

Curriculum Vitae



Fatemeh Amiri

Personal Information

Address and Telephone Numbers:

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Present Position: Faculty member of Paramedical University

Education

Educational Record

M.Sc. in Medical Physics, Kermanshah University of Medical Sciences, Department Medical Sciences, Kermanshah, Iran 2013-2016

Thesis: The peripheral dose outside the applicator in electron beams of Elekta linear accelerator
Supervisor: Dr. Abas Haghparast.

BSc in Radiology Technology, Kermanshah University of Medical sciences, Department of Radiology, Kermanshah, Iran 2008-2011

Professional Work

Faculty member of Radiology and Nuclear Medicine School of Paramedical Sciences, Kermanshah University of Medical Sciences, Kermanshah, Iran, 2017 -present.

Mentor Internship of Radiology and Nuclear Medicine Student in Imam Reza Hospital, Kermanshah University of Medical Sciences, Kermanshah, Iran, 2015 -present.

Academic Positions: Faculty member of Paramedical University

Honors and Award

1. Award of Premier National Student in competition of Health Ministry, 2014.
2. Award of Premier Article in National Congress of Paramedical Students, Tehran, Iran, 2013.

Professional Qualifications Familiar with

1. Dosimetry; Film dosimetry (EBT3- EDRII)
2. Matlab
3. Statistical analysis software (SPSS)
4. Microsoft Office
5. ENDNOTE

Publication (Journal Paper)

- ✓ Rasoul Tohidnia M, Rasool A, Fatemeh A, Rahimi SA, Neda A, Hosna S. Evaluation of Radiation Protection Principles Observance in Dental Radiography Centers (West of Iran): Cross-Sectional Study. *Radiation protection dosimetry*. 2020 Jun;190(1):1-5.
- ✓ Haghparast, A., Amiri, F., Yarahmadi, M., Rezaei, M. The peripheral dose outside the applicator in electron beams of an Elekta linear accelerator. *Australasian Physical and Engineering Sciences in Medicine*. 2018; 41(3):647-55.
- ✓ Amiri F, Tohidnia MR, Haydarizadi S, Azmoonfar R. Contrast Agents and Observing Patient Safety Programs in Radiology Departments in Kermanshah Province Hospitals in West of Iran. *Acta Informatica Medica*. 2018;26(1):42-45.
- ✓ Amiri F, Shamsi M B, Tohidnia M R. The Study of disc herniation frequency of lumbar vertebrae based on MRI findings of patient with low back pain referred to Imam Reza Hospital imaging center. *J Clin Res Paramed Sci* 2017; 6(1):84-8.
- ✓ M R Tohidniya, F Amiri, K Khoshgard, Z Hormozi Moghadam. Evaluation of the observance of radiation protection principle in Intensive Care Units at Imam Reza Hospital of Kermanshah. *Payavard Salamat*. 2016; 10(6):470-478.
- ✓ Amiri F ,Pourkaveh M, Haghparast A, Hashemian AH. Magnetic Resonance Imaging of Central Nervous System and Paranasal Sinuses in Multiple Sclerosis Patients: Findings from a Survey of Clinical Records in Kermanshah Province. *International Journal of Hospital Research*. 2015; 4(3):119-122.
- ✓ Amiri F, Hormozimoghadam Z, Dehlaghi V, Tohidnia MR, Hashemian AH. Evaluation protective standards in diagnostic radiography department of Kermanshah hospitals 2010. 2010; 2(2):13-20.

Oral and Poster Presentation in Congress

- ✓ F Amiri, MR Tohidnia, H Mohseni, H Khateri, M Mirzai. Radiation protection principles in radiology centers in Kermanshah province 2019. 18th Iranian Congress of Radiographic of Sciences. Tehran, Iran, 2021.
- ✓ R Azmunfar, MR Tohidnia, F Amiri. The Effect of Panoramic Radiography on the Diagnosis of Lesions in Dentistry and Its Effect on Cumulative Dose. 12th Iranian Congress of Medical Physics, Tehran, Iran, 2018.
- ✓ A Haghparast, F Amiri, MYarahmadi. M Rezaei. Comparing experimental assessment of the peripheral dose outside the applicator in electron beams of ELEKTA with Treatment planning system. 12th Iranian Congress of Medical Physics, Tehran, Iran, 2018.
- ✓ GH Roshani, Azarmand Z, F Amiri. Diagnosis of breast cancer type using perceptron multi-layer neural network. 3th international Conference on Electrical Engineering. Tehran, Iran. 2018.

