

# NUHS OBSTETRICS & GYNAECOLOGY RESIDENCY PROGRAMME

The National University Health System (NUHS)'s mission is Advancing Women's Health by Integrating Excellent Clinical Care, Research, Quality Improvement and Education.

The aim of our six-year Obstetrics & Gynaecology (OBGYN) Residency Programme is to educate the residents in the breadth and depth of the discipline of Obstetrics and Gynaecology and to foster a lifelong commitment to the promotion of women's health care. The residents will acquire cognitive knowledge, technical skills and interpersonal skills through didactic lectures, small group seminars, audiovisual media, individual instruction, independent reading, and direct patient care. Upon successful completion of the four-year core programme, residents will progress to two years advanced training, culminating in accreditation by the Specialist Accreditation Board of Singapore. The Programme is firmly committed to providing holistic medical training in a vibrant clinical environment with a culture of research, education and quality & innovation.

## Outstanding Features

Well-funded programme opportunities with e-learning, medical simulation and distinction track (leadership) educating research, quality and innovation etc.

Extensive research curriculum to train residents in both basic science and clinical research.

Research mentorship by world renowned visiting experts.

High faculty to resident ratio (2:1 for faculty). Faculty comprises national and international experts within subspecialty areas.

Morning teaching didactics protected from service commitments.

Well-rounded outpatient experiences of both general clinics and specialty clinics. Continuity clinics ensure involvement throughout the patient journey.

With 4,494 deliveries, 5,793 operations, 7,652 inpatient volume and 96,299 outpatient volume annually, we have ample clinical resources to provide exposure to a broad range of OBGYN conditions and cutting-edge treatment.

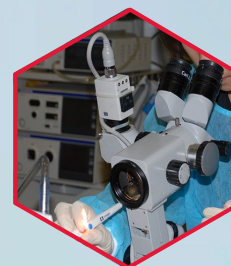
Opportunity to take an elective month in Year 3/4 to develop an area of personal interest.

Opportunities to develop special skills in leadership, education, research & quality & innovation tracks at hospital and national level.

Trainees are consistently above national average for CREOG scores and pass rate for intermediate and exit examinations.



A/Prof Citra Mattar  
Programme Director



## Programme Structure

The overall aim of the Department of Obstetrics and Gynaecology, NUHS is to provide an academic environment that promotes a structured educational experience. We are dedicated towards effective and efficient patient care, with a graduated experience of resident responsibility. We aim to provide holistic medical training to develop evidence-based and compassionate clinicians, in a vibrant academic environment with a culture of continual improvement.

### R1 & R2

Training Objectives		
5 core postings - Obs ward, DS, Gyn ward, Gyn OT and Primary care, Each core posting - 2months and rotate twice.		
POSTING	Stations to cover	Learning objectives
Obs ward	Obs ward (pre/postnatal), Jade OBS, FCC, GDM + continuity clinic (Obs)+FCC	Antenatal and postnatal care, low and high risk pregnancies, Priming Suite, MTPT, discharge summaries and audits; <b>complete Tier 1 USS (within 6m of R1)</b>
DS	DS, Em LSCS, EL LSCS list, EMD (obs) + continuity clinic	Intrapartum care, operative deliveries, Em + EL CS, acute complications
Gyn ward	BG/UG/REI ward (pre/post surgery) + EMD (gyn) + FCC + Jade GYN + continuity clinic (Gyn)	Gyn pre-/post-op care, complex conditions (OHSS, TOA, AUB), EMD gyn admissions, discharge summaries and audits, <b>complete Tier 1 USS (within 6m of R1)</b>
Gyn OT	MCOT (minors) + Jade GYN + NTF GYN + MBOT (majors)	Elective minor operations (independent operation), assist major operations
Primary Care	Jade OBS/GYN + FCC + Meno/Adol/HRC + NTF GYN	Ambulatory clinics, FCC, subspecialty clinics
Clinical elective	MFM/BG/Onco+ Clinics (#COVER)	Ambulatory clinics, clinical elective, <b>first-line COVER</b>
Research elective	Dry lab (epidemiology/clinical trials) + Wet lab (benchwork) + Audit / QIP + Clinics (#COVER)	Ambulatory clinics, research/audit, <b>second-line COVER</b>

