
- Quality Assessment of peer reviews of manuscripts in Iranian Journal of Radiology 2009
- Determining sensitivity and specificity of MRI in detection of relapsing cholesteatoma in comparison with surgery in patients referred to AMIRALAM hospital from 5/89 till 6/90, 2010
- Comparison of the diagnosis sensitivity of brain abscess cystic lesions from non-abscess ones in three imaging modality of conventional MRI, MRS and DWI of three tesla apparatus 2010
- Evaluation of Tumor Grade in Brain Gliomas with perfusion 2011
- Investigating the sensitivity and specificity of MRI perfusion in brain glioma tumor grading in the patients of Imam Khomeini hospital of Tehran 2012
- Evaluation of sensitivity and Specificity of MRS and DWI (using MRI 3T) for grading glioma tumors in comparison with pathologic staging 2012
- Evaluation of DWI, ADC map, perfusion MRI, and MRS sequences in differentiating Infiltrative versus Reactive edema in Brain Glioma, 2014
- Effect of uterine artery embolization (UAE) in patients with uterine fibroid on pregnancy: systematic review and meta analysis, 2016
- Cortical plaque patient evaluation with psir technic in comparison conventional MRI, 2017
- Differentiation of Cerebral Lesions of Multiple Sclerosis (MS) and Small Vascular Disease (SVD) in Brain MRI using Artificial Intelligence Techniques, 2019
- Evaluation of Dentate Nucleus MRI Signal Changes in Multiple Sclerosis (MS) Patients with Significant Gadolinium Deposition in Dentate Nucleus Using DCE, SWI Sequences Compared to MS Non-Gadolinium Deposition, 2019
- Role of Multiparametric MRI in evaluation of treatment response in the operated GBM patients who had already received neoadjuvant Temozolomide before chemoradiotherapy compared to standard chemoradiotherapy protocol in a previously registered randomized clinical trial, 2022
- Evaluation of the consequences of uterine artery embolization in the treatment of uterine venous malformations on fertility and pregnancy; a Systematic Review and Meta-Analysis, 2022
- Investigation of effectiveness and side-effects of embolization in the treatment of glomus jugular tumors in a systematic review and meta-analysis, 2022

Thesis, which were supervised by me: 56 thesis

Evaluation of the pathologic result of pulmonary mass CT guided biopsy in Imam Khomeini hospital.

Ghanaati H, Shariati S, **Firouznia K**, 1996-1997

Comparison of image quality of axial and coronal CT. scans of the temporal bone.

Ghanaati H, Shabani M, **Firouznia K**, 1996-1997

Assessment of frequencies of angiography findings in SAH patients.

Firouznia K, Ghanaati H, Dargahi R, Soleymani, 1998-1999

Comparison of brain MRA with and without paramagnetic contrast materials in 1.5 tesla MRI apparatus.

Firouznia K, 1998-1999

Examination of abdominal masses biopsies under CT Scan guided.

Ghanaati H, Shariati, **Firouznia K**, 1999

Evaluation of the safety and efficacy of peri root therapy (PRT) in low back pain (LBP)

Firouznia K, 1999

Assessments of diffusion in SAH suspect cases under going angiography.

Ghanaati H, **Firouznia K**, Omid, Dournik, Ghalichi, 2000

Evaluation of the effects of RF sequences on the image homogeneity in MRI studies.

Firouznia K, 2000

Preparing and optimization of functional MRI studies of brain motor cortex

Firouznia K, 2000

Ability of Doppler ultrasound in evaluation of lower extremities arteries in comparison with angiography.

Ghanaati H, **Firouznia K**, Hadizadeh H, Salahi A, 2000-2001

Fluoroscopically controlled tips project design and execution.

Ghanaati H, **Firouznia K**, saberi H, 2001

Assessment of the correlation of arterial stenosis and Ankle/Brachial index (ABI) in patients with limb claudication.

Firouznia K, 2001.

Evaluation of the MRI patterns of lumbosacral Intervertebral Disc Herniation in patients who suffered low back pain.

Firouznia K, 2001.

Assessment of normal indices in carotid Doppler ultrasonography in 50 normal individuals.

Ghanaati H, **Firouznia K**, Etezadi V, 2001-2002

Assessment of success rate of laser therapy in osteoid osteoma patients.

Firouznia k, Ghanaati H, Esmacili J, 2003

Evaluation of the efficacy and complications of embolizations for the treatment of brain arteriovenous malformation(AVM)

Firouznia k,2003

Evaluation and comparison of efficacy and adverse effects of Omnipaque and Iopaque in central angiography

Hadjibabaie M, **Firouznia K**, Ghanaati H, Alidadi S, Rokni H, Saberi H, Shabani M, Shariyaran Sh, Shakiba M, Bakhshandeh H, Khoei S-H,2005

Evaluation of combination therapy of simvastatin and avonex effect on Patients with Relapsing-Remitting Multiple Sclerosis through MRI

Harirchian M-H, Togha M, Beladi-Moghaddam N, Nabavi M, Ghanaati H, **Firouznia K**, Ahmadi Karvigh S, Jannati A, Khalkhali M,Rashidi M, 2005

Design and Implementation of Three Dimensional (3D) path planning for virtual Bronchoscopy

Ahmadian A, Navab N, **Firouznia K**, 2006

Investigation of spatial resolution of the MR based Polymer gel dosimetry (MRPD) versus film densitometry by the study of dose modulation transfer function(DMTF)

Firouznia k, 2006

Evaluation of the frequency of normal and abnormal findings in knee MRI studies

Firouznia k, 2006

The Assessment of structural changes in MS plaques with magnetization transfer Imaging(MTI)

Riahi Alam N, Harirchian M-H, **Firouznia K**, Oghabian M-A. 2007

To evaluate the relation between lumbosacral transitional vertebra (LSTV) and lumbar intervertebral discs in patients with LSTV.

