

Abbood Abbas Abbood

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Education

Master degree in Medical Physics/radiation therapy
Belarusian State University

Jun 2021

✓ Graduation Thesis is entitled " The Use of Accelerated Fractionation Methods for Irradiation of Prostate Cancer: VMAT-SIB and IMRT-SIB"

✓ The use of the latest technology in radiation therapy for prostate cancer treatment by (VMAT-SIB and IMRT-SIB). Methods is conducted using 3D in treatment plan- ning. The purpose of this thesis is to a calculation done the total radiation doses by the linear-quadratic model.

✓ I worked research thesis in the Republican Scientific and Practical Center of Oncology and Medical Radiology named N.N Alexandeov.

Bachelor degree in Physics / Medical Physics
University of Diyala

Jun 2018

✓ Graduation Research is entitled "Effect of Radiation Therapy of Breast Cancer Patients on Critical Areas [Heart, Liver, Lung]"

✓ The study examined the effect of traditional radiation therapy for breast cancer patients on the affected areas (heart, liver, and lung). Since the effect of traditional ra- diation doses is on normal and abnormal cells.

✓ I worked research thesis at circle town medical center Baghdad for radiological therapy and nuclear medicine.

Work Experience

Radiotherapist

N.N Alexandrov National Cancer Centre of Belarus

2020/06/1 - 2021/05/15

✓ For work patients with cancers to planning radiotherapy, locating the tumor by computer, and making a radiotherapy plan for patients with the calculation of radiation doses.

Radial Photographer

The Near Future of Radiology and ultrasound imaging

2018/06/1 - 2019/08/1

✓ I used to take x-rays for patients and for some time, to diagnose x-ray for patients and take contrast x-rays for patients. I worked from 3 am to 8 pm. One day, 70 patients were examined in various types of examinations such as the chest, upper and lower extremity, spine, and other examinations.

Other Experiences

✓ I am one who presented a study on the Coronavirus for the first time in the Arab world for the treatment covid-19 by radiation therapy. The study name (Radiation Therapy Perhaps for Treatment of Covid-19) in the date (2020/06/01). And done study published in European Journal of Molecular & Clinical Medicine. This study aims to usage of radiation therapy for the treatment of pneumonia to decrease the ratio of infected people with COVID-19. The proposed

treatment of COVID-19 is conducted by using Radiation Therapy of a low dose (less than 5 Gray) for the treatment of pneumonia by precisely sending the radiation to the target of the affected lung.

√ I am one who presented a study on the Coronavirus for the first time in the Arab world for (Early diagnosis COVID_19 by computed tomography scan) in the date (2020/03/10). Now done study published in Journal of Medical and Pharmaceutical Sciences. The purpose of early diagnosis of COVID_19 is the fastest time to keep healthy cells for patients. CT scan is considered the more clear method for the early diagnosis for covid-19 because of the production of clear radiographic image quality and high-resolution and three-dimensional of a patient's chest in two views (anterior-posterior view and the lateral view). In addition to that, a CT scan is more readily and cheaper, and more available in the hospital, also it takes less time to check the patient's chest.

√ I have work experience in PET/CT Scan.

√ I have work experience in radiotherapy, PET/CT Scan, SPECT Scan, Ct Scan, MRI, X-ray, nuclear medical, Etc).

√ I have experience in (E-Learning, Blended Learning, conferences, seminars, and workshops, Etc).

Area of Expertise

√ Medical physics-radiotherapy (medical physics, radiotherapy, Medical Imaging (X-ray, CT Scan, MRI, PET/CT, SPECT, SPECT/CT Scan), planning treatment radiation, radiation protection, radiation doses calculation, nuclear medicine, diagnostic radiology).

Publications

√ Radiation Therapy Perhaps for Treatment of Covid-19, European Journal of Molecular & Clinical Medicine, ISSN 2515-8260 Volume 08, Issue 03, 2021.

√ The Use of Accelerated Fractionation Methods for Irradiation of Prostate Cancer: VMAT-SIB and IMRT-SIB, European Journal of Molecular & Clinical Medicine, ISSN 2515-8260 Volume 08, Issue 03, 2021.

√ Early Diagnosis COVID_19 by Computed Tomography Scan, Journal of medical & pharmaceutical Sciences Volume (5), Issue (2):30 Jun 2021.

√ Traditional Radiation Therapy for Treatment Breast Cancer and Radiation Effects on Normal Tissues, ARID International Journal for Science and Technology (AIJST) VOL: 4, NO 7, June 2021.

Authored scientific books

√ Contrast radiography positions (contrast x-ray), the stages of developments for contrast x-ray between the past and the future, ISBN: 978-9922-609-26-3, 2735 for year 2019, and published in Dar Al Moataz Billah for Publishing and Distribution, Iraq.

