

CURRICULUM VITAE

Dr. Muhammad Omer Afzal Bhatti



MCPS in Diagnostic Radiology

Karachi X-Rays, U/S & CT scan Centre-Pakistan

Current Job:

Lecturer Radiology

College of Medicine,
Northern Border University,
Arar, Kingdom of Saudi Arabia

PROFILE

I am an accomplished radiologist and academic with over 10 years of expertise in clinical practice, teaching, and research. I am deeply committed to advancing the field of radiology, both in the clinic and the classroom. I have expertise in Conventional Radiography, Fluoroscopy, Ultrasound, CT, MRI, and can perform all kinds of fluoroscopic and ultrasound-guided procedures. Being an academician I have developed strong communication abilities, expertise in radiological techniques, the capability to engage students through interactive teaching, curriculum development and assessment strategies.

CONTACT

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Qualifications

M.B.B.S Bachelor of Medicine & Surgery Baqai Medical University, Pakistan	Feb 2005
MCPS in Diagnostic Radiology Karachi X-Rays, U/S and CT scan Centre, Pakistan	June 2011
Certificate Course in Health Professions Education Dept. of Medical Education, Baqai Medical University	Oct 21 to Mar 22
Web-based bioethics training course, The National committee of Bioethics (NCBE) King Abdulaziz City for Science and Technology (KACST), KSA	Mar 23 to Mar 26

Organizations & Memberships

- **Member** of Royal College of Radiologists
- **Member** of College of Physicians & Surgeons, Pakistan
- Professional Registration as **Registrar (Specialist)** in Kingdom of Saudi Arabia with Saudi Commission for Health Specialties

WORK EXPERIENCE:

Lecturer Radiology (Current) College of Medicine, Northern Border University, Ar'ar, Kingdom of Saudi Arabia	Sept 12 to date
Memon Medical Institute Hospital Senior Registrar	Nov 11 to Aug 12
DOW-RAD, Dow Diagnostic Complex Dow University of Health Sciences Senior Registrar	Mar 11 to Nov11
Dr. Ziauddin Medical University Hospital Nuclear Medicine Rotation	Mar to Apr 2009
Karachi X-Rays, U/S & CT scan Centre Training in M.C.P.S Radiology	Jan 09 to Dec 10
Medi-Nix Ultrasound/ Echocardiography Imaging & Training Institute, Main Tariq Road Training , also Worked as a Sonographer	Nov 06 to Oct 08
Medi-Nix Ultrasound/ Echocardiography Imaging & Training Institute, Main Tariq Road Training in Gynae, Obs & Abdomen Ultrasound	May 06 to Oct 06

RESPONSIBILITIES:

- Teaching activities: PBL, lectures, Skill Labs, clinical teaching and case presentations. 2011-present.
- Member of Surgery Department Council, College of Medicine, NBU; KSA.
- Member of Graduate Unit (Alumini Unit), College of Medicine, NBU; KSA.
- Member of Respiratory System Module, College of Medicine, College of Medicine, NBU; KSA.
- Member of Circulatory System Module, College of Medicine, College of Medicine, NBU; KSA.
- Supervising of students' academic activities and research, College of Medicine, College of Medicine, NBU; KSA.
- Co-coordinator of Urology Module, College of Medicine, College of Medicine, NBU; KSA.
- Co-coordinator of Anesthesia and Intensive Care Module, College of Medicine, College of Medicine, NBU; KSA.
- Co-coordinator of Patient Safety Module, College of Medicine, College of Medicine, NBU; KSA.
- Operations Manager Skill Lab, College of Medicine, College of Medicine, NBU; KSA.

WORKSHOP & CONFERENCE ATTENDED:

- Workshop: "Evaluation of Artificial Intelligence in Medicine: Practical Challenges and its Incorporation in the HPE", Deanship of Development and Quality, NBU; KSA, 20/12/2023
- Workshop: "Problem Based Learning: Are We Doing the Right Practice", Deanship of Development and Quality, NBU; KSA, 08/11/2023
- Workshop: "Evaluation Multiple Choice Questions: Hands on Training", Deanship of Development and Quality, NBU; KSA, 25/10/2023
- Workshop: "Objective Structured Clinical Exam (OSCE): Current Trends and Challenges", Deanship of University Education Development, NBU; KSA, 04/10/2023
- Workshop: "Objective Structured Clinical Exam (OSCE): Current Trends and Challenges", Deanship of University Education Development, NBU; KSA, 20/09/2023
- Workshop: "Developing Questionnaire for Medical Research", NBU; KSA, 18/01/2023
- Workshop: "Virtual Lab", NBU; KSA, 09/11/2022
- Workshop: "Creating rubric for discipline-based assignment" NBU; KSA, 28/10/2022
- Writing effective objective based MCQ. 01/06/2022
- Workshop: Fifth Standard Program Accreditation "Teaching Staff" NBU; KSA, 15/02/2022
- Workshop "Faculty of Medicine Strategic Plan" NBU; KSA, 07/09/2021
- Workshop "Clinical Teaching" NBU; KSA, 26/08/2021
- Webinar "OSCE/OSPE: Developing and Executing" NBU; KSA, 22/08/2021.
- Journal Clubs. College of Medicine NBU, KSA, 2012 till date.
- Workshop on Communication Skills, WHO Collaborating Centre for Research & Training In Educational Development of Health Personnel, CPSP, Oct 2010.
- Workshop on Introduction to Computer & Internet, WHO Collaborating Centre for Research & Training In Educational Development of Health Personnel, CPSP, Oct 2010.
- 26th Annual Conference 2010 Radiological Society of Pakistan, Sheraton Hotel Karachi, Pakistan, Oct 2010.
- Workshop on Special Ultrasound: Doppler & Musculoskeletal, Sheraton Hotel Karachi, Pakistan.
- 10th International Radiological Conference '09.
- 10th International Radiological Conference '09, Sheraton Hotel Karachi, Pakistan, Nov 2009.

ACHIEVMENT AWARDS:

- **Scientific Paper** presented at the 26th Annual Conference 2010 Radiological Society of Pakistan held on October 28th to 30th 2010, in Karachi, Pakistan (Xanthogranulomatous Pyelonephritis presenting as Renal Sinus Tumor)
- **Scientific Paper** presented at the 10th International Radiological Conference held on November 7th to 9th 2009, in Karachi, Pakistan (Virtual Colonoscopy with 16 Detector Row MDCT: Sharing the experience)

PUBLICATIONS:

1. **Bhatti MOA**, Alrowaili MG, Parrey MUR, Alrowaili AM. Current Utilisation and Challenges of Point-of-Care Ultrasound in Emergency Department Settings of Saudi Arabia: A Mixed Method Study. *J Clin of Diagn Res*. 2026; 20(3):TC14-TC19. <https://www.doi.org/10.7860/JCDR/2026/81724/22765>
2. **Bhatti, M.O.A.**, Alrowaili, M.G., Parrey, M.U.R., Shafiq, P., Mehmood, Y., Elmisbah, H.O., Abdul-Latif, M.M., Hussain, M.A. and Jat, M.A., 2026. Assessing the Need for Ultrasound Training in Undergraduate Medical Education. *Asian Journal of Pharmaceutical Research and Health Care*, 18(1), pp.82-87.
3. **Bhatti MOA**, Parrey MUR, Shafiq P, Abdul-Latif MM, Elmisbah HO. Bridging The Gaps: Medical Students' Perspectives On Undergraduate Radiology Education And Curriculum Enhancement. *Anaesth. Pain Intensive Care* 2025;29(8):955-961. DOI: 10.35975/Apic.V29i8.3024
4. Parrey, M. U. R., Elmisbah, H. O. I., Abdul-Latif, M. M., **Bhatti, M. O. A.**, Hussain, M. A., Jat, M. A., Almisbah, H. O. I., & M. Ismail, M. (2025). Double Impact Of Vision Impairment On The Quality Of Life: A Systematic Review And Meta-Analysis. *Tpm – Testing, Psychometrics, Methodology In Applied Psychology*, 32(S7), 2095–2100. <https://doi.org/10.5281/Zenodo.17695600>
5. Parrey, M. U. R., Alenezi, H. N., Alanazi, R. S., Abdul-Latif, M. M., Hussain, M. A., Ismail, M. M., Elmisbah, H. O. I., & **Bhatti, M. O. A.** (2025). Cutting-Edge Diagnostic Innovations: A Meta-Analysis Of Early Keratoconus Detection. *Tpm – Testing, Psychometrics, Methodology In Applied Psychology*, 32(S7), 1903–1908.
6. Parrey, M. U. R., Latif, M. M. A., Hussain, M. A., **Bhatti, M. O. A.**, Elmisbah, H. O. I., Almisbah, H. O. I., & Ismail, M. M. (2025). Impact Of Untreated Amblyopia On The Quality Of Life After The Critical Period: A Systematic Review And Meta-Analysis. *Tpm – Testing, Psychometrics, Methodology In Applied Psychology*, 32(S7), 1896–1902. <https://doi.org/10.5281/Zenodo.17530640>
7. Rehman Parrey, M. U., Alrowaili, M. G., Abdul-Latif, M. M., **Afzal Bhatti, M. O.**, Mehmood, Y. & Shafiq, P. (2025). Medical Students' Views On The Role Of Artificial Intelligence In Health Care. *Journal Of Pioneering Medical Sciences*, 14(10), 62-68.
8. Shafiq P, Mehmood Y, Elmisbah H O, **Bhatti M O A**, Hussain M A, Jatt M A. Text Neck Syndrome: A Rising Concern Among Medical Students In Northern Saudi Arabia. *Anaesth. Pain Intensive Care* 2025;29(6):581-587; Doi: 10.35975/Apic.V29i6.2919
9. Parrey M U R, **Bhatti M O A**, Abdul-Latif M M, Rehman S, Ismail M M, Hamid O A. Meta-Analysis Of AI Algorithm Performance In Detecting Retinal Diseases. *Anaesth. Pain Intensive Care* 2025;29(4):400-406. Doi: 10.35975/Apic.V29i4.2828
10. Parrey MUR, Abdul-Latif MM, **Bhatti MOA**, Almisbah HOI, Sulaiman AHA, Omaima A Hamid OA, Ismail MM. The Link Between Migraine And Eye Pain: A Review Of Current Evidence. *Anaesth. Pain Intensive Care* 2025;29(3):681-688. Doi: 10.35975/Apic.V29i3.2772
11. Al-Rowaili, Majed Gorayan, Malik Azhar Hussain, Ramadan Alatawneh, Yasir Mehmood, Pakeeza Shafiq, Mohammad Ayub Jat, Haider Almisbah, Riyadh Yahya Al Laham, **Mohammad Omer Afzal Bhatti**, Maha Abdul Latif, Mujeeb Ur Rehman Parrey And Basem Salama. "Patterns, Clinical Management, And Outcomes Of Acute Limb Ischemia: An Observational Study In Emergency Departments Of Government Hospitals In Northern Border, Saudi Arabia." *Journal Of Pioneering Medical Sciences* 14, No. 4 (2025): 120-126.
12. Iftikhar, Dr. Seemal, Zara Mahmood, Poshmal Usman, **Dr. Muhammad Omer Afzal Bhatti**,

