

Curriculum Vitae



Alireza Farajollahi (PhD)
Professor of Medical Physics

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Languages Skills

Fluent in: Turkish, Farsi and good in English.

Education

1999

Ph.D.,

Division of Medical Physics, Faculty of Medicine,
Leicester University, Leicester Royal Infirmary,
Leicester LE1 5WW, UK

1994

M.Sc.,

Division of Medical Physics, Faculty of Medicine,
Dundee University, Ninewells Hospital and Medical School,
Dundee DD1 9SY, UK

1988

B.Sc.,

School of Radiography, Faculty of Medicine,
Shiraz University of Medical Sciences, Shiraz, Iran.

Faculty Appointments

- Nov. 2014–Present** **Professor**, Medical physics, Faculty of Medicine,
Tabriz University of Medical Sciences, Tabriz, Iran
- Feb. 2006– Nov. 2014** **Associate professor**, Medical physics, Faculty of
Medicine, Tabriz University of Medical Sciences, Tabriz, Iran.
- Jun. 1999– Feb. 2006** **Assistant Professor**, Medical physics, Faculty of Medicine, Tabriz
University of Medical Sciences, Tabriz, Iran.

Administrative Appointments

- Apr.2015– Present** Part-time Academic Staff Researcher, Medical Education Research Center,
Tabriz University of Medical Sciences, Tabriz, Iran
- May.2015– Present** Advisory Editor and Reviewer for Journal of Analytical Research in Clinical
Medicine, Tabriz University of Medical Sciences, Tabriz, Iran.
- Nov.2015– Present** Committee Secretary of Provincial Students' Sport and Cultural Competitions
Festival, Tabriz University of Medical Sciences, Tabriz, Iran
- Nov.2015– Present** Physical education adviser, Tabriz University off Medical Sciences, Tabriz,
Iran
- May.2014– Present** Secretary of the Advisory Council of Physical Education in the northwestern
area, Ministry of Health and Medical Education, Tehran, Iran
- May.2014– Present** Physical Education Director, Tabriz University of Medical Sciences, Tabriz,
Iran
- Mar. 2014– Aug. 2015** Deputy Dean of Research and Technology & Director of International
Relations, International Branch of Tabriz University of Medical Sciences
(Aras), Jolfa, Iran.
- Mar. 2012– Mar. 2014** Head of the Health Physics, Faculty of Medicine, Tabriz University of
Medical Sciences, Tabriz, Iran.
- May.2010– May. 2011** Director of International Relations, Tabriz University of Medical Sciences,
Tabriz, Iran.
- Feb.2010–Present** Scientific Director of Reference Manager workshop, (RDCC), Faculty of
Medicine, Tabriz University of Medical Sciences, Tabriz, Iran.

- Jan.2009–Present** Head of English Department, Faculty of Medicine, Tabriz University of Medical Sciences, Tabriz, Iran.
- Dec.2008–Present** Deputy Dean of post Graduate education for Department of Medical Physics, Faculty of medicine, Tabriz University of Medical Sciences, Tabriz, Iran.
- Nov. 2007–May. 2008** Vice chancellor, Dean of International Branch of Tabriz University of Medical Sciences (Aras), Jolfa, Iran.
- Jan. 2006– May.2008** Executive Director of Research Development & Coordination Center (RDCC), Faculty of Medicine, Tabriz University of Medical Sciences, Tabriz, Iran.
- Oct. 2001–Aug. 2007** Deputy Dean for Research, Faculty of Medicine, Tabriz University of Medical Sciences, Tabriz, Iran.
- May. 2001– Apr. 2006** Department Head of Medical Physics Division, Faculty of Medicine, Tabriz University of Medical Sciences, Tabriz, Iran.
- Jul. 2000–Present** Radiotherapy physicist, Radiotherapy Department, Imam Khomeini Hospital, Tabriz University of Medical Sciences, Tabriz, Iran.
- Jul. 1989–Nov.1993** Radiology Education director, Faculty of Paramedical Sciences, Tabriz University of Medical Sciences, Tabriz, Iran.
- Mar. 1985– Jul. 1989** Radiology Expert, Shohada Hospital, Tabriz University of Medical Sciences, Tabriz, Iran.