Firouznia k, 2007

The effect of daily peanut consumption on lipid profiles and endothelial function in hypercholesterolemic men

Kimiagar M, Abedi A, **Firouznia K**, Hedayati M. 2008

Segmentation and volumetry of uterine fibroids with MRI

Firouznia k, 2008

Diagnostic Accuracy of Magnetic Resonance Imaging, including Non-Echo-Planar Diffusion-Weighted Sequence, in the Detection of Middle Ear Cholesteatoma in Iranian Patients

Firouznia K, Sharifian H, Taheri E. 2009

Evaluation of angiographic and demographic findings in patients suffering from subarachnoid hemorrhage Due to cerebral arteriovenous malformation who were referred to medical imaging center from 1377-1388

Firouznia K, Ghanaati H, Azari S

Comparison of the diagnosis sensitivity of brain abscess cystic lesions from non-abscess ones in three imaging modality of conventional MRI, MRS and DWI of three tesla apparatus 2010(ongoing)

Firouznia K, Ghanaati H, Masoudnia, Rezvani Zade. 2010

Comparison of the accuracy of CVCT, MSCT, and Digital radiography in diagnosis vertical root fractures

Firouznia K, Roohi. 2010

Investigating the sensitivity and specificity of MRI perfusion in brain gelial tumor grading in the patients of Imam Khomeini hospital of Tehran

Mohseni M, 2012

Comparison of diagnostic efficacy of gadovist contrast media with magnevist in detecting of active plaques in brain MRI of the patients with acute attack of the multiple sclerosis

Behzadi S,2012

Comparison of the diagnosis sensitivity of brain cystic lesions in three imaging modality of conventional MRI, MRS and DWI of three tesla apparatus

Dr Ghanaati,Rezvani zadeh AR,2012

Comparision of MRS finding in non-enhancing white matter lesions for two groups of relapsing reemitting multiple sclerosis(RRMs) versus primary progressive subtype who referred to neurology ward of Imam Khomeini hospital during 1390-1391

Rahimian 2013

Evaluation of DWI , ADC map, perfusion MRI, and MRS sequences in defferentiating Infiltrative versus Reactive edema in Brain Glioma, FirouzniaK, Oghabian MA, Zeinalizadeh M, 2014

cortical plaque patient evaluation with psir technic in comparison conventional MRI, Firouznia K, Ghanaati H,2017

Evaluation of DWI , ADC map, perfusion MRI, and MRS sequences in defferentiating Infiltrative versus Reactive edema in Brain Glioma

Ghazaleh Amjad, Firouznia K 2016

Imaging and Angiography findings of uterine artery embolization in patients with arteriovenous malformation referred to Imam Khomeini Hospital Imaging Center during 2017-2020

Firouznia K, Behestani ,2018

comparison of PSIR and conventional MRI regarding detection of cortical plaques in MS patients refering to Sina hospital in 1397

Mohammad Hossein Dianat, Firouznia K, 2019

Analysis and comparing of Intracranial magnetic resonance imaging findings and middle cerebral artery ultrasonography in the surviving fetus after selective fetal reduction of complicated monochorionic twins with radiofrequency ablation in pregnant women with multiple pregnancy that refer to yas hospital between years of 97-98

Badragheh Narges, Firouznia K, 2019

Differentiation of Cerebral Lesions of Multiple Sclerosis (MS) and Small Vascular Disease (SVD) in Brain MRI using Artificial Intelligence Techniques

Firouznia K, Arab Ahmadi M,2019

comparison of PSIR and conventional MRI regarding detection of cortical plaques in MS patients refering to Sina hospital in 1397

Firouznia K,Dianat MH, 2019

review of interventional radiology cases in treatment of Vein of Galen Aneurysm and its effects in pediatric neurological clinic of Emam-Khomeyni hospital between the years 1386 to 1393

Firouznia K, Savari M2019

Evaluation of complications and mortality of mucoromycosis sinusitis and its relationship with radiologic manifestations of pulmonary involvement and underlying diseases in patients with Covid 19 referred to Imam Khomeini Complex Hospital and Amir-Alam hospital from the beginning of April 2021 to the end of March 2022

Firouznia K,AmiriGoli M,2020

comparison of semi-quantitative findings of endolymphatic hydrops in MRI with clinical features and inner ear function tests at Meniere disease

Firouznia K, Shafiei M, 2020

Evaluation of the effectiveness of prostate artery embolization in the treatment of patients with benign prostatic hyperplasia

Firouznia K, Del Azar S, 2020

Correlation of chest ct features and involvement score in coronavirus 2019 patients with their clinical outcome

Firouznia K, Hemati S,2020

use of Artificial intelligence and radiomics in differentiating low grade and high grade glioma in patients of imam khomeini hospital complex from 2019 to 2021

Firouznia K, Nikoo M,2020

Combining parameters of physiological brain images in glioma tumors to reach a single index

Firouznia K, Ameri B,2020

Machine and Deep learning approach to differentiation of peripheral schwannomas and neurofibromas: A multi-center study

Firouznia K, Vahdanifard A,2020

Introducing a Radiomics-based model in differentiating the most common adult brain tumors in patients referred to Imam Khomeini, Sina, Shariati hospitals and Children's Medical Center during 2011-23

Firouznia K, Mohammadian AR,2020

Evaluation of Brain Rest fMRI and Diffusion Brain MRI Findings in Patients with Breast Cancer Treating with Systemic and Non-Systemic Methods and Comparison with Healthy Individuals

Firouznia K, Behnejad M,2021

Determining the diagnostic value of MRI compared to endoscopic method in patients diagnosed with nasal CSF leak

Firouznia K, Azizpour AS,2021

comparison of MRI findings and pregnancy outcome between fetuses with severe ischemic and hemorrhagic brain damage and fetuses with mild brain damage

Firouznia K, Tahanian F,2021

Microstructural evaluation of cranial nerves 1 to 8 using diffusion tractography in migraine patients; A prospective case-control study

Gorbani M,2022

Magnetic Resonance Perfusion, Diffusion, Spectroscopy and Volumetric Study of Choroid Plexus in Multiple Sclerosis patients; Prospective case-control study

Firouznia K, Bidar L,2022

Determining the reproducibility of intravoxel incoherent motion (IVIM) imaging method in determining the biomolecular subtypes of brain gliomas

Firouznia K, Sadeghi Z,2022

***Publications:* 112 articles in international journals**

1-Hashemi H, **Firouznia K**, Sorosh H, Urang A, Foghani A, Pakravan M
MRI Findings of Cervical Spine Lesions among Symptomatic Patients and their Risk Factors
Iranian Journal of Radiology Dec 2003/ Vol.1/Nos.3&4/133-136

2-**Firouznia K**, Ghanaati H, Sanaati M, Jalali A-H
A Case of Massive Uterine Bleeding due to Fibroid Expulsion after Uterine Artery Embolization: Control of Bleeding by Re-embolization.
Iranian Journal of Radiology / Dec 2004 / volume2 / 79-82

3-**Firouznia K**, Ghanaati H, Shakiba M, SHabani MA
Subarachnoid Hemorrhage, an Angiographic Evaluation in Iran.
Iranian journal of Radiology Dec. 2004/Vol.2/Nos 1&2/29-34

4-Shabani Samghabadi A, Rahmani M, Saberi H, Behjati J, **Firouznia K**, Ghasemian A
Sonography and Color Doppler in the Evaluation of Cold Thyroid Nodules
Iranian journal of Radiology Dec. 2004/Vol.2/Nos 1&2/13-16

5-**Firouznia K**, Ghanaati H, Hashemi H, Ahmadi Nejad N, Sorosh H, Shakiba M
Percutaneous Laser Photocoagulation of Osteoid Osteoma, Assesment of Treatment in Nine Cases
Iranian journal of Radiation Research June 2004/ Vol.2/No1/9-14