- ✓ N Miri, MR Tohidnia. Frequency of injury due accident of motor bicycles in radiograph in Tehran 2016.3th of south-west region.2017. Dezful, Iran.
- ✓ F Amiri, A Haghparast, M Yarahmadi, M Rezaei. The assessment of principle dose outside the applicator in electron beams of ELEKTA linear accelerator. The First Iranian International Clinical Oncology Congress. Tehran, Iran,2016.
- ✓ M Pourkaveh. F Amiri. A comparative survey of the awareness level of working doctors and medical student in Hamadan province concerning medical response and preparedness in nuclear accidents. International congress of radiology. Tehran. Iran, 2016.
- ✓ M Pourkaveh. F Amiri. Magnetic resonance imaging of central nervous system and paranasal sinuses in multiple sclerosis patients: finding from a survey of clinical records in Kermanshah province. International congress of radiology. Tehran, Iran, 2016.
- ✓ F Amiri, A Hagparast. Comparison between Ultrasound and Magnetic Resonance Imaging in diagnosis of feotal abnormally. 11th conference of medical physics. Tehran. Iran. 2014.
- ✓ F Amiri, A Hagparast. Respecting protection measures in radiographers in radiology department of hospitals in Islam Abad Gharb. 11th conference of medical physics. Tehran. Iran. 2014.
- ✓ F Amiri, N Farshchian, D Afshari, MR Tohidniya, AH Hashemian. The study of magnetic resonance imaging findings in central nervous system and paranasal sinuses in patients with multiple sclerosis population of Kermanshah during 2001-2011. 8th International Congress of MS. Mashad. Iran.2013.

- ✓ F Amiri, Z Hormozi Moghadam. comparison of three-dimensional cone beam tomography (CBCT) and conventional computed tomography (CT) in diagnosing paranasal sinus diseases. 4th Congress of Face and Jaw Radiology. Isfahan. Iran. 2013.
- ✓ F Amiri, Z Hormozi Moghadam. Radiation protection in radiography examination of mouth. 4th Congress of Face and Jaw Radiology. Isfahan. Iran. 2013.
- ✓ F Amiri. Comparison MRI and CT-Scan in diagnosis of knee joint defect. Annual Student Congress of Kermanshah University of Medical Science. Kermanshah. Iran 2012.
- ✓ S Alikhani, MR Tohidnia, T Neirizi, F Amiri. Frequency of Fused disorder in dental panoramic Radiography of patient referring to in elected centers of Kermanshah city. Annual Student Congress of Kermanshah University of Medical Science. Kermanshah. Iran 2012.
- ✓ F Amiri, MR Tohidnia, Z Hormozi Moghadam. Impact of picture archive and communication system of medical image in Intensive Care Unit. 6th National Congress of Paramedical Student. Tehran. Iran.2012.
- ✓ F Amiri, MR Tohidnia, Z Hormozi Moghadam. Impact of Magnetic Resonance Imaging of brain in patients suffering headache. 6th National Congress of Paramedical Student. Tehran. Iran.2012.
- ✓ F Amiri, MR Tohidnia, Z Hormozi Moghadam The application and characteristics of nanoparticles used as contrast agents in magnetic resonance imaging. 6th National Congress of Paramedical Student. Tehran. Iran.2012.
- ✓ (Premier poster) F Amiri. Magnetic Resonance Cholangiopancreatography: MRCP. 6th National Congress of Paramedical Student. Tehran. Iran.2012.
- ✓ F Amiri, MR Tohidnia. Picture Archive and Communication System: promotion in Imaging System.4th National Congress of Kurdistan University of medical science. Kurdistan. Kermanshah. Iran. 2012.
- ✓ F Amiri, Z Hormozi Moghadam. MR Tohidnia. Digital and Conventional Radiography. 5th National Congress of Paramedical Student. Tehran. Iran.2012.
- ✓ F Amiri, Z Hormozi Moghadam. MR Tohidnia. Comparison 3-D and conventional Sonography.

- ✓ F Amiri, M Kolivand. Comparison digital and conventional mammography in screening breast cancer. Nursing & Midwifery cares in chronic disease. Kermanshah, Iran. 2012.
- ✓ F Amiri, MR Tohidnia. Comparison cost to efficacious of radiography examination in breast cancer screening. Nursing & Midwifery cares in chronic disease. Kermanshah, Iran. 2012.
- ✓ F Amiri, MR Tohidnia. Radiation protection in Intensive Care Unit. Congress of Intensive Care. Kermanshah, Iran, 2011.
- ✓ F Amiri, MR Tohidnia. Risk and Radiation Protection for patient. Congress of Intensive Care. Kermanshah, Iran, 2011.
- ✓ F Amiri, Z Hormozi Moghadam, MR Tohidnia. Ways of reduction peripheral dose of radiography neonatal intensive care unit. Congress of Intensive Care. Kermanshah, Iran, 2011.
- ✓ . Z Hormozi Moghadam, F Amiri, MR Tohidnia, V Dehlaghi. AM Hashemian. Evaluation protective standards in diagnostic radiography department of kermanshah hospitals .First Student Congress of Radiation Sciences. Shiraz, Iran.2011.

Synergetic Activity

1. Member of Research committee in Kermanshah University of medical sciences, paramedical school, Kermanshah, Iran. (3 years)

Research Interest

1. Dosimetry
2. Radiation protection
3. Imaging
4. Contrast Media
5. Clinical research