### R3 & R4

Training Objectives	
5 rotations - MFM, Benign Gyn, Urogyn, REI, Onco - 3m each	
MFM	Obs ward, DS, EL LSCS, Em LSCS, HRC, GDM, FCC
BG	Gyn MBOT, Jade Gyn, Hysteroscopy / Endometriosis clinics, BG inpatients
REI	Subfertility clinic, CHR, MCOT, Menopause/Adolescent, REI inpatients
UroGyn	UG clinics, UG MBOT, UG inpatients
Gyn-Onco	GO wards, MBOT, Cancer / Colposcopy clinic
Ambulatory Care	Jade OBS/GYN, <b>Subspecialty</b> clinics (eg Menopause/Adolescent), NTF
Elective	Internal or External postings

### R5 & R6

Training Objectives						
POSTING	Stations to cover	Learning objectives	Patient Care	Medical Knowledge	Communication Skills	Systems-based Practice
MFM	Obs ward (pre/postnatal), Jade OBS, FCC, GDM + HRC, FCC + fetal anomalies/genetic counselling, supervise EL LSCS, EM LSCS	Antenatal and postnatal care, low and high risk pregnancies, Priming Suite, MTPT, discharge summaries and audits. Intrapartum care, operative deliveries, Em + EL CS, acute complications. Senior Resident OSATS.	<ul style="list-style-type: none"> <li>• Comprehensive understanding of varying presentations and treatment options for OBGYN conditions.</li> <li>• Recognizes atypical presentations of OBGYN conditions.</li> <li>• Manages patients with complex and atypical OBGYN conditions and complications.</li> <li>• Effectively supervises and educates R1-4.</li> <li>• Arranges for multidisciplinary and collaborative care.</li> <li>• Delivers bad news on complications or death.</li> </ul>	Demonstrates advanced knowledge necessary for management of OBGYN conditions. <ul style="list-style-type: none"> <li>• Effectively supervises and educates lower level residents regarding OBGYN conditions.</li> <li>• Collaborates and provides consultation to other members of the OBGYN team regarding care of patient.</li> <li>• Manages or co-manages critically ill patients.</li> <li>• Implements evidence-based treatment.</li> </ul>	<ul style="list-style-type: none"> <li>• Counsels patients/families about complications/bad outcomes.</li> <li>• Incorporates risk management in process.</li> <li>• Participates in patient/family education</li> <li>• Leads interdisciplinary health care teams</li> <li>• Leads effective transitions of care and team debriefing.</li> <li>• Responds to requests for consultation in a timely manner and communicates recommendations to the requesting team.</li> </ul>	<ul style="list-style-type: none"> <li>• Compassion, integrity, respect for others. Punctuality, responsiveness; Reliability. Coaches others to do the same.</li> <li>• Self-awareness of fatigue and stress, management of stressors.</li> <li>• Reports errors / near misses to the institutional surveillance systems. Able to conduct root cause analysis.</li> <li>• Actively participates in quality improvement /patient safety projects. Organises and leads institutional QI /patient safety projects.</li> <li>• Contributes to peer reviewed medical literature.</li> </ul>
GYN-ONC	Gyn-Onc ward, pre-/post-surgery care, Cancer clinics. Colposcopy, MBOT Gyn Onc + Robotics	Pre-/Post-surgical care, RT/chemotherapy care, ordering TPN, Tumour Board, proficiency in major abdominal surgery. Senior Resident OSATS.				
REI	REI ward (pre/post surgery) + Jade GYN + Menopause/Adol outpt + Subfertility clinic + CHR + MCOT/IVF + MBOT/MIS	Gyn pre-/post-op care, complex conditions (OHSS, TOA, AUB), EMD gyn admissions, discharge summaries and audits. Senior Resident OSATS.				
BG	MCOT (minors) + Jade GYN + NTF GYN + MBOT (majors) + BG/UG wards + Outpt hysteroscopy / UG + MIS Accreditation (To reach Level 2) + Robotics SR training	Inpatient pre-/post-surgery care, proficiency in major operations, independence and safety in emergency surgeries, ambulatory care, outpatient procedures. To complete Senior Resident OSATS.				
CCR	2 months (minimum of 1 month) in whichever posting they are assigned by their PD. The R5 will continue with the subspecialty training programme in the host institute, and this will be accredited towards their 6 month posting at their parent institute.	Subspecialty training mirroring the R5's assigned postings + general OG; R5 will fulfill existing list of requirements. The content/skill to achieve during the cross-cluster rotation will need to ensure that the residents' training needs are not compromised in any way and will not result in the need to make up for them in other rotations. The appropriate handover of supervision will be handled between the PDs.				