Memberships

Academic and Institutional Committees and Activities

- Dec.2011–Present** Member of Accreditation Committee for the electronic self-education programs, Continuous Education Center, Tabriz University of Medical Sciences, Tabriz, Iran.
- Apr. 2014–Sep. 2015** Member of Research Council, International Branch of Tabriz University of Medical Sciences (Aras), Tabriz, Iran.
- Apr. 2014–Sep. 2015** Member of Research Council, Tabriz University of Medical Sciences, Tabriz, Iran.
- Feb.2012– Jan.2015** Member of Board and Evaluation of Medical Physics and Radiation Protection and Radiological, Ministry of Health and Medical Education, Tehran, Iran.
- Jul.2012– Jan.2015** Member of Planning and evaluation of Radiotherapy Committee, Ministry of Health and Medical Education, Tehran, Iran.
- Jul.2012– Jan.2015** Member of Planning and evaluation of radiobiology Committee, Ministry of Health and Medical Education, Tehran, Iran.
- Nov. 2011–Present** Member of Evaluation Committee, Faculty of Medicine, Tabriz University of Medical Sciences, Tabriz, Iran.
- Oct. 2011–Present** Member of Football Athletic Association, Tabriz University of Medical Sciences, Tabriz, Iran.
- Aug.2010–Present** Member of Research Council, Graduate of Faculty of Medicine, Tabriz University of Medical Sciences, Tabriz, Iran.
- May.2009– May.2010** Member of Theses Evaluation Committee, Faculty of Medicine, Tabriz University of Medical Sciences, Tabriz, Iran.
- Aug.2009– Present** Member of English Evaluation Committee, Promotion sector of faculty members, Tabriz University of Medical Sciences, Tabriz, Iran.
- Jun.2008– Present** Member of Research Council, Medical Education Research Center, Tabriz University of Medical Sciences, Tabriz, Iran.
- Dec.2008– Dec.2010** Member of policy and programming Council, National Research Institute Rab'-e Rashidi, Tabriz University of Medical Sciences, Tabriz, Iran.
- Oct. 2001–Aug. 2007** Member of Research Council, Tabriz University of Medical Sciences, Tabriz, Iran.
- May.2000– Present** Member of substance eight law of radiation protection Commission, Tabriz University of Medical Sciences, Tabriz, Iran.

PATENTS

Iranian Patent No.: 82818; Date: 07/05/2014, **Automatized Portable Irradiation System**,
AliReza Farajollahi, Azim Khajeali.

PUBLICATIONS

Published Books

1. An Introduction to Radiographic Technique, translated by **Ali Reza Farajollahi**,
1990.

Published papers

1. Ali Tarighatnia, Amir Hossein Mohammad Alian, Morteza Ghojzadeh, **Ali Reza Farajollahi**. Comparison of the patient radiation exposure during coronary angiography and angioplasty procedures using trans-radial and trans-femoral access. **J Cardiovasc Thorac Res**, 2016, 8(2), 77-82. (**2016**)
2. Jalil Pirayesh-Islamian, Mohsen Mohammadi, Behzad Baradaran, **Alireza Farajollahi**, Mahmoudreza Agamiri, Mohammad Asghari Jafarabadi, Haadi Karami, Amir Monfaredan, Dariush Shanehbandi. Enhancing radiosensitivity of TE1, TE8, and TE 11 esophageal squamous carcinoma cell lines by Hdm2-siRNA targeted gene therapy in vitro. **BioImpacts**, 6(2), 93-98. (**2016**)
3. Pirayesh Islamian, J., **Farajollahi, A.**, Mehrali, H., Hatamian, M. Radioprotective Effects of Amifostine and Lycopene on Human Peripheral Blood Lymphocytes In Vitro. **Journal of Medical Imaging and Radiation Sciences**, Volume 47, Issue 1, March 2016, Pages 49–54. (**2016**)
4. Oladghaffari M, Islamian JP, Baradaran B, Monfared AS, **Farajollahi A**, Shanehbandi D, Mohammadi M. High Efficiency Apoptosis Induction in Breast Cancer Cell Lines by MLN4924/2DG Co-Treatment. **Asian Pac J Cancer Prev**. 16(13):5471-6. (**2015**)
5. Jalil Pirayesh Islamian, Fahimeh Aghaei, **Alireza Farajollahi**, Behzad Baradaran, Mona Fazel. Combined Treatment with 2-Deoxy-D-Glucose and Doxorubicin Enhances the in Vitro Efficiency of Breast Cancer Radiotherapy. **Asian Pacific Journal of Cancer Prevention**, Vol 16. (**2015**)