- 6-Mansuri P, Hemati N, Ahmadi Nejad N, **Firouznia K**
Clinical Trial on the Effects of Yobelean Cream in Cellulite Reduction by Clinical and Sonographic Assessment
The Journal of Faculty of Medicine 62nd year/ No 6/ 2004
- 7-**Firouznia K**, Ghanaati H, Shakiba M.
Epidemiologic Characteristics and Angiographic Findings in 580 Cases of Subarachnoid Hemorrhage.
Journal of Faculty of Medicine, Tehran University of Medical Sciences. 2004, 62(8), 649-656.
- 8-**Firouznia K**, Ghanaati H, Sanati M, Jalali A-H, Shakiba M,
Uterine Artery Embolization for Symptomatic Uterine Fibroids: Prospective Study on 102 Patients in Iran.
Iranian Journal of Radiology/Jun 2005/Volume 2/Nos3&4/157-162
- 9-Mirzajani, A., Oghabian, M.A., Riyahi-Alam, N., Saberi, H., Firuznia, K.
Spatial frequency dependence of the human visual cortical response to temporal frequency modulation studied by fMRI
Annual International Conference of the IEEE Engineering in Medicine and Biology - Proceedings 7 VOLS 2005, pp. 5802
- 11- Mirzajani A, Oghabian M-A, Riyahi-Alam N, **Firouznia K**, Saberi H, Jafarzadeh Pour E
Optimization of Visual Tasks for Detecting Visual Cortex Activity in fMRI Studies
Proceeding Iranian Journal of Medical Physics Spring 2005/Vol.2/No.6/79-90
- 12-SHAMSABADI A. OGHABIAN M.A RIAHI ALAM N . **Firouznia K.**
Assessment the effects of scanning and technical parameters on the detection of pulmonary nodules at different computed tomography system
Komesher Summer 2005; 6 (4), 319-324.
- 13-Saadat s.*.ghodsi s.m.,Holakouei naeini kourosh,Mahmoudi m., **Firouznia k.**, Hosseini m
A statistical model for predicting the occurrence of intracranial lesions in patients with mild head trauma
Payesh; July 2006; 5(3):193-200
- 14-Negahdar, M., Ahmadian, A. Navab, N, **Firouznia, K.**
Path planning for virtual bronchoscopy
Annual International Conference of the IEEE Engineering in Medicine and Biology - Proceedings, 2006 pp.
- 15-A. Mirzajani, N. Riyahi-Alam, M.A. Oghabian, K. Firuznia, H. Saberi,
An fMRI study of human visual cortex in response to spatiotemporal properties of visual stimuli
International journal of radiation research Volume 3, Number 4 (March 2006)
- 16- M. Hadjibabaie, S. Alidadi, **K. Firouznia**, H. Ghanaati, H. Rokni, H. Saberi, M. Shabani, Sh. Shahriyaran, S.H. Khoee, M. Shakiba, H. Bakhshandeh, A.A.
Iopaque 300 versus Omnipaque 300: A Randomized Double Blind Clinical Trial for Comparison of Efficacy and Adverse Effects in Peripheral Angiography
Iranian Journal of Radiology 2007;4(2) : 77-82
- 17-Mirzajani A, Riyahi-Alam N, Oghabian M-A, **Firouznia K**, Saberi H
Spatial Frequency Dependence of the Human Cortex Response on Temporal Frequency Modulation Studied by fMRI
Iranian Journal of Radiology / Sum 2006 / volume3 /No4/ 245-249
- 18-M.R. Negahdar, A. Ahmadian, N. Navab, K. Firouznia
Automated Path Planning Algorithm for Virtual Bronchoscopy
Iranian Journal of Medical Physics 2006; Summer, 3(11):79-91.
- 19-Mirzajani A, Riyahi-Alam N, Oghabian MA, Saberi H, **Firouznia K**
Spatial frequency modulates visual cortical response to temporal frequency variation of visual stimuli: an fMRI study
Physiol Meas 2007 May;28(5):547-54. Epub 2007 Apr 20
- 20-N Riyahi-Alam^{1,2}, M Fooladi^{1,2}, M Harirchian^{1,2}, K Firuznia^{1,2}, M Oghabian^{1,2}, B Rafee^{1,2}, and M Shakiba
SU-FF-I-94: The Assessment of Structural Variations of Multiple Sclerosis Plaques in Clinically Isolated Syndrome (CIS) Using Magnetization (MTI) Parameters
Med. Phys. **34**, 2359 (2007)
- 21-Alam, N.R., Takavar, A., Moghadam, M., Haghgoo, S., Firooznia, K., Hadad, P., Pourfallah, T.A., Mohammadi, E., Nedaei, A
MR Based polymer gel dosimetry (MRPD) versus film dosimetry using dose modulation transfer function (DMTF)
Proceeding of the 4th IEEE-EMBS International Summer School and Symposium on Medical Devices and Biosensors, ISSS-MDBS 2007 , pp. 65
- 22-Alam, N.R., Fooladi, M., Harirchian, M.H., Firuznia, K., Rafee, B., Shakiba, M., Nouri, K
Prognostic value of brain tissue pathological changes in patients with multiple sclerosis using magnetization transfer parameters
Proceeding of the 4th IEEE-EMBS International Summer School and Symposium on Medical Devices and Biosensors, ISSS-MDBS 2007 , pp. 69
- 23-**Firouznia K**, Ghanaati H, Sanaati M, Jalali AH, Shakiba M.
Uterine artery embolization in 101 cases of uterine fibroids: do size, location, and number of fibroids affect therapeutic success and complications?
Cardiovasc Intervent Radiol. 2008 May-Jun;31(3):521-6.
- 26-**Firouznia K**, Amirmohseni S, Guiti M, Amanpour S, Baitollahi A, Kharadmand AA, Mohagheghi MA, Oghabian MA.
MR relaxivity measurement of iron oxide nano-particles for MR lymphography applications.
Pak J Biol Sci. 2008 Feb 15;11(4):607-12.
- 27-Saadat S, Ghodsi SM, **Firouznia K**, Etminan M, Goudarzi K, Naieni KH.
Overuse or underuse of MRI scanners in private radiology centers in Tehran.
Int J Technol Assess Health Care. 2008 Summer;24(3):277-81.
- 28-H. Ghanaati, **K. Firouznia**, M. Motevalli, L. Mirdamadi, A.H. Jalali.
Fluoroscopic versus Conventional Computed Tomography-Guided Biopsy .
Iranian Journal of Radiology, 2008; 5(1):39-42.

29-Fooladi M, Riahi Alam N, Harirchyan MH, **Firouznia K**, Oghabian MA, Shakiba M, Rafie B, Bakhtiary M
The Assessment of Structural Changes in MS Plaques and Normal Appearing White Matter Using Quantitative Magnetization Transfer Imaging (MTI).
Iran J Med Physics. 2008.16-17 (4): 53-64.