Conference/ Symposium

conference on (Medical Sciences (3rd IVSCMS-2021))

University of Al-Qadisiyah Iraq

13/Mar/2021

√ I was a speaker about (radiation therapy perhaps for COVID-19)

conference on (Second day of medical physics)

University of El-Oued Algeria

7/Nov/2021

√ I was a speaker about (proton therapy)

conference on (Coronavirus (COVID-19) Pandemic and this Consequences on an Individual and Society)

University of Al-Qadisiyah Iraq

22-23/Apr/2020

√ I was a speaker about (Coronavirus diagnosis)

conference on (COVID-19 and AI)

Stanford University School of Medicine Britain

18/April/2020

√ I was present at the conference

Symposium on (Effect of Radiation Therapy & Traditional Radiotherapy on Normal Cells),

MSDES India

22/May/2020

√ I was a speaker about (Effect of Radiation Therapy & Traditional Radiotherapy on Normal Cells)

Symposium on (Development in Medical Techniques & their Effects on Medicine)

Al Hikma University College Iraq

18-19/Dec/2020

√ I was a speaker about (Coronavirus diagnosis by CT Scan)

conference on (Coronavirus Pandemic)

University of Waist Iraq

2020

√ I was a speaker

conference on (Veterinary Medicine and Sustainable Development Goals)

University of Sadat City Egypt

9-10/Mar/2021

√ I was a speaker about (Traditional Radiation Therapy for Treatment Breast Cancer and Radiation Effects on Normal Tissues).

Other Conference/ Symposium

√ Conference on (nanotechnology, applications and future prospects), samarra university iraq, 4-5/jun/2020.

√ Conference on (cme 3 credit), al muthanna university iraq, 9-11/may/2020.

√ Conference on (first international virtual scientific of iraqi university libraries), university of al-qadisiyah iraq, 15-16/feb/2021.

√ Symposium on (from idea to published op-ed), stanford university school of medicine britain, 03/feb/2021.

√ Symposium on (medicolegal challenges), royal college of physicians of edinburgh britain, 23/june/2020.

√ Symposium on (medicine grand rounds: stanford covid-19 grand rounds), stanford university school of medicine britain, 18/apr/2020.

√ Symposium on (covid-19), royal college of physicians of edinburgh britain, 30/apr/2020.

√ Symposium on (modern trends in physics and its applications), university of fallujah with university of baghdad iraq, 6/june/2020.

√ Symposium on (physics and e-learning), university of baghdad with university of fallujah iraq, 21/may/2020.

√ Symposium on (cardiology challenges how to tackle), king saud university, 15/may/2020.

√ Symposium on (integrating technology in technical courses), university of diyala iraq, 30/april/2020.

√ Symposium on (the international universities experiences in adopting and using e-learning

1st), dijlah university iraq, 01/mar/2020.

✓ Symposium on (the international universities experiences in adopting and using e-learning 2st), dijlah university iraq, 02/mar/2020. Conference on (the challenges facing women and children in modern society), swedish iraq studies (net), 11-12/feb/2021.

✓ Symposium on (submission (im) possible: resarchers on making successful submissions), r pubathon, 26/feb/2021.

✓ Conference on (the fifth annual student conference for discussing graduation research for the academic year 2017-2018), university of diyala iraq.

Grants and Awards

✓ A letter of thanks and appreciation from College of Science - University of Diyala, 2018

✓ An official Certificate of Recognition from the Ministry of Education in Iraq – General Directory of Education in Al Anbar Governorate Department of Training bestowed upon me. Creativity Shield, 2021.

Courses/ Workshop

Safety and Quality in Radiotherapy

International Atomic Energy Agency (IAEA)

16/05/2020

✓ Understand the use of radiotherapy systems. Improve their understanding of safety in radiotherapy. Learn techniques to reduce and avoid radiotherapy incidents. Understand the value and use of incident learning systems. Learn about useful sources of information to enhance safety in radiotherapy. Gain insight into improving safety culture in medical clinics/facilities.

Imaging in medicine

Open university

30/03/2020

✓ Explain the major medical imaging techniques and the underlying scientific principles of X-ray imaging, CT Scan, PET/CT, and Magnetic resonance imaging. And explain the mode of Sections Ultrasound. Understand the advantages and disadvantages of the major imaging techniques.

Radiological Assessment of Bone Tumors part 1, part 2

Stanford University School of Medicine

12/02/2021

✓ Explain the Radiographs bone tumor. Radiographs are recommended as the initial imaging modality for the evaluation of bone pain. to know the primary malignant bone tumor staging system.