6. Roghayeh Khodadadi, Azim Khajeali, **Ali Reza Farajollahi**, Parisa Hajalioghli, Noorallah Raeisi. Comparison of non-electrophoresis grade with electrophoresis grade BIS in NIPAM polymer gel preparation. **BioImpacts**, 5(3), 129-133. (2015)(Corresponding author).
7. Roghayeh Khodadadi, Azim Khajeali, **Ali Reza Farajollahi**, Jamal Eivazi Ziaei, Parisa Hajalioghli. Dosimetric properties of N-isopropylacrylamide polymer gel using nonelectrophoresis grade BIS in preparation. **Journal of Cancer Research and Therapeutics** - Volume 11 - Issue 3. (2015) (Corresponding author).
8. Azim Khajeali, **AliReza Farajollahi**, Yaser Kasesaz, Roghayeh Khodadadi, Assef Khalili, Alireza Naseri. Capability of NIPAM polymer gel in recording dose from the interaction of 10B and thermal neutron in BNCT. **Applied Radiation and Isotopes** 105,257–263. (2015) (Corresponding author).
9. Khajeali A, **Farajollahi AR**, Khodadadi R, Kasesaz Y, Khalili A. Role of gel dosimeters in boron neutron captures therapy. **Appl Radiat Isot.** Sep; 103:72-81. (2015) (Corresponding author).
10. F. Bouzarjomehri, M. Kiani , **A.R. Farajollahi**. The comparison of standard lead with individual mold shielding on patient dose. **IJRR (International Journal of Radiation Research)**, 13(2): 197-200. (2015) (Corresponding author).
11. **Farajollahi AR**, Bouzarjomehri F, Kiani M. Comparison between Clinically Used Irregular Fields Shielded by Cerrobend and Standard Lead Blocks. **J Biomed Phys Eng.** Jun 1; 5(2):77-82. (2015)
12. **Alireza Farajollahi**, Morteza Ghojazadeh, Ali Movaffagi, Hossein Alikhah, Mohammad Naghavi-Behzad. Association of academic education and practical capabilities of radiology technologists. **Journal of Analytical Research in Clinical Medicine (JARCM)**; 3(1):23-29. (2015)
13. **Farajollahi A**, Rahimi A, Khayati Shal E, Ghaffari S, Ghojazadeh M, Tajlil A, Aslanabadi N. Patient's Radiation Exposure in Coronary Angiography and Angioplasty: The Impact of Different Projections. **J Cardiovasc Thorac Res**; 6(4):247-52. (2014)
14. **Farajollahi A.R**, Amini A, Rashidi MR, Shahbazi A, Daemi A. The Analysis of Situation within International -Relations Management in Terms of using Foreign Scholars and Experts and Holding Training Courses for Foreign Students at Tabriz University of Medical. **Quarterly Journal of Educational Development of Jundishapur.** Volume: 5, Number: 2. (2014). (in Farsi)
15. **A.R. Farajollahi**, Dr. F. Pak, M. Horsfield , Z. Myabi. The basic radiation properties of the N-isopropylacrylamide based polymer gel dosimeter. **International Journal of Radiation Research**, 12(4): 347-354. (2014)
16. **Farajollahi AR**, Fouladi DF, Ghojazadeh M, Movafaghi A. Radiographers' professional knowledge regarding parameters and safety issues in plain radiography: a questionnaire survey. **Br J Radiol.**Aug; 87(1040): 20140090. (2014)