30-Firouznia K, Ghanaati H, Sanaati M, Jalali AH, Shakiba M.
Pregnancy after uterine artery embolization for symptomatic fibroids: a series of 15 pregnancies.
AJR Am J Roentgenol. 2009 Jun;192(6):1588-92

31-Nasrin Ahmadinejad , Hossein Ghanaati , **Kavous Firouznia** , Aidin Khaghani , Alborz Salavati and Madjid Shakiba.
Pathological findings of spinal MRI in patients with lumbosacral transitional vertebra
Research Journal of Biological Sciences 4 (2): 166-170, 2009.

32-Mojtaba Miri , Hossein Ghanaati , **Kavous Firouznia** , Hasan Hashemi , Hamid Ara , Amir Hossein Jalali and Madjid Shakiba.
CT fluoroscopy guided vertebroplasty for treatment of painful vertebral compression fractures.
Research Journal of Biological Sciences 4 (1): 1-6, 2009.

33-N. Riyahi-Alam, K. Pahlavan, M. H. Harirchian, A. Bozorgy, **K. Firouznia**, M. Shakiba, M. Bakhtiary, B. Rafiei
Brain white matter pathological comparison in MS relapsing-remitting patients, clinically isolated syndrome patients and normal subjects using quantitative magnetization transfer imaging
World Congress on Medical Physics and Biomedical Engineering, September 7 - 12, 2009, Munich, Germany pp 545-548

34-Mohammad Mohsen Roostayi, Hossein Bagheri, Saeid Talebian Moghaddam, **Kavous Firouznia**, Mohammad Razi, Mostafa Hosseini, Madjid Shakiba
The effects of vacuumic bracing system on the patellofemoral articulation in patients with patellofemoral pain syndrome
Complement Ther Clin Pract. 2009 Feb ;15 (1):29-34 19161952

35-Hossein Ghanaati , Hassan Hashemi , Mojtaba Miri , Majid Ghaffar Poor and **Kavous Firouznia**.
Results of Lumbar Disc Percutaneous Laser Disc Decompression (PLDD) with One Year Follow up in Iran.
Research Journal of Biological Sciences 4 (3): 265-267, 2009.

36-Saadat S, Ghodsi SM, Naieni KH, **Firouznia K**, Hosseini M, Kakhodaie HR, Saidi H.
Prediction of intracranial computed tomography findings in patients with minor head injury by using logistic regression.
J Neurosurg. 2009; 111(4):688-94.

37-H. Ghanaati , N. Golchin , M. Motevalli , M. Shakiba , A. H. Jalali , **K. Firouznia MD**.
Carotid Doppler Ultrasonography in Preoperative Assessment of Coronary Artery Bypass Graft Surgery in an Iranian Population: Association Between Atherosclerosis Risk Factors and Carotid Stenosis
Iranian Journal of Radiology 2009;6 (3): 125-129.

38-H. Batouli ◊ A. Boroomand ◊ M. Fakhri ◊ H. Sikaroodi◊M. Oghabian ◊ **k. Firouznia**
The Effect of Aging on Resting-State Brain Function: An fMRI Study
Iranian Journal Of Radiology, 2009;6(3) : 153-158

40-Ghanaati H, **Firouznia K**, Vaziri Bozorg SM, Ghasemi Esfe AR, Motevallei M, Abedini MR, Sadeghi SR
Nintinol Self-Expandable Metallic Stenting in Management of Malignant Obstructive Jaundice: A Case Series.
Hepatitis Monthly, 2010 No,26. 10(1).

41-Fallahi, A., Pooyan, M., Khotanlou, H., Hashemi, H., Firouznia, K., Oghabian, M.A
Uterine fibroid segmentation on multiplan MRI using FCM, MPFCM and morphological operations
ICCET 2010 - 2010 International Conference on Computer Engineering and Technology, Proceedings 7

42- Ghanaati, H. and Motevalli, M. and Jalali, A.H. and Firouznia
Increasing exophthalmia after carotid-cavernous fistula closure with a detachable balloon: Problems of incomplete treatment. A case report
Neuroradiology Journal, 23 (1). pp. 69-73

43-Togha, M., Karvigh, S.A., Nabavi, M., Moghadam, N.B., Harirchian, M.H., Sahraian, M.A., Enzevaei, A., Nourian, A., (...), Shekiba, M
Simvastatin treatment in patients with relapsing-remitting multiple sclerosis receiving interferon beta 1a: A double-blind randomized controlled trial
Multiple Sclerosis 16 (7) 2010 , pp. 848

44-K. Firouznia, H. Ghanaati, S.R. SADEGHI, M. SHAKIBA, A.H. JALALI.
Evaluation of Angiographic Findings in Spontaneous Aneurismal Subarachnoid Hemorrhage Patients.
The Neuroradiology Journal, 2010, 23 (3); 354-9.

45-Elmira Khaghani, **Kavous Firouznia**, Hossein Ghanaati, Elham Neshan, Majid Shakiba
Evaluation of angiographic findings of flat panel and conventional methods in patients with Subarachnoid Hemorrhage (SAH) referred to Imam Khomeini Radiology Center from 2006-2007
Medical Science Journal of Islamic Azad University,tehran Medical Unite 2010;4(19): 274-279

46-H Ghanaati ◊ S.M. Alavian ◊ **K Firouznia** ◊ M.R. Abedini ◊ M. Mohammadifard ◊ A.H. Jalali ◊ M. Shakiba ◊ R. Atae
Tailoring of Interventional Procedures for HCC Patients-Review Article
Iranian Journal of Radiology2010;7(3):129-143

47-Fallahi, Alireza; Pooyan, Mohammad; Hashemi, Hassan; Khotanlou, Hassan; Oghabian, Mohammad Ali; **Firouznia, Kavous**
Uterine fibroid segmentation on MRI based on chan-vese level set method and shape prior model (English)
IMAGAPP 2010 - International Conference on Imaging Theory and Applications,51-55

48-H Ghanaati, **K Firouznia**, A.H Jalali, M Shakiba
Advances of interventional radiology in treatment of hepatobiliary diseases in Iran
Hepat Mon, 2011;11(7)

