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Radiology Department
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Academic Qualifications:

PhD in Medical physics, Department of Medical Imaging, College of Medicine and Health, University of Exeter, St Luke's Campus, Exeter 2024.

Research fellow in the faculty of health and life science, medical imaging, University of Exeter (2024-2027).

MSc in Medical Physics, Faculty of Engineering and Physical Sciences, University of Surrey, Guildford, United Kingdom 2018-2019

BSc in Diagnostic Radiology, King Khalid University, Abha, College of Applied Medical Sciences, Kingdom of Saudi Arabia 2016.

Diploma in recognition of successful completion of the international academic year (English Language course) at BEET Language Center, Bournemouth, England, from 17 July 2017 to 4 May 2018.

Certificate of Completion of One Year Internship at Asir Central Hospital, Abha, Kingdom of Saudi Arabia

Career History

Assistant professor, College of Applied Medical Sciences, Najran University, Najran, Kingdom of Saudi Arabia

Assistant Teacher, College of Applied Medical Sciences, Najran University, Najran, Kingdom of Saudi Arabia

Responsibilities: Thought student in lab, supervisor of internship students

Courses, Training and conferences Attended:

Virtual grid software for scatter correction to improve image quality and reduce radiation dose, assessed using a TOR CDR image quality phantom. UK Imaging and Oncology congress 2022, Liverpool, 4th-6th July.

X-ray scatter correction software studies for diagnostic X- ray imaging. UK Imaging and Oncology congress 2022, Liverpool, 4th-6th July.

Evaluation of dose reduction potential of a scatter correction software for AP lumbar spine X-ray imaging. UK Imaging and Oncology congress 2023, ACC Liverpool, 5th -7th June.

The Impact of Scatter Cor- rection Software on Image Quality and Radiation Dose in AP Projection Lumbar Spine Radiography. Annual Radiology Meeting in UAE ARM, Dubia, United Arab Emirates, 31 October-2 November.

The effectiveness of using scatter correction software for abdomen Gridless radiography. UK Imaging and Oncology congress 2024, ACC Liverpool, 10th-12th June.

Evaluation of scatter correction software for clinical pelvic radiographs. UK Imaging and Oncology congress 2024, ACC Liverpool, 10th- 12th June.

X-ray scatter correction software for improving image quality and reducing radiation dose in large anatomical regions. European Congress of Radiology 2022, Vienna, Austria, July 13th-17th, 2022.

Evaluation of dose reduction potential of a scatter correction software for AP abdomen X-ray imaging (C-15702). European Congress of Radiology 2023, Vienna, Austria, 1st-5th March, 2023.

Improvement of image quality by applying scatter correction software for grid-less lumbar spine radiography (20138). European Congress of Radiology. 28th Feb-3rd Mar 2024.

Certificate attend a conference and workshop Radiation Protection and radiobiology in medicine symposium &workshops held on February from 24-25- 26 ,2015 at King Faisal Specialist Hospital and Research Center in Riyadh, Saudi Arabia, this activity has been Accredited by the Saudi commission for health Specialties with 17 CME HOURS.

A certificate of attendance Conference the Saudi health exhibition and conference Medical Radiologic Technology and Diagnostic Radiology held in Riyadh , kingdom of Saudi Arabia on May from 18-19-20, 2015 .

Certificate attend a conference and workshop advances in medical imaging technology October from 6-7-8,2015 held at King Saud University, College of Medicine in Riyadh, kingdom of Saudi Arabia this activity has been Accredited by the Saudi commission for health Specialties with 18 CME HOURS

Certificate of cardiopulmonary resuscitation from Saudi heart association and national CPR committee in accordance the international liaison committee on resuscitation (ILCOR) guidelines for successful completion of the cognitive and skills performance examinations in accordance with the standards of the association as : BLS PROVIDER recognized by the Saudi commission for health specialties .

Radiology Conference in Jazan attend the effectiveness of the International Day of Radiology NOV 8-9,2015.

A member of the Saudi Society for Medical Radiologic Technology Membership Number: 840

Certificate program His Royal Highness Prince Nayef bin Abdul Aziz Al Saud program -God's mercy- for the principles of primary aid at aseer region .

Certificate of achievement by international foundation for coaching and consulting professionals for successful completion of COACHING TRAINING PROGRAM LEVEL (1) This 17-18-19 day of NOV , 2014 serial number :IF971

A certificate of attendance developmental course entitled **the diction and presentation skills** ,The number of hours (10) hour and the number of training days(2Days) , Date: OCT 27-28,2015 accredited by Technical and Vocational Training Corporation.

A certificate of attendance developmental course entitled Of **the positive thinking** ,The number of hours(10 hours) and the number of training days(2Days) , Date : Nov 2-3,2015 accredited by Technical and Vocational Training Corporation .

Active member of the Applied Medical Science Club at King Khalid University in Abha

Active member of the volunteer work Club Medical Board Committee

Active member of the club and the communication and media relations

Certificates of excellence And thanks and appreciation

A certificate of thanks and appreciation from the Dean of the College of Applied Medical Sciences for academic excellence and get second place for the academic year 2012/2013

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A certificate of excellence given by the College of Applied Medical Sciences for his exemplary performance and dedication to his work in the Activities Club Medical Sciences (CAMS)club for the academic year 2013-2014 G .

A certificate of thanks and appreciation from the Dean of Student Affairs and Club volunteer work at King Khalid University Makedmth on the efforts of the tender to make a success students activities for the academic year 2014/2015

Research Background

Interested in image quality and radiation dose research in diagnostic imaging.

Radiation protection.

Assessment of Virtual Grid software for improving X-ray image quality and reducing radiation dose.

Estimating the dose delivered to the organ at risk in radiotherapy-Prostate Cancer, Group project 2019.

Brain imaging using Proton Computed Tomography scanner (pCT), Dissertation project 2019.

Key Skills and Research Experience

Research Training: Literature Review

Keeping Up to Date with Research

Critical Review of Research Papers

Ability to identify and investigate key issues

Existing computer skills with Microsoft Office and statistical software

Monte Carlo simulator (FLUKA), ImageJ.

Experimental and professional skills for medical physics (Radiation and medical teaching laboratories).