17. **Alireza Farajollahi**, AminiA, Rashidi MR, Shahbazi A, Azimi S. Situational Analysis of the conference and congresses held in Tabriz University of Medical Sciences: 2005-2010. **Res Dev Med Educ.**3 (1), 53-60. (2014)
18. **Alireza Farajollahi**, Kamran Sedagat, Mahasti Alizadeh, Masoumah Imanzad, Asghar Ashrafi Hafez. Effect of intra-organizational factors on research. **Journal of Paramedical Sciences**. Spring, vol.5, no.2. (2014)
19. **Alireza Farajollahi**, Samad SHAMS VAHDATI, Arezou TAJLIL. The Effectiveness of Calcium Scoring Alongside Coronary Com-puted Tomography Angiography in Patients with Low-Likeli-hood of Chest Pain Iranian J Publ Health, Vol. 42, No. 11, Nov, pp. 1329-1330. (2013)
20. Farideh Pak, **Alireza Farajollahi**, Ali Movafaghi, Alireza Naseri. Influencing Factors on Reproducibility and Stability of MRI NIPAM Polymer Gel Dosimeter. **BioImpacts**, 3(4), 163-168. (2013) (Corresponding author).
21. Marziyeh Fathi, **Alireza Farajollahi** and Ali Akbar Entezamia. Synthesis of fast response crosslinked PVA-g-NIPAAm nanohydrogels by very low radiation dose in dilute aqueous solution. **Radiation Physics and Chemistry**56M, 45-154. (2013)
22. **Alireza Farajollahi**, Abolghasem Amini, Mohammad Reza Rashidi, Abbas Shahbazi, Saber Azami-Aghdash. The Situation Analysis of the International Relations Management and Inter- University Collaboration in Tabriz University of Medical Sciences during the Years 2005. **Journal of Analytical Research in Clinical Medicine (JARCM)**; 1(1): 25-31. (2013)
23. **Farajollahi A.R**, Sedagat K, Alizadeh M, Ashrafi Hafez, Boostani H. Evaluation of Research Limiting and Potentiating Factors Among The Scientific Board Members of Tabriz University of Medical Sciences. **Quarterly Journal of Ilam University of Medical Science**, 21. (2013).(in Farsi)
24. N Jabbari, B Hashemi-Malayeri, **A R Farajollahi**, A Kazemnejad. Monte Carlo calculation of scattered radiation from applicators in low energy clinical electron beams, **nukleonika**, 52(3):97-103. (2007)
25. N Jabbari, B Hashemi-Malayeri, **A R Farajollahi**, A Kazemnejad, A Shafaei and S Jabbari. Evaluation of 6 and 8 MeV Clinical Electron Beams from NEPTUN 10PC Linear Accelerator Using Monte Carlo Method, **J of Nuclear Sci. and Tech**, No. 40, pp. 11-18. (2007). (in Farsi)
26. Mesbahi A, Mehnati P, Keshtkar A, **Farajollahi AR**. DOSimetric properties of a flattening filter-free 6-MV photon beam: a Monte Carlo Study. **Radiat. Med. Journal**. 25:315-324. (2007)
27. N Jabbari, B Hashemi-Malayeri, **A R Farajollahi**, A Kazemnejad, A Shafaei and S Jabbari., Comparison of MCNP4C and EGSnrc Monte Carlo codes in depth-dose calculation of low energy clinical electron beams. **J. Phys. D: Appl. Phys.** 40, 4519-4524. (2007)
28. Mesbahi A, **Farajollahi AR**, Seyed Oskoe G, Naseri AR. Comparison of Prescribed and Delivered Dose to Patients in Radiotherapy Department of Tabriz Imam-Khomeini Hospital Using In Vivo Dosimetry. **Medical Journal of Tabriz University of Medical Sciences**, Vol 28, No. 4, pp 103-107. (2007) . (in Farsi)

29. **Farajollahi AR**, Sedaghat K, Alizadeh M, Ashrafi Hafez A. Description and Pathology of Research Development in Tabriz Medical University. **Journal of Medical Education**, Vol 9, no. 2. pp 105-113. **(2006)**
30. **A.R Farajollahi**, A Mesbahi. Monte Carlo dose calculations for a 6-MV photon beam in a thorax phantom. **Radiat Med.** 24(4): pp 269-76. **(2006)** .(in Farsi)
31. Vahideh Zarea, **A.R Farajollahi**. The accuracy of cited internet-based resources in speciality theses of medicine. **Quarterly Book**, 61, PP 9-16. **(2005)**
32. **A.R Farajollahi**, D E Bonnett, D Tattam, S Green. The potential use of polymer gel dosimetry in boron neutron capture therapy. **Phys. Med. Biol**, vol 45(1), ppN9-N14. **(2000)**
33. **A.R Farajollahi**, D E Bonnett, A J Ratcliffe, R J Aukett, J A Mills. An investigation into the use of polymer gel dosimetry in low dose rate brachytherapy. **BJR**, vol 72, pp1085-1092. **(1999)**
34. **A.R Farajollahi**, D Sutton. Evaluation of a new ultraviolet-emitting rare-earth film-screen combination. **BJR**, vol 70, pp 629-634. **(1997)**

