

Curriculum Vitae: Dr. Wahaj Anees

1. Personal Information

Institution: Institute of basic medical sciences, Khyber medical university, Peshawar

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ORCID: [0000-0002-5502-2747](https://orcid.org/0000-0002-5502-2747) **Google Scholar:** [Wahaj Anees - Google Scholar](https://scholar.google.com/citations?user=WahajAnees)

2. Academic Degrees

- **2026:** PhD in Dentistry (Special focus on Forensic Odontology). São Leopoldo Mandic, Campinas, Brazil.
- **2025:** Certificate in health professional education (CHPE). Khyber medical university, Peshawar, Pakistan.
- **2021:** Masters in Forensic Odontology (Distinction Award). University of Dundee, Scotland, UK.
- **2016:** Bachelors in Dental Surgery (BDS). Sardar Begum Dental College, Peshawar, Pakistan.

3. Professional Experience

- **2025 – Present:** Lecturer, Department of Forensic Science and Toxicology, Institute of Basic Medical Sciences – Khyber Medical University (KMU).
- **2025 – Present:** Editor, *Evidence Based Dentistry*, Springer Nature.
- **2023 – 2025:** Oral Biology Lecturer (BPS-18), Kohat Institute of Dental Sciences (KIDS).
- **2022 – Present:** Field Forensic Odontologist, Kenyon International Emergency Services.
- **2020:** DVI Training, Plassdata.

4. Scientific Contributions & Research Focus

I am a specialist in Forensic Odontology and Artificial Intelligence, focusing on the integration of computer vision (YOLO11m-cls) for age and sex estimation. My research expertise includes:

- **Medical Litigation & Clinical Safety:** Applying Health Technology Assessment (HTA) to forensic dental data.

- **Advanced Imaging:** Proficiency in 3D photogrammetry and automated imaging for dental identification.
- **Global Health:** Identifying non-accidental injuries in pediatric populations and analyzing COVID-19 vaccine side effects.

5. Publications

- 1) Non-accidental head and neck injuries in children and adolescents – Journal of Forensic Odonto-Stomatology (JFOS) – April 2022 release:
http://www.iofos.eu/?page_id=524
- 2) Assessment of root apices closure of permanent incisors and first molar in digital orthopantomographs: A pilot study from Pakistan – Pakistan journal of Medical and Health Sciences: Volume 16 – No 6 – June 2022 release.
- 3) Colony Forming Bacterial Count in Dental Unit Water Lines of Rehman College of Dentistry, Peshawar – Pakistan journal of medical and health sciences – Volume 16 No. 08 (2022)
- 4) COVID-19 vaccine side effects and its associated factors among healthcare workers - International Journal of Health Sciences, 6(S8), 6924–6934.
<https://doi.org/10.53730/ijhs.v6nS8.14078>
- 5) Management of patients with scoliosis in a dental practice: A review of literature. International Journal of Health Sciences, 7(S1), 2232–2239.
<https://doi.org/10.53730/ijhs.v7nS1.14480>
- 6) The use of artificial intelligence in forensic dentistry: a literature review; Revista Brasileira de Odontologia Legal (RBOL), Brazilian journal of forensic dentistry;
<https://doi.org/10.21117/rbol-v11n22024-546>
- 7) Anees, Wahaj, et al. "Umbrella review: CT of frontal, maxillary and sphenoidal sinuses for sexual dimorphism." *Journal of Forensic and Legal Medicine* (2025): 102838. <https://doi.org/10.1016/j.jflm.2025.102838>
- 8) Dr. Junaid Islam, Dr. Iftikhar Akbar, Mehr Un Nisa, Itrat Batool, Nasir Amin, Wahaj Anees. (2025). FREQUENCY OF CANALS IN PERMANENT MAXILLARY SECOND MOLAR ON THE BASIS OF CLINICAL AND RADIOGRAPHIC PARAMETERS. In The Research of Medical Science Review. Zenodo. <https://doi.org/10.5281/zenodo.14745749>
- 9) Franco A, Anees W, Moreira D, Blumenberg C, Napimoga M, Paranhos LR. Literature reviews: typology and forensic applications. *Int J Legal Med*. 2025 May 20. doi: <https://doi.org/10.1007/s00414-025-03514-1> Epub ahead of print. PMID: 40392352.

- 10) Anees W, Ismail F, Haidar S, Masood A, Nasir U. Knowledge and awareness of forensic odontology among medical and dental practitioners working in teaching hospital in Kohat, Khyber-Pakhtunkhwa, Pakistan. *ORAL HEALTH*. 2025 Jul;2(3):11-9.
- 11) Role of 3d photogrammetry and automated imaging in forensic dental identification: Literature review; *Oral health and maxillofacial research*; Vol 2 Issue 3, pp 20-25; <http://doi.org/10.61577/ohmr.2025.1000013>
- 12) Scavassini, L., Silva, R., Khan, A. *et al*. YOLO11m-cls applied to sex and age classification based on the radiographic analysis of the nasal aperture. *Sci Rep* 15, 40784 (2025). <https://doi.org/10.1038/s41598-025-24593-5>
- 13) Silva, R.F., Stefanel, M.E.R., de Aquino Macedo, F.T., Oliveira, A.B.S., Santos, T.K.S., Mendes, S.D., Anees, W., Boedi, R.M. and Franco, A., Prevalence of frontal sinus agenesis in maxillofacial imaging and its forensic relevance-systematic review and meta-analysis. *Journal of forensic and legal medicine*, 118, p.103095.
- 14) Awareness of forensic dentistry amongst dental professionals at dental colleges and clinics in abbotabad, pakistan - a questionnaire based study; *Brazilian journal of forensic dentistry*; Vol. 12 No. 3 (2025):RBOL; <https://portalabol.com.br/rbol/index.php/RBOL/article/view/618>
- 15) Forensic value of lip patterns in a population of Kohat, Pakistan; *ORAL HEALTH AND MAXILLOFACIAL RESEARCH*; Apr-Jun 2026, VOL. 3, ISSUE 2, pp. 10- 14 <https://doi.org/10.61577/ohmr.2026.100008>
- 16) How useful are the paranasal sinuses for human identification?; *Brazilian Journal of Forensic Dentistry*; Vol 13 No. 1 (2026); <https://doi.org/10.21117/rbol-v13n12026-695>
- 17) Anees, W., Silva, R., Khan, A. *et al*. Maxillary sinus classification for sex and age using 23 artificial intelligence architectures. *Sci Rep* 16, 5716 (2026). <https://doi.org/10.1038/s41598-026-36112-1>

6. Academic Service & Awards

- **Award:** 3rd Place, Postgraduate Poster Competition, International Conference of Health Research (2023).
- **Award:** Distinction Award, Master's in Forensic Odontology, University of Dundee (2021).
- **Award:** Best teacher award, Khyber medical university – institute of dental sciences, Kohat in the department of Oral Biology for the undergraduate dentistry session (2024-25).

- **Board Member:** Advanced Studies & Research Board – Khyber Medical University (since May 2024).
- **Reviewer:** *Bioscience Journal*, *European Journal of Dental Education*, and *Journal of Rehman Medical Institute*.
- **Editorial board member:** Oral and Maxillofacial health research journal, Reseapro publishers.