Muhammad Rashid Ahmed, And Dr. Mehak Zain. 2025. "Examine The Effects Of IUGR On Neonatal Respiratory Morbidity, Including Respiratory Distress Syndrome And Bronchopulmonary Dysplasia". South Eastern European Journal Of Public Health, April, 5-13.
<https://doi.org/10.70135/Seejph.Vi.6343>.

13. **Bhatti MOA**, Parrey MUR, Ali MI, Shoro AR, Alenazi AA, Alruwaili RA.(2025).Gender-Based Morphometric Analysis Of The Human Orbital Aperture Profile Using 3d Reconstruction Computed Tomography: A Cross-Sectional Retrospective Study,J Clin Of Diagn Res. 19(1), Nc09-Nc11.
14. Pakeeza Shafiq, Sarah Khalid, Yasir Mehmood, **Muhammad Omer Afzal Bhatti** (2024). Assessment Of Blunt Abdominal Trauma, A Comparative Analysis Of Contrast-Enhanced CT and Ultrasonography In Terms Of Sensitivity, Specificity, And Patient Outcomes. Frontiers In Health Informatics, 13 (4), 857-863
15. Mujeeb Ur Rehman Parrey, **Muhammad Omer Afzal Bhatti**, Riyad Yahia Mustafa Al Laham, Saima Rehman, Ahmed Hamad Ahmed Sulaiman, Hafiz Osman Ibnidris Almisbah., 2024. Virtual Reality In Medical Education: Unlocking Potential, Overcoming Barriers, And Paving The Way Forward - A Systematic Review. Frontiers In Health Informatics, 13 (8) 3157-3164.
16. Sadaf Aijaz, Ghazala Rasool Mohsin Jamil Siddiqui, **Muhammad Omer Afzal Bhatti**, Tooba Adil., 2024. The Association Between Self-Esteem And Stress Levels Among Medical Students. Afr.J.Bio.Sc. 6(15).
17. Jat, M.A., **Bhatti, O.A.** And Shoro, A.R., 2020. Comparative Assessment Between Clinical And Ct Scan Diagnosis In The Treatment Of Blunt Abdominal Trauma. Ann Clin Anal Med, 11(Suppl 3): S243-247.
18. Parrey, M.U.R., **Bhatti, M.O.**, Channa, S. And Alswailmi, F.K., 2019. Posterior Segment Eye Diseases Detected By B-Scan Ultrasonography In Advanced Cataract. *Indo Am Jp Sci*, 6(6), Pp.11261-11266.
19. Hussain, M.A., Alatawneh, R., **Bhatti, M.O.A.**, Randhawa, M.A., Anwar, A. And Maheshwary, N., 2017. Cardiac Hydatid Cyst Rupture And Embolization Causing Lower Limb Ischemia And Multiple Infarcts: A Case Report. *Am. J. Cardiovasc. Thorac. Surg*, 2, Pp.1-5.