Thesis Abstract:

35. **A.R Farajollahi**. An investigation into the applications of polymer gel dosimetry in Radiotherapy. **Med. Phys.** 26(3). **(1999)**

Presentations

1. Mohammad Alian AH, **Farajollahi A**, Tarighatnia A, Ghojzadeh M .(**2016**). Operator and patient radiation dose difference in Coronary angiography and PCI between transradial and transfemoral access. **32nd Iranian Congress of Radiology & 14th Iranian Congress of Radiographic Science Association**. Tehran. Iran.
2. Mohammad Alian AH, Tarighatnia A, **Farajollahi A**, Ghojzadeh M. (**2016**). Efficacy, Clinical Safety and Patient Radiation between Radial and Femoral Access during Coronary Procedures: The Randomized Study. **4th Iranian Cardiovascular Joint Congress (ICJC)**. Tehran. Iran.
3. Tarighatnia A, **Farajollahi A**, Mohammad Alian AH, Ghojzadeh M .(**2016**). The effect of single catheter on patient and operator radiation dose during transradial coronary angiography. **14th INTERNATIONAL Congress of the International Radiation Protection Association (IRPA)**. Cape Town International Convention Centre, South Africa.
4. Tarighatnia A, Khaleghi A, **Farajollahi A**, Mohammad Alian AH, Ghojzadeh M . (**2016**). The impact of both radial & pelvic lead shields on operator radiation exposure during trans-radial Conorary Procedures. **14th INTERNATIONAL Congress of the International Radiation Protection Association (IRPA)**. Cape Town International Convention Centre, South Africa.
5. Tarighatnia A, Khaleghi A, **Farajollahi A**, Ghojzadeh M .(**2015**). Operator and patient radiation dose difference in coronary angiography and PCI between transradial and transfemoral access. **The Second Annual Iranian Conference on Transradial Angiography and Intervention**. Isfahan-Iran.
6. Tarighatnia A, Khaleghi A, **Farajollahi A**, Mohammad Alian AH .(**2015**). Radiation dose of operator and patient by using shngle catheter nd double catheter in Transradial coronary angiography. **The Second Annual Iranian Conference on Transradial Angiography and Intervention**. Isfahan-Iran.
7. Mohammad Alian AH, **Farajollahi A**, Tarighatnia A, Ghojzadeh M .(**2015**). Patient Radiation Exposure in Transradial and Transfemoral Coronary Angiography and Angioplasty. **17th National Congress o Cardiovascular Update**. Tehran-Iran.
8. Mohammad Alian AH, **Farajollahi A**, Tarighatnia A, Ghojzadeh M. (**2015**). Our Experience in PCI through Transradial Vascular Access Site. **17th National Congress o Cardiovascular Update**. Tehran-Iran.
9. Mohammad Alian AH, **Farajollahi A**, Tarighatnia A, Ghojzadeh M .(**2015**). Patient Radiation Exposure in Transradial and Transfemoral Coronary Angiography and Angioplasty. **4th Advanced International Master class (AIM-RADIAL 2015)**. Liverpool, UK.
10. Mohammad Alian AH, **Farajollahi A**, Tarighatnia A, Ghojzadeh M. (**2015**). Our Experience in PCI through Transradial Vascular Access Site. **4th Advanced International Master class (AIM-RADIAL 2015)**. Liverpool, UK
11. Mohammadi M, Pirayesh Islamian J, Ghamiri MR, **Farajollahi AR**, Baradaran B. (**2014**). Studing of the effect of combine radiotherapy and gene therapy by siRNA