- 49-Hossein Ghanaati , Mehdi Mohammadifar , Mahsa Ghajarzadeh , Kavous **Firouznia** ,Marzieh Motevalli , Amir Hossein Jalali
Hydatid Cyst of the Knee: A Case Report
Iranian Journal Of Radiology Volume: 8 Issue: 3 Pages: 170-172 DOI: 10.5812/kmp.iranjradiol.17351065.3162 Published: FAL 2011
- 50-Alireza Fallahi, Mohammad Pooyan, Hassan Hashemi, Hossein Ghanaati, Mohammad Oghabian, 2 Hassan Khotanlou, Madjid Shakiba Amir Jalali, **Kavous Firouznia**
Uterine Segmentation and Volume Measurement in Uterine Fibroid Patients' MRI Using Fuzzy C-Mean Algorithm and Morphological Operations
Iranian Journal Of Radiology Volume: 8 Issue: 3 Pages: 150-156 DOI: 10.5812/kmp.iranjradiol.17351065.3142 Published: FAL 2011
- 51-Ghanaati, H., Rokni-Yazdi, H., Jalali, A.H., Abahashemi, F., Shakiba, M., Firouznia, K
Improvement of MR cholangiopancreatography (MRCP) images after black tea consumption
European Radiology 21 (12),2011, pp. 2551
- 52-Pahlevan, K., Riyahi-Alam, N., Harirchian, M.H., Firouznia, K., Shakiba, M., Bozorgy, A., Bakhtiary, M., Rafiei, B., Fouladi, M
Pathological assessment of brain white matter in relapsing-remitting MS patients using quantitative magnetization transfer imaging
Iranian Journal of Medical Physics,2011, 8 (3) , pp. 1
- 53-Moghadam-Drodkhani Reza, Riyahi-Alam Nader, Takavar Abbas, **Firouznia Kavous**, Hadad Peiman, Rafiee Behrooz, Bakhtiary Morteza, Tizmaghz Zohre, Mohammadi Ehsan
Investigation of the Spatial Resolution of MR-Based Polymer Gel Dosimetry versus Film Densitometry using Dose Modulation Transfer Function
Iranian Journal of Medical Physics 2011;8(30) :55-63
- 54-Seyed Mehran Vaziri-Bozorg , Ahmad Reza Ghasemi-Esfe, Omid Khalilzadeh, Housman Sotoudeh, Hadi Rokni-Yazdi, Hossein Ghanaati, **Kavous Firouznia**, Vandad Sharifi, Maryam Tabatabayee, Soheil Kooraki, Madjid Shakiba
Antidepressant effects of magnetic resonance imaging--based stimulation on major depressive disorder: a double-blind randomized clinical trial
Brain Imaging And Behavior Volume: 6 Issue: 1 Pages: 70-76, Published: MAR 2012
- 55- Hossein Ghanaati 1, Vahid Mohammadzadeh, Ali Mohammadzadeh, **Kavous Firouznia**, Maryam Mohammadzadeh, Marzieh Motevalli, Sakineh Kadivar, Mohammad Ali Mohammadzadeh, Abbas Dargahi, Amir Hossein Jalali, Madjid Shakiba, Payam Azadeh
Efficacy of transarterial chemoembolization on lesion reduction in colorectal liver metastases
Acta Med Iran 2012;50(8):535-40
- 56- Alireza Rezvanzadeh, **Kavous Firouznia***, Mohammad Salehi-Sadaghiani, Meisam Mohseni, Dona Gharaei, Hossein Ghanaati, Hamidreza Saligheh Rad,5 and Majid Masoudnia
The Effects of Voxel Localization and Time of Echo on the Diagnostic Accuracy of Cystic Brain Tumors in 3 Tesla Magnetic Resonance Spectroscopy
Iranian Journal of Radiology. 2012 November; 9(4): 195-201
- 57- Hashem Sharifian 1, Elham Taheri, Pedram Borghei, Madjid Shakiba, Amir Hossein Jalali, Majid Roshanfekar, **Kavous Firouznia**
Diagnostic accuracy of non-echo-planar diffusion-weighted MRI versus other MRI sequences in cholesteatoma
journal of medical imaging and radiation oncology volume: 56 issue: 4 pages: 398-408 published: aug 2012
- 58- Hossein Ghanaati , * , Amir Hossein Jalali , Mehdi Mohammadifar , Mahsa Ghajarzadeh , **Kavous Firouznia** , Marzieh Motevalli , Amir Hossein Jalali
The Role of Multidetector CT in the Diagnosis of Retroperitoneal Fibrosis: Report of a Case
Iranian Journal of Radiology , Year: 2012 Volume: 9 Issue: 1 Pages: 28-31
- 59- Mahboobeh Yaghoobi 1, Mohammad Hossein Harirchian, **Kavous Firouznia**, Somayeh Behzadi, Hassan Hashemi, Hossein Ghanaati, Madjid Shakiba, Amir Hossein Jalali, Shahrzad Mohebbi
The Relationship between Enhanced Plaques with Gadovist and Magnevist Contrast Brain Magnetic Resonance Imaging and the Neurological Deficit in the Acute Phase of Relapsing Remitting Multiple Sclerosis
Iran J Neurol. 2012;11(2):42-6
- 60-Fakhri,M;Oghabian MA; Vedaei F;Zandieh A;Masoom M; Sharifi G; Ghodsi M;**Firouznia K**
Atypical language lateralization:an fmri study in patients with cerebral lesions
Function neurology 2013;28(1):55-61
- 61 Kavous Firouznia** , Hossein Ghanaati, Mahsa Hedayati, Madjid Shakiba, Amir Hossein Jalali, Rasoul Mirsharifi, Abbas Dargahi
Endovenous laser treatment (EVL) for the saphenous reflux and varicose veins: A follow-up study
J Med Imaging Radiat Oncol. 2013 Feb;57(1):15-20
- 62- Seyed Pezhman Madani 1, Mohammad Dadian, **Keykavous Firouznia**, Salah Alalawi
Sacroiliac joint dysfunction in patients with herniated lumbar disc: A cross-sectional study
J Back Musculoskelet Rehabil. 2013;26(3):273-8.
- 63- Faezeh Vedaei 1, Mohammad Fakhri, Mohammad Hossein Harirchian, **Kavous Firouznia**, Yones Lotfi, Mohammad Ali Oghabian
Methodological considerations in conducting an olfactory fMRI study
Behav Neurol. 2013 Jan 1;27(3):267-76
- 65-Rahimian, N., Saligheh Rad, H., **Firouznia, K.**, Amir Ebrahimzadeh, S., Meysamie, A., Vafaiean, H., Harirchian, M.H
Magnetic resonance spectroscopic findings of chronic lesions in two subtypes of multiple sclerosis: Primary progressive versus relapsing remitting
Iranian Journal of Radiology, 2013, 10 (3) , pp. 128
- 66-**Firouznia, K.**, Ghanaati, H., Sharafi, A., Abahashemi, F., Hashemi, H., Jalali, A.H., Shakiba, M.
Comparing ovarian radiation doses in flat-panel and conventional angiography during uterine artery embolization: A randomized clinical trial
Iranian Journal of Radiology,2013, 10 (3) , pp. 111
- 67- **Firouznia, K.**, Ghanaati, H., Jalali, A.H., Shakiba, M
Uterine Artery Embolization for Treatment of Symptomatic Fibroids: A Review of the Evidence
Iranian Red Crescent Medical Journal 15 (12) (2013)

68-Ghanaati, H., Shakouri Rad, A., **Firouznia, K.**, Jalali, A.H.
Bronchial artery embolization in life-threatening massive hemoptysis
Iranian Red Crescent Medical Journal (2013) 15 (12)

69- Hassan Hashemi, Somayeh Behzadi, Hossein Ghanaati, Mohammad Hossein Harirchian, Mahboobeh Yaghoobi, Madjid Shakiba, Amir Hossein Jalali,
Kavous Firouznia
Evaluation of plaque detection and optimum time of enhancement in acute attack multiple sclerosis after contrast injection
Acta Radio. 2014 Mar;55(2):218-24

70- Hossein Ghanaati 1, **Kavous Firouznia 1**, Amir Hossein , Madjid Shakiba
How to Start Interventional Radiology
Iran Red Cres Med J. 2013 December; 15(12): e16619.

