

Curriculum Vitae of Kholoud Alzyoud

Name: Kholoud Subhi Alzyoud
Date of Birth: September 22,1981
Place of Birth: Amman-Jordan
Marital Status: Married
Nationality: Jordan
Email Address: kho_alzyoud981@yahoo.com
Mobile: (+962) 797066793

Specialisation

Major: *Medical Imaging*
Minor: *Diagnostic Radiology.*

Academic Qualifications

- ❖ Ph.D. in Medical Imaging, University of Salford, Manchester , U.K., 2019.
Thesis title “Establishing an Evidence-Base for Erect Pelvis Radiography: Positioning, Radiation Dose and Image Quality ”
- ❖ M.Sc. in Medical Imaging, University of Aberdeen, Aberdeen, U.K, 2016
Dissertation title “Choline Assessment in Prostate Cancer ” with commendation
- ❖ B.Sc. in Radiography, The Hashemite University, Zarqa, Jordan, 2003.

Employment:

- 1/2017-9/2019** Research Associate. University of Salford. Manchester, UK
- 3/2007-9/2015** Lab supervisors. Department of Medical Imaging. The Hashemite University. Zarqa-Jordan
- 7/2003-3/2007** Radiologic Technologist. Department of Radiology. King Hussein Cancer Center. Amman-Jordan.

Research Interests:

- Image quality and dose optimisation in digital radiography
- Optimisation for different BMIs for different body parts
- Using physical and visual methods for image quality assessment in digital radiography
- Display monitors characteristics and image viewing conditions and their influence on observers’ diagnostic performance.
- Radiation protection
- Radiation dosimetry.

Published Papers:

ORCID ID: 0000-0002-2257-3841

ResearchGate: https://www.researchgate.net/profile/Kholoud_Alzyoud

Google Scholar: https://scholar.google.co.uk/citations?user=dXc0S_IAAAAJ&hl=en

1. Tim A. D. Smith, Su M. Phyu, **Kholoud S. Alzyoud**, and Chih-Chung Tseng. Response Detection of Castrate-Resistant Prostate Cancer to Clinically Utilised and Novel Treatments by Monitoring Phospholipid Metabolism. *BioMed Research International* (2017). <https://doi.org/10.1155/2017/4793465>
2. **Kholoud Alzyoud**, Peter Hogg, Beverley Snaith, Kevin Flintham, Andrew England. Optimum Positioning for Anteroposterior Pelvis Radiography: A Literature Review. *Journal of Medical Imaging and Radiation Science* (2018). <https://doi.org/10.1016/j.jmir.2018.04.025>.
3. **K. Alzyoud**, P. Hogg, B. Snaith, K. Flintham, A. England. Impact of Body Part Thickness on AP Pelvis Radiographic Image Quality and Effective Dose. *Radiography Journal* (2018). <https://doi.org/10.1016/j.radi.2018.09.001>.
4. **K. Alzyoud**, P. Hogg, B. Snaith, S. Preece, A. England. Video Rasterstereography of the Spine and Pelvis in Eight Erect Positions: A Reliability Study. *Radiography Journal* (2019). <https://doi.org/10.1016/j.radi.2019.06.002>

Conferences Abstracts

1. Impact of fat thickness on AP pelvis radiography image quality and effective dose. European Congress of Radiology, 2018.
2. An evaluation of eight different standing positions for undertaking erect pelvis radiography using videorastereography, European Congress of Radiology, 2019.
3. Impact on radiation dose and image quality - supine versus erect positioning in pelvic radiography. European Congress of Radiology, 2019.
4. Are we fatter when flatter? The SEPRAIDD Project UK Radiological Congress, 2018.
5. An investigation into the impact of aging on the performance of LCD 2.4 MP colour display monitor when visualising low contrast detail using a CDRAD phantom. European Congress of Radiology, 2018.
6. Developing Evidence Based Practice: Experiences from The SEPRAIDD Project. ISRRRT, 2018.

7. Pelvic radiography and patient orientation: impact on body morphology, dose parameters and image quality. Australian Society of Medical Imaging and Radiation Therapy, 2019.

Teaching Experience:

- Magnetic Resonance Imaging (lab)
- Computed Tomography Imaging (lab)
- Cross-Sectional Anatomy Imaging (lab)
- Digital Imaging
- Medical Imaging Internship (1)
- Medical Imaging Internship (2)
- Radiological Imaging Procedures (1)
- Radiological Imaging Procedures (2)
- Image Quality and Radiation Protection
- Research methods
- Patient care in radiography department.

Technical Skills / Softwares:

- **ImageJ** (Java based image analysis program).
- **2AFC** (Java based medical image quality evaluation program).
- **PCXMC** (Evaluation organ dose, effective dose and effective risk to patient).
- **SPSS** (Statistical Package)
- **Microsoft windows, Word, Excel, and PowerPoint.**
- **CDRAD software.**
- **CDMAM software.**
- **MOSFET software.**

References:

- Dr. Andrew England
Staff member/ School of Health Sciences,
Department of Radiography,
University of Salford, Salford -UK.
E-mail: A.England@salford.ac.UK
- Prof. Peter Hogg
Director, for Health Sciences Research Centre
School of Health Sciences
University of Salford, Salford -UK.
E-mail: P.Hogg@salford.ac.UK.