- technology on the frequency of apoptosis induction in SCC of esophagus. **The 12th scientific Congress of radiographic sciences of Iran.** Tehran-Iran.
12. Pirayesh J , Mohammadi M, Aghamiri MR, Baradaran B, **Farajollahi AR**, Asghari M. (2014). Enhancing the radiosensitivity of Esophagus Squamos Cell Carcinoma by Hdm2 suppression with siRNA. **11th Iranian Conference in Medical Physics.** Tehran. Iran.
 13. A. Khajeali, **A. Farajollahi**, Y. Kasesaz, R. Khodadadi, Raisi N. (2014). **11th Iranian Conference in Medical Physics.** Tehran. Iran.
بررسی پاسخ پلیمر ژل NIPAM به نوترون و مقایسه آن با پاسخ به گاما
 14. A. Khajeali, **A. Farajollahi**, Y. Kasesaz, R. Khodadadi, Raisi N. (2014). Potential application of NIPAM polymer gel for dosimetric purposes in BNCT. **11th Iranian Conference in Medical Physics.** Tehran. Iran.
 15. A. Khajeali, **A. Farajollahi**, Y. Kasesaz, R. Khodadadi, Raisi N. (2014). **11th Iranian Conference in Medical Physics.** Tehran. Iran.
بررسی توزیع دز حاصل از ستون حرارتی راکتور تحقیقاتی تهران با استفاده از فانتوم معادل بافت
 16. F. pak, **A. Farajollahi**, V. Vaezzadeh. (2014). **11th Iranian Conference in Medical Physics.** Tehran. Iran.
بررسی تأثیر دز تصویربرداری سی تی بر صحت پاسخ پلیمر ژل دزیمتر NIPAM
 17. A. Khajeali, **A. Farajollahi**, Y. Kasesaz, R. Khodadadi, Raisi N. (2014). **11th Iranian Conference in Medical Physics.** Tehran. Iran.
بررسی امکان جایگزینی BIS با کلاس غیر الکتروفورز بجای BIS الکتروفورز در ساخت پلیمر ژل NIPAM
 18. A. Khajeali, **A. Farajollahi**, Y. Kasesaz, R. Khodadadi. (2014). Potential application of NIPAM polymer gel for dosimetric purposes in BNCT. **16th International Congress on Neutron Capture Therapy.** Helsinki, Finland.
 19. Azim Khajeali, **Alireza Farajollahi**, Mahdi Rezvanifard, Roghayeh Khodadadi and Noorallah Reisie, (2013). Potential application of NIPAM polymer gel for dosimetric purposes in BNCT, **Cancer Science & Therapy**, San Francisco, USA.
 20. Aghae F, Baradaran B, Mohammadzadeh M, Asghari Jfarabadi M, Mesbahi A, **Farajollahi AR** . (2013).Enhancing the efficiency of radiotherapy for breast cancer cells (SKBr3&T47D) by a combined therapy method with chemotherapy (2DG/DOX). **8th International breast cancer congress**, Tehran, Iran.
 21. **Farajollahi AR**, shams vahdati S, tajlil A. (2012).The effectiveness of calcium scoring alongside coronary computed tomography angiography in patients with low- likelihood of chest pain. **3rd EACEM EurAsian**, Antalya.turkey.
 22. Pak F, **Farajollahi AR**, Miabi Z. (2012). The Basic Dosimetric Properties of NIPAM Polymer Gel Dosimeter, **54th Annual Meeting AAPM.** Charlotte. NC.
 23. Fathi M, **Farajollahi AR**, Antezami AA. (2012).Synthesis of thermosensitive PVA-g-NIPAAm nanohydrogels by radiation polymerization. **1st New and Advanced Materials International congress**, Isfahan,Iran.