71- Eqlimi, E., Riyahi Alam, N., Sahraian, M.A., Eshaghi, A., Riyahi Alam, S., Ghanaati, H., **Firouznia, K.**, Karami, E.
Resting State Functional Connectivity Analysis of Multiple Sclerosis and Neuromyelitis Optica Using Graph Theory
XIII Mediterranean Conference on Medical and Biological Engineering and Computing 2013 pp 206-209

72- Hossein Ghanaati , **Kavous Firouznia** , Bagher Larijani , Amir Hossein Jalali
Role of Interventional Radiology in Endocrine Diseases- Review Article
Iranian Journal of Public Health,2014 ,43(1):112-126

73- **Kavous Firouznia** , Hossein Ghanaati , Seyed Moayed Alavian , Payam Azadeh , Mohsen Nasiri Toosi , Arya Haj Mirzaian , Safa Najafi , Madjid Shakiba , Amir Hossein Jalali
Transcatheter arterial chemoembolization therapy for patients with unresectable hepatocellular carcinoma
Hepat Mon. 2014 Dec 28;14(12):e25792

74- **Kavous Firouznia**, Hossein Ghanaati, Seyed Moayed Alavian, Mohssen Nassiri Toosi, Nasser Ebrahimi Daryani, Amir Hossein Jalali, Madjid Shakiba, and Sima Hosseini-verdi
Management of Liver Hemangioma Using Trans-Catheter Arterial Embolization
Hepat Mon. 2014 Dec; 14(12): e25788.

75- Hashemi, H.^a, Behzadi, S.^a, Ghanaati, H.^a, Harirchian, M.H.^b, Yaghoobi, M.^b, Shakiba, M.^a, Jalali, A.H.^a, Firouznia, K.^a
Evaluation of plaque detection and optimum time of enhancement in acute attack multiple sclerosis after contrast injection
Acta Radiologica Volume 55, Issue 2, March 2014, Pages 218-224

76 Marzieh Motevalli , Hossein Ghanaati , **Kavous Firouznia** , Jalal Kargar , Mounes Aliyari Ghasabeh , Mona Shahriari , Amir Hosein Jalali , Madjid Shakiba
Diagnostic efficacy of vessel specific coronary calcium score in detection of coronary artery stenosis
Iran Red Crescent Med J. 2014 Dec 30;16(12):e26010.

77- Arman Eshaghi , Sadjad Riyahi-Alam , Roghayeh Saeedi , Tina Roostaei , Arash Nazeri , Aida Aghsaei , Rozita Doosti , Habib Ganjgahi , Benedetta Bodini , Ali Shakourirad , Manijeh Pakravan , Hossein Ghana'ati , **Kavous Firouznia** , Mojtaba Zarei , Amir Reza Azimi , Mohammad Ali Sahraian
Classification algorithms with multi-modal data fusion could accurately distinguish neuromyelitis optica from multiple sclerosis
Neuroimage Clin. 2015 Jan 9;7:306-14.

78- **Firouznia, K.** , Hosseininasab. , Amanpour, S. , Haj-Mirzaian, A. , Miri, R. , Muhammadnejad, A. , Muhammadnejad, S. , Jalali, A.H., Ahmadi, F. , Rokni-Yazdi, H.
Renal Sympathetic Denervation by CT-scan-Guided Periarterial Ethanol Injection in Sheep
CardioVascular and Interventional Radiology - 6 May 2015, 8p

79-Sarrami-Foroushani A¹, Nasr Esfahany M¹, Nasiraei Moghaddam A², Saligheh Rad H³, Firouznia K⁴, Shakiba M⁴, Ghanaati H⁴, Wilkinson ID⁵, Frangi AF
Velocity Measurement in Carotid Artery: Quantitative Comparison of Time-Resolved 3D Phase-Contrast MRI and Image-based Computational Fluid Dynamics
Iran J Radiol. 2015 Oct 17;12(4):e18286. doi: 10.5812/iranjradiol.18286. eCollection 2015

80-Miri M¹, Ghanaati H², Salamati P³, Ebrahimi Nik H¹, Jalali AH¹, Saeednejad M⁴, **Firouznia K**
Coil Embolization of Intracranial Aneurysms: A Six-Month Follow-Up Study
Iran J Radiol. 2015 Jul 22;12(3):e10986. doi: 10.5812/iranjradiol.10986v2. eCollection 2015

81-Taheri Z, Harirchian MH, Ghanaati H, Khoshnevisan A, Salamati P, Miri M, **Firouznia K**, Saeednejad M, Shakiba M, Rahimi-Movaghar V
Comparison of endovascular coiling and surgical clipping for the treatment of intracranial aneurysms: A prospective study
Iran J Neurol. 2015 Jan 5;14(1):22-8

82- Ali Sarrami-Foroushani , Mohsen Nasr Esfahany , Hamidreza Saligheh Rad , **Kavous Firouznia** , Madjid Shakiba , Hossein Ghanaati
Effects of Variations of Flow and Heart Rate on Intra-Aneurysmal Hemodynamics in a Ruptured Internal Carotid Artery Aneurysm During Exercise
Iran J Radiol. 2016 Jan 2;13(1)

83- By: Ghanaati, Hossein; **Firouznia, Kavous**; Salahshoor, Faeze
Advances and New Horizons in Imaging Diagnostic Techniques of HCC
Hepatitis Monthly Volume: 17 Issue: 12 Article Number: e64396 Published: DEC 2017

84- Mojtaba Miri , Meysam Mohseni , Alireza Madadi , **Kavous Firouznia** , Hamidreza Saligheh Rad , Farid Azmoudeh Ardalan , Anahita Fathi Kazerooni , Ali Haidari , Reza Taslimi , Hossein Ghanaati
Efficacy of 1h-mrsi and dwi for non-invasive grading of brain gliomas
Iranian journal of radiology ,volume: 14 ,issue: 2 ,article number: e17817 ,doi: 10.5812/iranjradiol.17817 ,published: apr 2017

85- Faezeh Vedaei , Mohammad Ali Oghabian * , **Kavous Firouznia** , Mohammad Hossein Harirchian , Younes Lotfi , Mohammad Fakhri
The Human Olfactory System: Cortical Brain Mapping Using Fmri

86- **Firouznia, Kavous**; Hosseiny, Melina; Kooraki, Soheil; et al.

