



Dentistry

Lecture 1

From Scalpel to Console: The Rise of Robotics in Oral and Maxillofacial Surgery

Lecture 2

My Experience and Pearls of Wisdom for Women in OMS



Lecture Details

- ✓ **Date & Time:** Friday, 19 September 2025 (5:30pm to 7:00pm)
- ✓ **Venue:** NUS Dentistry, Level 9 Auditorium
- ✓ **Target Audience:** NUS Dentistry Academic Staff (including MDS residents), NUCOHS / NUH Staff, NDCS Staff
- ✓ **CPE points:** 2 points

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Speaker Profile



**Miss Naseem Binti Ghazali,
BDS, MBBS, MSc, MD, DOHNS,
MRCS, FDSRCS, FRCS(OMFS)**

Miss Naseem Ghazali is a Consultant Oral and Maxillofacial Surgeon, subspecialising in Head and Neck Cancer, Head and Neck Reconstructive and Robotic Surgery at Shrewsbury and Telford NHS Trust, United Kingdom. She holds the Visiting Professor position at the Faculty of Dentistry at University Malaya and MAHSA University, Malaysia.

Miss Ghazali's clinical training has seen her work in Malaysia, United Kingdom, and the United States of America. She is dual-qualified in Dentistry and Medicine from University Malaya and Guy's, King's and St Thomas' School of Medicine, University of London, respectively. Her postgraduate academic qualifications include a Diploma of Otolaryngology-Head and Neck Surgery, Masters with Distinction from the Eastman's Dental Institute University of London, and Doctorate in Medicine from University of Liverpool.

Miss Ghazali is a Fellow of the Royal College of Surgeons of England, and Edinburgh. She spent 24 months post-FRCS as the Head and Neck Fellow at University of Maryland Medical Centre, Baltimore USA. After her Baltimore Fellowship, Miss Ghazali returned to the UK and successfully set up the Head and Neck Robotic Services at East Lancashire Hospitals, which was the first of such services in the Northwest of England. She remains one of a rare group of Maxillofacial surgeons partaking in Head and Neck Robotic Surgery in the UK.

She has published widely, through 48 peer-reviewed scientific papers and chapters in three textbooks in the field of Oral and Maxillofacial Surgery, and Robotic Surgery. She is regularly invited to teach and speak in her area of specialisation internationally.

Miss Ghazali is actively involved in humanitarian work. She is a member of Mercy Malaysia Emergency Medical Team responding to the Morocco earthquake in 2023. Other pro bono medical/surgical elective work include Head and Neck Tumours in Cambodia, and a Cleft Mission to Kirtipur Hospital, Kathmandu. Miss Ghazali has joined the Board of Trustees of Mercy Humanitarian UK (MHUK), a UK-based nongovernmental organisation holding the Medical/Dental Relief Lead position. She currently leads the organisation's novel Oral Health Mission, 'Creating Lasting Smiles', a 3-year rural oral humanitarian healthcare programme in Aghbar, Morocco.

Outside her professional domain, Miss Ghazali enjoys travelling, hiking and cycling. She partakes in furniture restoration, being proficient in French polishing.

Lecture Synopsis

Lecture 1: From Scalpel to Console: The Rise of Robotics in Oral and Maxillofacial Surgery. (45 min with 10 min Q&A)

Robotic technology is redefining oral and maxillofacial surgery by enabling minimally invasive approaches with greater precision and improved patient recovery. This talk will focus on the application of Transoral Robotic Surgery (TORS) in head and neck oncology. Dr Ghazali will be sharing her extensive clinical experience including the setting up of one of the UK's first established TORS services. The advantages and challenges of adopting robotics in surgical practice will be highlighted, alongside its impact on training, multidisciplinary collaboration, and patient outcomes. Looking ahead, the session will consider future developments—including enhanced robotics, augmented reality, and AI integration—that promise to further transform reconstructive and oncological surgery.

Lecture 2: My Experience and Pearls of Wisdom for Women in OMS (30 min with 10-20 min Q&A)

Women in oral and maxillofacial surgery (OMS) continue to face unique challenges in a specialty that demands dual qualifications, lengthy training, and high clinical intensity. Dr Naseem Ghazali reflects on her own journey through this demanding field, highlighting the caveats, pitfalls, and lessons learned along the way. She will discuss the realities of gender bias, the pressures of balancing family and professional life, and the difficulties of career progression in a traditionally male-dominated environment.

Drawing on her experience, Dr Ghazali offers practical advice on resilience, self-advocacy, and the value of building strong networks of support. She underscores the importance of mentorship and allyship in fostering inclusivity and ensuring that the next generation of female surgeons is better equipped to thrive. This session provides an honest and reflective perspective, combining personal insight with professional guidance, to empower women pursuing careers in oral and maxillofacial surgery.

(This talk is intended to be more interactive and the speaker looks forward to audience participation and sharing of opinions/views).