24. Pak F, **Farajollahi AR**, Miabi Z. (2011). Advantages and Limitations of NIPAM Polymer Gel Dosimeter. **The 1st MEFOMP International Conference of Medical Physics**, Shiraz. Iran.
25. Pournaghi Azar F, Ghojazadeh M, Rashidi M.R, **Farajollahi AR**, Hajebrahimi S. (2011) IRANIAN MEDICAL JOURNAL EDITORS AND RESEARCHERS PERCEPTION ABOUT AUTHORSHIP AND RELATED ETHICAL ISSUES IN MEDICAL PUBLICATIONS. **Medic Resic**, Turkey.
26. Ghojazadeh M, Pournaghi Azar F, Rashidi M.R, **Farajollahi AR**, Hajebrahimi S. (2011) EVALUATION OF MEDICAL ALUMNI DISSERTATIONS OF THE IRAN MEDICAL SCIENCES. **Medic Resic**, Turkey.
27. Pournaghi Azar F, Ghojazadeh M, Hajebrahimi S, Rashidi M.R, **Farajollahi AR**, (2011) ENHANCING INFORMATION LITERACY AS A BASE OF DEVELOPING EVIDENCE-BASED. **Medic Resic**, Turkey.
28. Ghojazadeh M, Pournaghi Azar F, Rashidi M.R, **Farajollahi AR**, Hajebrahimi S, (2011) EFFECTIVE FACTORS ON WRITING OF PERSIAN AND NON PERSIAN ARTICLES IN TABRIZ UNIVERSITY OF MEDICAL SCIENCES FACULTY MEMBERS. **Medic Resic**, Turkey.
29. Valizade G, **Farajollahi AR**, Ghffari S, Dakhili H, Pourfarshid A . (2010) Evaluate radiation exposure of staff during coronary angiography and angioplasty and heart angiography in the Madani hospital and Aalie Nasab hospital in TABRIZ. **8th Iranian radiography science congress**, Tehran. Iran.
30. Mesbahi A, **Farajollahi AR**, Seyed Oskoe G, Naseri AR. (2007) Comparison of Prescribed and Delivered Dose to Patients in Radiotherapy Department of Tabriz Imam-Khomeini Hospital Using In-Vivo Dosimetry. **7th Iranian Congress of Medical Physics, Ahvaz Jundishapur University of Medical Sciences**. Ahwaz-Iran.
31. Jabbari N, Hashemi B, **Farajollahi AR**, Shafaii A, Jabbari SH. (2007) Monte Carlo Evaluation of Clinical Electron Beams from Nepton 10PC Linear Accelerator. **7th Iranian Congress of Medical Physics, Ahvaz Jundishapur University of Medical Sciences**. Ahwaz-Iran.
32. Jabbari N, Hashemi B, **Farajollahi AR**, Shafaii A, Jabbari SH. (2007) Calculation of Scattered Radiation from Applicators of 8 MeV Electron Beam of NEPTUN 10PC Linear Accelerator using Monte Carlo Method. **7th Iranian Congress of Medical Physics, Ahvaz Jundishapur University of Medical Sciences**. Ahwaz-Iran.
33. Mehnati P, **Farajollahi AR**, Pirayesh J, Jabbari SH, Majidi J, Bannazadeh M. (2007) An Investigation into the Effects of Gamma Rays on the Cell Cycle Phases of Chinese Hamster Ovary Cell Line (CHO). **7th Iranian Congress of Medical Physics, Ahvaz Jundishapur University of Medical Sciences**. Ahwaz-Iran.
34. Parinaz mehnati, Hiroshi sasaki, **Ali R. Farajollahi**. (2005) Detection of Accelerated Heavy-Ions Hit Sites within Cultured Mammalian Cells, **The First UAE International Conference ON Biological and Medical Physics**, Al-Ain, UAE.
35. **Farajollahi A.R**, Bonnet D.E. (2001) Determination of dose distribution in a blood irradiator using polymer gel dosimetry. **DOSGEL 2001 2nd International Conference on Radiotherapy Gel Dosimetry**, Brisbane, Australia.