Mid-Term Outcome Following Pipeline Embolization of Unruptured Intracranial Aneurysms

Iranian Journal Of Radiology Volume: 15 Issue: 1 Article Number: e59703 Published: JAN 2018

87- Shirzad Azhari, Hossein Nayeb Aghaei, Hossein Ghanaati, **Kavous Firouznia**, and Shokrollah Zandi

The Diagnostic Value of CT Angiography in the Diagnosis of Residual Aneurysm After Brain Aneurysm Surgery

Iranian Journal Of Radiology Volume: 15 Issue: 1 Article Number: E15843 Published: Jan 2018

88- Seyyed Mohammad Ghodsi , Alireza Khoshnevisan , Mahdi Arjipour , Hossein Ghanaati , **Kavous Firouznia**, Amir Hossein Jalali , Madjid Shakiba and **Nafiseh Ghavami**

Diagnostic Efficacy of Perfusion Magnetic Resonance Imaging in Supratentorial Glioma Grading

Iranian Journal Of Radiology, Volume: 15 ,Issue: 2 ,Article Number: e13696 Published: APR 2018

89- Anahita Fathi Kazerooni, Mahnaz Nabil, Mehdi Zeinali Zadeh, **Kavous Firouznia**, Farid Azmoudeh-Ardalan, Alejandro F. Frangi, Christos Davatzikos, and Hamidreza Saligheh Rad,

Characterization of Active and Infiltrative Tumorous Subregions From Normal Tissue in Brain Gliomas Using Multiparametric MRI

Journal of Magnetic Resonance Imaging Volume: 48 Issue: 4 Pages: 938-950 Published: OCT 2018

90- Zakariaee, Seyed Salman; Oghabian, Mohammad Ali; **Firouznia, Kavous**; et al

Assessment of the Agreement between Cerebral Hemodynamic Indices Quantified Using Dynamic Susceptibility Contrast and Dynamic Contrast-enhanced Perfusion Magnetic Resonance Imagings

Journal of Clinical Imaging Science volume: 8 article number: 2 published: jan 2018

91- M.FooladiaN, Riyahi AlamaH, Sharinid, **K.Firouznia**, bM.Shakibab, M.H.Harirchianc

Multiparametric qMTI Assessment and Monitoring of Normal Appearing White Matter and Classified T1 Hypointense Lesions in Relapsing-Remitting Multiple Sclerosis IRBM, Volume 41, Issue 3, June 2020, Pages 151-160

92- Ghanaati, H, Sanaati, M, Shakiba, M, Bakhshandeh, H, Ghavami, N, Aro, S, Jalali, A.H, **Firouznia, K**

Pregnancy and its Outcomes in Patients After Uterine Fibroid Embolization: A Systematic Review and Meta-Analysis

CardioVascular and Interventional Radiology 2020

93- Ghanaati H, **Firouznia K**, Rezaei M, Shakiba M, Ghavami N.

Management of Osteoid Osteoma Using Radiofrequency Ablation

Iranian Journal Of Radiology, Volume: 17, Issue: 1 ,Article Number: E67216 Published: Jan 2020

94- Amjad, G. and Zeinali Zadeh, M. and Azmoudeh-Ardalan, F. and Jalali, A.H. and Shakiba, M. and Ghavami, N. and Oghabian, Z. and Oghabian, M.A. and Firouznia, S. and Rafiei, B. and Sabet Rasekh, P. and Tahmasebi Arashloo, F. and **Firouznia, K**

Evaluation of multimodal MR imaging for differentiating infiltrative versus reactive edema in brain gliomas

British Journal of Neurosurgery , December 2020

2021

95- H. Hashemi, H. Ghanaati, Somayeh Behzadi, M. Harirchian, G. Amjad, M. Shakiba, Nafiseh Ghavami, H. Naghibi, **K. Firouznia**

Comparison of Gadovist and Magnevist in Brain Magnetic Resonance Imaging of Multiple Sclerosis Patients with an Acute Attack

Iran Red Crescent Med J. 2021 February; 23(2):e192

96- Edward H. Lee, Jimmy Zheng, Errol Colak, Maryam Mohammadzadeh, Golnaz Houshmand, Nicholas Bevins, Felipe Kitamura, Emre Altinmakas, Eduardo Pontes Reis, Jae-Kwang Kim, Chad Klochko, Michelle Han, Sadegh Moradian, Ali Mohammadzadeh, Hashem Sharifian, Hassan Hashemi, **Kavous Firouznia**, Hossien Ghanaati, Masoumeh Gity, Hakan Doğan, Hojjat Salehinejad, Henrique Alves, Jayne Seekins, Nitamar Abdala, Çetin Atasoy, Hamidreza Pouraliakbar, Majid Maleki, S. Simon Wong & Kristen W. Yeom

Deep COVID DeteCT: an international experience on COVID-19 lung detection and prognosis using chest CT

npj Digital Medicine volume 4, Article number: 11 (2021)

97- B Moradi, N Badraque, F Rahimi-Sharbat, K Firouznia, M Shirazi... ,

OC08. 01: Early detection of brain ischemic lesions by diffusion weighted imaging after radiofrequency ablation for fetal reduction in mono chorionic pregnancies; October 2021Ultrasound in Obstetrics and Gynecology 58(S1):24-25

98- B Moradi, M Kazemi, **K Firouznia**, F Rahimi-Sharbat

VP39. 01: Assessment of the time course of postmortem fetal brain changes by DWI after radiofrequency ablation for fetal reduction in mono chorionic pregnancies, Ultrasound in Obstetrics & Gynecology 2021;58(Suppl. 1): 89 – 312

99 Hassan Hashemi 1, Maryam Mohammadzadeh , Mohammad Hossein Dianat , Amir Reza Azimi ,

Hamed Naghibi , Madjid Shakiba and **Kavous Firouznia**

Comparison of Phase-Sensitive Inversion Recovery and Conventional Magnetic Resonance Imaging for Detection of Cortical Plaques in MS Patients

Iranian Journal of Radiology 18 (3),2021

2022

100- By:Kazemi, MA (Kazemi, Mohammad Ali) ; Ghasemi, A (Ghasemi, Ali) ; Casselman, JW (Casselmann, Jan W.) ; Shafiei, M (Shafiei, Mohammad) ; Zarandy, MM (Zarandy, Masoud Motasaddi) ; Sharifian, H (Sharifian, Hashem) ; Hashemi, H (Hashemi, Hassan) ; **Firouznia, K** (Firouznia, Kavous) ; Moradi, B (Moradi, Behnaz) ; Kasani, K (Kasani, Kianosh)