Dose Reduction Techniques

International Society of Radiographers and Radiological Technologists (ISRRT)

17/05/2020

✓ Understand the use of Instrument calibration, Radiation protection measurements, x-ray characteristics, Imaging systems, special diagnostic techniques, Quality assurance programmes, and Implementation of programmes for necessary for optimal image quality.

Imaging Principles of scientific research and design appropriate studies for radiology department

Saudi Ministry of Health

11/05/2020

✓ To Understand studies of diagnostic test accuracy and health outcomes research, key considerations include: (1) how to determine when a diagnostic test merits evaluation of impact on outcomes, (2) when study of intermediate/surrogate outcomes can be useful, (3)

how to consider the possible harms as well as potential benefits of a test, and (4) how to integrate evidence of an imaging test's efficacy/effectiveness with clinical data to assess outcomes.

Effective teaching skills

Umm al-Qura University

17/06/2020

✓ To Understand effective educational environment, write objectives for a teaching session, design and use a session plan recognise the advantages and disadvantages of large and small group teaching and identify how to maximise interaction and learning in both, discuss good practice in teaching and learning evaluation, and plan and undertake an evaluation of a teaching session.

Academic writing and publishing

king Khalid University

11-10/07/2020

✓ For demonstrate and apply knowledge of basic essay structure, including introduction, body and conclusion. Employ the various stages of the writing process, including pre-writing, writing and re-writing, Employ descriptive, narrative and expository modes. Understanding of and apply the principles of effective paragraph structure, Employ quotation, paraphrase and summary; Improve academic and idiomatic vocabulary, Avoid plagiarism, Introduce, position and integrate source material into the body of an essay, and others.

Fundamentals of digital marketing

Google

16/04/2020

✓ Becoming certified shows got genuine digital skills, and that motivated to learn: two essential qualities in today's business world.

Base English

Cambly

2021/09/19

✓ For speaking English with native speaking tutors on Cambly. Cambly is an online platform based in San Francisco, California that connects native English speaking tutors with students from more than 130 countries for live conversation-based tutoring sessions.

Other Courses/ Workshop

✓ Introduction to Cartilage Tumors, Stanford University School of Medicine, 0.75 hours, 03/02/2021.

✓ Radiography of Arthritis Stanford University School of Medicine, 1 hours, 14/02/2021.

✓ Dose Reduction Techniques, ISRRT, 5 days, 17/05/2020.

✓ upper extremity Trauma: Elbow, Wrist, Hand, Stanford University School of Medicine, 0.75 hours, 12/02/2021.

✓ Pelvis and Hips: Essential Radiography, Stanford University School of Medicine, 1 hours, 12/02/2021.

✓ Risk assessment associated with radiation exposures, Saudi Ministry of Health, One hours, 28/06/2020.

✓ X-ray production, Saudi Ministry of Health, One hours, 18/06/2020.

✓ Mental Health Effects of the COVID-19 Pandemic, Harvard Medical School , One hours, 21/05/2021.

✓ Normal Shoulder Radiography Take 1, Stanford University School of Medicine, 0.25 hours, 03/02/2021.

✓ Systematic Interpretation of Ankle MRI, Stanford University School of Medicine, 0.75 hours, 07/02/2021.

✓ Bone Lesions: Radiographic Assessment, Part 1, Stanford University School of Medicine,

0.25 hours, 18/04/2020.

✓ Bone Lesions, Radiographic Assessment, Part 2: Classification of Tumors, Stanford University School of Medicine, 0.50 hours, 08/02/2021.

✓ CT of Distal Radial Fractures: What Needs to be Reported Stanford University School of Medicine, 0.25 hours, 10/02/2021.

✓ Tarsometatarsal Joints and Midfoot (Lisfranc) Sprains, Stanford University School of Medicine, 0.25 hours, 11/02/2021.

✓ Imaging of the Tibiofibular Syndesmosis and High Ankle Sprain, Stanford University School of Medicine, 0.25 hours, 10/02/2021.

✓ Systematic Interpretation of Shoulder MRI, Stanford University School of Medicine, 0.50 hours, 07/02/2021.

✓ Knee Menisci, Stanford University School of Medicine, 0.25 hours, 03/02/2021.

✓ Infection Control for CoVID-19 in Radiology Stanford University School of Medicine, 0.50 hours, 20/04/2020.

✓ COVID-19 Imaging: Beyond Ground-glass Opacities Webinar Stanford University School of Medicine, 0.50 hours, 27/04/2020.

✓ MRI of the Brachial Plexus Stanford University School of Medicine, 0.50 hours, 12/02/2021.