36. **Farajollahi A.R.**, Bonnet D.E. (2001) A study of reproducibility and possible sources of error in gel dosimetry, **DOSGEL 2001 2nd International Conference on Radiotherapy Gel Dosimetry**, Brisbane, Australia.
37. **Farajollahi A.R.**, Saedipour H, Pirayesh J. (2001) The application of gel dosimetry in external beam therapy. **First International Iranian Conference on Cancer**, Mashhad, Iran.
38. **Farajollahi A.R.**, Bonnett D.E, Ratcliff A.J, Aukett R.J and Saedipour H. (2000) General characteristics of BANG polymer gel and its potential application in Brach therapy. **The fourth Iranian congress on Medical Physics**,. Tehran, Iran.
39. Bonnet D.E, **Farajollahi A.R.**, Taattam D, Green S. (2000) The potential use of polymer gel dosimetry in BNCT. **The First International Conference on Radiation and its role Diagnosis and Treatment (FICR 2000)**, Tehran, Iran.
40. Ching E.J, Aukett R.J, Bonnett D.E, **Farajollahi A.R.** (2000) Verification of a commercial pencil beam algorithm for planning MLC shaped radiation fields. **Sixth Annual National Conference of the IPEM**, Southampton, UK.
41. **Farajollahi A.R.**, Bonnet D.E, Aukrtt R.J., Ratcliffe A.J. (2000) The advantages and limitation of polymer gel dosimetry in Brach therapy. **The fourth Iranian congress on Medical Physics**, Tehran, Iran.
42. Bonnet D.E, **Farajollahi A.R.**, Harding P.F. (1999) An investigation into wall materials for polymer gel phantoms, **DOSGEL 1999 1st International Conference on Radiotherapy Gel Dosimetry** Lexington, USA.
43. Bonnet D.E, **Farajollahi A.R.**, D Taattam, S Green. (1999) The potential use of polymer gel dosimetry in BNC, **DOSGEL 1999 1st International Conference on Radiotherapy Gel Dosimetry** Lexington, USA.
44. Bonnett D.E., **Farajollahi A.R.**, Hass O., Mills J.a., Glendinning A.G., Aukrtt R.J., Burnham K.J. (1997) The verification of intensity modulated conformal therapy using polymer gel dosimetry. **World Congress on Medical Physics and Biomedical Engineering**, Nice, France.
45. **Farajollahi A.R.**, Bonnett d.e., Aukett r.j., and Ratcliffe A.J. (1997) The advantages and limitations of polymer gel dosimery in Brach therapy. **World Congress on Medical Physics and Biomedical Engineering**, Nice, France.
46. Ratcliffe A.J, Bonnett D.E, **Farajollahi A.R.**, Aukett R.J, Mills J. (1997) Quality assurance audit Methods for low does rate afterloading machines. **Annual Brach therapy meeting, GEC-ESTRO**. Stockholm, Sweden.
47. Hass O.C.L., Mills J.A., Burnham K.J., Bonnet D.E, **Farajollahi A.R.** (1997) Achieving conformal dose distribution via patient specific compensators. XII Int Conf on the Use of Computers in Radiation Therapy. **XII ICCR** Salt Lake City, Utah USA, p 483.
48. Hass O.C.L., Mills J.A., Burnham K.J., Bonnet D.E, **Farajollahi A.R.**, Fisher M.H., Glen dinning A.G. And Aukett R.J. (1997) Experimental verification of beam intensity modulated conformal radiotherapy using patient specific compensators. *Radiology* 1997,

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1. **Farajollahi A.R**, Mesbahi A, Ghaseminejad Sh., (2015-...), Measurement of radiation dose distribution for small radiation fields in the presence of inhomogeneities using NIPAM polymer gel and its comparison with Monte Carlo simulation.
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3. **Farajollahi A.R** Mohammad Alian A.H., Ghojzadeh M, Khaleghi A., (2015-...) Operator radiation dose from interventional cardiology in radio approach using pelvic & bracial shield and its comparison with femoral approach using pelvic shield.
4. **Farajollahi A.R** Mohammad Alian A.H., Ghojzadeh M, Tarighatnia A., (2015-...) Comparison of patient and operator radiation dose in coronary angiography and angioplasty in transradial and transfemoral approach.
5. **Farajollahi A.R**, Shams K., Khodadadi R, (2013-2015) Measurement of dose distribution produced by gamma cell in irradiation of blood bag using NIPAM polymer gel.
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Project collaboration / Scientific Cooperation

1. Pirayesh Islamian J, Baradaran B, **Farajollahi AR**, Asghari Jafarabadi M, Satarpour Z (2014-...) Investigation of the radioprotectory effect of IMode on human peripheral blood lymphocytes in vitro.
2. Shafae A, Pirayesh Islamian J, **Farajollahi AR**, Asghari Jafarabadi M, Rahmati Yamchi M, Nejati K, Zaree D. (2013-...) Enhancing the Efficiency of Radiotherapy for Esophagus Squamous Carcinoma by a Combined Therapy Method with Chemotherapy (2DG/Meormin).
3. Pirayesh Islamian J, Baradaran B, **Farajollahi AR**, Mohammadzadeh M, Asghari Jafarabadi M, Shabestani Monfared A, OlaadGaffari M. (2013-2015) Enhancing the Efficiency of Radiotherapy for Breast Cancer Cells (SKBr3 & MCF7) by a Combined Therapy Method with Chemotherapy (2DG/MLN4924).
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