Correlation of semi-quantitative findings of endolymphatic hydrops in MRI with the audiometric findings in patients with Meniere's disease

Jul 2022 | Journal Of Otology 17 (3) , Pp.123-129

101- H Ghanaati, **K Firouznia**, B Moradi, S Behestani; **Fertility Outcomes After Uterine Artery Embolization for Symptomatic Uterine Arteriovenous Malformations: A Single-Center Retrospective Study in 33 Women**
CardioVascular and Interventional Radiology, 1-9,2022

102- By:Moradi, B (Moradi, Behnaz) ; Kazemi, MA (Kazemi, Mohammad Ali) ; **Firouznia, K (Firouznia, Kavous)** ; Sharbaf, FR (Rahimi Sharbaf, Fatemeh) **Assessment of the time course of in utero post mortem foetal brain changes by diffusion-weighted imaging after radiofrequency ablation for foetal reduction in monozygotic pregnancies**
Journal Of Obstetrics And Gynaecology , Aug 18 2022 | Jun 2022, 42 (6) , pp.2542-2544

103- Moradi, B (Moradi, Behnaz) ; Badraqe, N (Badraqe, Narges) ; Sharbaf, FR (Rahimi Sharbaf, Fatemeh) ; **Firouznia, K (Firouznia, Kavous)** ; Shirazi, M (Shirazi, Mahboobeh) ; Kazemi, MA (Kazemi, Mohammad Ali) ; Rahimi, R (Rahimi, Rahil) **Early detection of ischemic brain injuries by diffusion-weighted imaging after radiofrequency ablation for fetal reduction in monozygotic pregnancies**
Journal Of Clinical Ultrasound, Nov 2022 | May 2022, 50 (9) , Pp.1288-1296

104- Kazemi, MA (Kazemi, Mohammad Ali) ; Ghasemi, A (Ghasemi, Ali) ; Casselman, JW (Casselman, Jan W.) ; Shafiei, M (Shafiei, Mohammad) ; Zarandy, MM (Zarandy, Masoud Motasaddi) ; Sharifian, H (Sharifian, Hashem) ; Hashemi, H (Hashemi, Hassan) ; **Firouznia, K (Firouznia, Kavous)** ; Moradi, B (Moradi, Behnaz) ; Kasani, K (Kasani, Kianosh) [10] ; Etemadimanesh, A (Etemadimanesh, Azin) **Correlation of semi-quantitative findings of endolymphatic hydrops in MRI with the audiometric findings in patients with Meniere's disease**
Journal Of Otolaryngology, Jul 2022/17 (3) , pp.123-129

105- M. Mohammadzadeh, S. Kolahi, M.-M. Mehrabi Nejad, **K. Firouznia**, H. Naghibi, A. Mohammadzadeh, M. Shakiba, F. Mohebi, H. Komaki, H. Sharifian, H. Hashemi, M.H. Harirchian, A. Azimi, M.E. Adin and D.M. Yousem **Does Gadolinium Deposition Lead to Metabolite Alteration in the Dentate Nucleus? An MRS Study in Patients with MS**
American Journal of Neuroradiology, 2022, 43(10), pp. 1403-1410

2023

106- Hasanzadeh, A (Hasanzadeh, Alireza) [1] , [2] ; Moghaddam, HS (Moghaddam, Hossein Sanjari) [1] , [2] ; Shakiba, M (Shakiba, Madjid) [2] ; Jalali, AH (Jalali, Amir Hossein) [2] ; **Firouznia, K** ; **The Role of Multimodal Imaging in Differentiating Vasogenic from Infiltrative Edema: A Systematic Review**
Indian Journal Of Radiology And Imaging, Oct 2023 | Aug 2023

107- Ghanaati, H ; Avnaki, MA ; Ghavami, ; Abbastabar, H ; Shakiba, M ; Firouznia, S ; Jalali, AH ; **Firouznia, K (Corresponding Author)** **Pregnancy Rate and Outcomes Following Uterine Artery Embolization for Uterine Arteriovenous Malformations: A Systematic Review and Meta-Analysis**
Journal of Vascular and Interventional Radiology, 2023

108-Ghazaleh Amjad 1 , Mehdi Zeinali Zadeh 2 , Farid Azmoudeh-Ardalan 3 , Amir Hossein Jalali 4 , Madjid Shakiba 4 , Nafiseh Ghavami 4 , Zeynab Oghabian 5 , Mohammad Ali Oghabian 5 , Saba Firouznia 6 , Behrouz Rafiei 7 , Parto Sabet Rasekh 4 , Farzad Tahmasebi Arashloo 8 , **Kavous Firouznia (Corresponding Author)** ; **Evaluation of multimodal MR imaging for differentiating infiltrative versus reactive edema in brain gliomas**
Br J Neurosurg. 2023 Oct;37(5):1031-1039

2024

109-Issaiy, M., Ghanaati, H., Kolahi, S., (...), Avnaki, M.A., **Firouznia, K. (Corresponding Author)** **Methodological insights into ChatGPT's screening performance in systematic reviews**
2024 (2024-12-1) / Original Article

110- Ghanaati, H; Zarei, D; (...); **Firouznia, K (Corresponding Author)** **Efficacy and Safety of Preoperative Embolization in Glomus Jugulare Tumors: A Systematic Review and Meta-analysis of Clinical Outcomes and Complications**
Cardiovascular And Interventional Radiology, Mar 2024 (Early Access)

111- Ghanaati, H; Jalali, AH; (...); **Firouznia, K (Corresponding Author)** **Long-Term Clinical and Imaging Findings in Patients with Lower Extremity Varicose Veins Treated with Endovenous Laser Treatment: A Follow-Up Study of up to 12 Years**
International Journal Of Vascular Medicine, Feb 6 2024

112- Ghanaati H, **Firouznia K**, Moradi B, Behestani S **Correction to: Fertility Outcomes After Uterine Artery Embolization for Symptomatic Uterine Arteriovenous Malformations: A Single-Center Retrospective Study in 33 Women**
Cardiovasc Intervent Radiol. 2024 Jun;47(6):855. doi: 10.1007/s00270-024-03753-6

113- Kolahi S., Zarei D., Issaiy M., Shakiba M., Azizi N., Firouznia K. **Choroid plexus volume changes in multiple sclerosis: insights from a systematic review and meta-analysis of magnetic resonance imaging studies**
Neuroradiology, 2024

Presentations: 60 oral presentations in international meetings

Computer Skills:

Windows, Office, SPSS

Language Skills:

Farsi (mother tongue)

English (IELTS Band score: 8)

French (Moderate)

Arabic (Moderate)