

Ali Abdulhasan Kadhim
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Personal information

Gender: Male
Date of birth: 20th April, 1993
Nationality: Iraqi

Academic qualifications

02018-2020 Master of Science (MSc) in Medical Physics
Tehran University of Medical Sciences, International Campus, Tehran, Iran.
Masters Thesis: "Radiation dose assessment to family members taking care of non-cancerous thyroid patients treated with I-131 therapy in nuclear medicine department"

2012-2017 Bachelor of Science (BSc) in Physics
Thi Qar College of Science, Thi Qar, Iraq.

Trainings/certifications

01/2020 American Society of Radiologic Technologists (ASRT) course on Radiation Oncology.

Work experience

09/2017-01/2018 Graduate Trainee
Philips Medical Imaging Company, Baghdad, Iraq.

Peer-reviewed publications

1. **Kadhim AA**, Sheikhzadeh P, Farzanefar S, Yavari S, Ay MR. Radiation Dose Assessment to Family Members Taking Care of Non-Cancerous Thyroid Patients Treated with I-131 Therapy in Nuclear Medicine Department. Radiation Protection Dosimetry. 2020;190(2):208-16.

Submitted papers under review

1. Radiation exposure to caregivers of patients treated with Iodine-131: a review (Frontiers in Biomedical Technologies)

Papers presented at international conferences

1. Assessment of compliance to radiation safety instructions by caregivers of non-cancerous thyroid patients treated with I-131 therapy.
Presented at the 6th International Conference on Radiation Medicine, Saudi Arabia, February 2020.
2. Assessment of effective doses received by caregivers taking care of non-cancerous thyroid patients treated with I-131 therapy.
Presented at Iranian Congress of Nuclear Medicine, November 2019.
3. Comparison between dosimetry characteristics of TL and film dosimeters: suitability of personal dosimeters used for occupational dose assessments of nuclear medicine staff.
Presented at Iranian Congress of Nuclear Medicine, November 2019.

4. Dexterity in reducing of hand received dose during preparation and dispensing of radio drugs in diagnostic arm of nuclear medicine.
Presented at Iranian Congress of Nuclear Medicine, November 2019.

Conferences attended

1. Iranian Congress of Nuclear Medicine, Tehran, Iran, November 2019.
2. 35th Iranian Congress of Radiology, 23-26 April, Tehran, Iran, 2019.

Technical proficiencies

- Monte Carlo simulation with GATE, MCNP, BEAMnrc, etc.
- Computer programming with Python, JAVA, C++, MATLAB etc.
- Medical image processing
- Statistical analysis with SPSS, STATA, etc.
- Microsoft office suites
- Academic writing

Interests

- Keeping fit in the gym, swimming, and sports.

Language proficiency

- Native Arabic speaker.
- Advanced English language user
- Advanced Persian language user

Professional membership

- Member of the American Physical Society (APS)
- Member of the American Society of Radiation Oncology (ASTRO) [membership ID: 135302324]