✓ Bone Tumor Case 2, Stanford University School of Medicine, 0.25 hours, 03/02/2021.

✓ Imaging of the Hip: More Radiographic Essentials!, Stanford University School of Medicine, 0.50 hours, 07/02/2021.

✓ Systematic Interpretation of Knee MRI, Stanford University School of Medicine, 0.50 hours, 07/02/2021.

✓ Knee MRI Supplemental Cases, Stanford University School of Medicine.

✓ Knee MRI Supplemental Cases, Part 2, Stanford University School of Medicine, 1 hours, 08/02/2021.

✓ MRI of Osseous Stress Injuries - Full Length Version, Stanford University School of Medicine, 1 hours, 14/02/2021.

✓ Injuries of the Hallux MTP: Turf Toe, Stanford University School of Medicine, 1 hours, 08/02/2021.

✓ CT chest and Covid-19, Saudi Ministry of Health, One hours, 13/05/2020.

✓ Radioactivity and radioactive decay modes, Saudi Ministry of Health, One hours, 06/05/2020.

✓ Photon attenuation coefficients and neutron interactions, Saudi Ministry of Health, One hours, 06/05/2020.

✓ MR perfusion/ MR technical updates and protocols, Saudi Ministry of Health, One hours, 15/06/2020.

✓ Neonatal Head Ultrasound, Saudi Ministry of Health, One hours, 07/07/2020.

✓ Current Trends in e-learning implementation, E-learning in Iraqi Universities Project Ministerial Team, Two hours, 01/04/2020.

✓ Using Microsoft teams to teams to teach university courses online, E-learning in Iraqi Universities Project Ministerial Team, Two hours, 25/04/2020.

✓ Create and manage assignments and reports in google classroom, E-learning in Iraqi Universities Project Ministerial Team, Two hours, 28/04/2020.

✓ Community of learning (70/20/10), E-learning in Iraqi Universities Project Ministerial Team, Two hours, 28/04/2020.

✓ Quality of university education, University of Baghdad, Two hours, 19/05/2020.

✓ Deep education and principles of successful teaching, General Directorate of education in Al Anbar Province, Iraq, one hours, 20/10/2020.

✓ Scientific research writing techniques and publishing in high effect journals, University of Tikrit, One hour, 21/05/2020.

✓ Biosafety and biosecurity, University of Kufa, 19/05/2020.

✓ Academic writing and publishing, king Khalid University, Six hours, 11-10/07/2020.

✓ Effective teaching skills, Umm al-Qura University, Two hours, 17/06/2020.

✓ How to deal with embarrassing situation during teaching? Altoosi University College In Collaboration with College of Nursing/ University of Kufa, Three hours, 13/06/2020.

- √ Use Google Application in E-learning, University of Basrah, one hour, 17/05/2020.
- √ Common mistakes in Writing scientific theses, king Khalid University, Two hours, 11/10/2020.
- √ Principles of Scientific Research, Amman Arab University, 26/03/2020.
- √ Introduction to Nanotechnology, Jordan University of science and Technology, 26/03/2020.
- √ How to create video lectures with several programs and how to create video lectures channels and their management, Al Mustansiriyah University, One hour, 11/05/2020.
- √ Google use and their use e-learning, University of Al-Hamdaniya, One hour, 21/04/2020.
- √ Electronic assessment methods in scientific journals National, University of Science and Technology, Two hours, 01/05/2021.
- √ Fundamentals of digital marketing, Google, 40 hours, 16/04/2020.
- √ Ethics of Academic work, Altoosi University College, One hour, 05/05/2020.
- √ Nanotechnology and future prospects, University of Diyala, One hour, 26/04/2020.
- √ Prostate gland diseases and treatment it, Middle Technical University, One hour, 02/05/2020.
- √ Cause of low back pain, diagnosis, rehabilitation, University of Al-Qadisiyah, One hour, 28/04/2020.
- √ Types of questions and preparing them in a method that reduces cheating attempts among students, Kut University College, One hour, 28/05/2020.
- √ Obstacles to the use of electronic platforms in teaching and training, University of Thi-Qar, One hour, 02/05/2020.

Membership

- √ Society of Petroleum Engineers Institute (SPE)
- √ For Engineering Research and Publication (IFERP)

Contact

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- √ Google Scholar: Abbood Abbas Abbood <https://scholar.google.com/citations?hl=ar&user=gp62TtQAAAAJ>
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- √ WhatsApp Viber Telegram: +9647722631993
- √ YouTube: Abbood Abbas Abbood <https://youtube.com/channel/UCaUSagJLauvTl1d9Hf3lLkA>

Certificates and References

Available when requested