

Curriculum Vitae



Personal Information

Name: Susan Cheraghi

Date and place of birth: 19/10/1977, Iran- Kermanshah

Marital status: Married

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Education

2011-2016 (1390-1395) Ph.D. in Medical Physics, IUMS. Tehran, Iran [**Thesis title:** Determination of Dose Response relation of auditory system in head and neck radiotherapy patients by NTCP Models]

2002-2004 (1383-1385) M.Sc. in Medical Physics, IUMS. Tehran, Iran [**Thesis title:** Ovarian received scatter dose in radiotherapy patients by TLD]

1996-1998 (1375-1377) B.Sc. in Radiology Technology, Ahwaz University of Medical Sciences, Iran

Academic Position

2017 (1396) Assistant Professor Faculty of para medicine, IUMS, Tehran, Iran

2017 (1396) Academic Staff of Radiation Biology Research Center, IUMS, Tehran, Iran

2006-2008 (1385-1387) Academic Staff and Educational Instructor of HUMS, Bandar Abbas, Iran

Work Experiences

1999-2006 (1378-1385) Radiology technologist, qasr-e-shirin hospital, Kermanshah

2002- 2006 (1381-1385) Head of radiology department, qasr-e-shirin hospital, Kermanshah

2005-2006 (1384-1385) Director of Health Physics, qasr-e-shirin, Kermanshah

2009-2016 (1388-1395) Medical physics laboratory, medical physic department, IUMS, Tehran

Teaching Experiences

2006-2008 (1385-1387) Radiation biology, Physics of diagnostic radiology, Radiography techniques 1, 2 and 3, Contrast media, Professional ethics for B.Sc. students of Radiology Technology, HUMS

2009-2016 (1388-1395) Ultrasound laboratory for medical students, IUMS

2017 (1396) Radiation biology, Physics of diagnostic radiology, Radiography techniques 2, 3 and Evaluation of radiological images, , IUMS

Paper Presentations

- 2006 (1385) 7th Iranian congress of medical physics, Ahwaz, Iran (oral presentation)
- 2007 (1386) 3th Provincial Conference radiology technology, Bandar Abbas, Iran (oral presentation)
- 2010 (1389) 9th Iranian congress of medical physics, Tehran, Iran (oral presentation 2paper)
- 2013 (1392) 1st Seminar in optimization in radiotherapy, Mashhad, Iran (oral presentation)
- 2014 (1383) 11th Iranian conference of medical physics, Tehran, Iran (oral presentation)
- 2016 (1395) 1st congress of clinical oncology, Tehran, Iran (poster presentation)

Workshops

- 2004 (1383) **Workshop on medical and imaging systems**, G.E and SBMS, Tehran, Iran
- 2005 (1384) **Course of clinical electron and high energy photon beam dosimetry**, Esfahan, Iran
- 2008 (1387) **Workshop on problem base learning**, HUMS, Bandar Abbas, Iran
- 2008 (1387) **Workshop on oral presentation**, HUMS, Bandar Abbas, Iran
- 2008 (1387) **Workshop on English paper writing**, HUMS, Bandar Abbas, Iran
- 2008 (1387) **Lecturer of professional ethics workshop**, HUMS, Bandar Abbas, Iran
- 2014 (1393) **Workshop on instructional design and lesson plan**, IUMS, Tehran
- 2016 (1395) **Workshop on Biosafety**, IUMS, Tehran, Iran

Memberships

- 2004 (1383) Executive committee 2th congress of radiology sciences, Tehran, Iran
- 2010 (1389) Executive committee 9th Iranian congress of medical physics, Tehran, Iran
- 2009-Present (1388-present) Iranian Association of Medical Physics, Tehran, Iran

Publications

1. **Short-term cohort study on sensorineural hearing changes in head and neck radiotherapy**. Medical Oncology, 2015. 32(7): p. 1-7.
2. **Optimal Clinical Target Volume to Planning Target Volume Physical Margins for Prostate Cancer Radiotherapy: Practical Issues Related to Online Correction Based on Onboard Imaging**. Advances in Bioresearch, Vol6 (4) July 2016. Page 21-28
3. **Comparison of DSB effects of the beta particles of iodine-131 and 6MVX-ray at a dose of 2Gy in the presence of 2-Methoxyestradiol IUdR, and TPT in glioblastoma spheroids**.

Radiation Physics and Chemistry (2016)

4. **Radiation exposure and Bell's palsy: A hypothetical association.** Journal of biomedical physics engineering (2016)

Persian publications

۱. اندازه گیری دوز جذبی تخمدان در پرتودرمان نواحی شکم و قفسه صدری. مجله دانشگاه علوم پزشکی بابل، دوره هشتم، شماره ۵، مهر-آبان ۱۳۸۵، صفحه ۷-۱۲.
۲. سطح دوز مرجع تشخیصی در پرتونگاری پزشکی. مجله دانشکده پیراپزشکی ارتش جمهوری اسلامی ایران، سال پنجم، شماره ۲، پاییز و زمستان ۸۹، شماره مسلسل ۹، صفحه ۱۱-۱۴

Research Favorites

Clinical and Basic Radiation Biology, Clinical physics of Radiotherapy, Medical Imaging and dosimetry