

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 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 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 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:

- **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
- 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>
- 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.
- 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>
- 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.
- 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
- 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
- Parrey MUR, Abdul-Latif MM, **Bhatti MOA**, Almisbah HOI, Sulaiman AHA, Omaira 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
- Al-Rrowaili, 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.
- 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>.
- **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.
- 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

- 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.
- 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).
- 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.
- 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.
- 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.