

**FEMALE AND RECONSTRUCTIVE UROLOGY
FELLOWSHIP ATTACHMENT PROGRAMME IN SGH**

Components	Information
1. Division/ Department	Surgery & Surgical Oncology/ Urology
2. Title of Programme	Clinical Fellowship Training in Female and Reconstructive Urology
3. Relevant Registrations	<ul style="list-style-type: none"> • Temporary Registration with Singapore Medical Council (SMC) • Training employment pass application with Ministry of Manpower, Singapore (MOM) (upon successful Temporary Registration with Singapore Medical Council)
4. Overview 4.1 Background information	Upon completion, Fellows will be able to assess and manage common female, functional and reconstructive urological problems.
4.2 Goal/ aim(s)	The treatment and management of patients with common functional urology problems e.g. Urinary incontinence, voiding dysfunction and lower tract pathology.
4.3 Duration	6 to 12 months
4.4 Hyperlinks/URL Sites	https://www.sgh.com.sg/patient-care/specialties-services/urology
5. Target Audience	Urologists who have completed training in General Urology, preferably with postgraduate qualifications e.g. Master of Medicine, MRCS, and FRACS.
5.1 Pre-requisite /eligibility requirement(s)	<p>General requirements for Temporary Registration for training (required by SMC):</p> <ul style="list-style-type: none"> • A basic medical degree from an accredited medical university or medical school • Passed the relevant national licensing examination in the country of conferment of basic degree, where applicable • Evidence of at least 12 months houseman-ship / internship with a certificate of satisfactory completion of houseman-ship or equivalent • Been registered as a medical practitioner in the country where he is currently practising • Been certified to be of good standing by the Medical Council or the relevant national authority <p>Note: The doctor should be in active clinical practice (and been registered as a medical practitioner in the countries of practice) for the 3 years preceding the application for medical registration in Singapore.</p> <p>In addition to the above criteria, Clinical Fellows must:</p> <ol style="list-style-type: none"> a) Have a minimum of 3 years working experience as a medical officer (or equivalent) b) Fulfil English Language requirements of SMC if the medium of instruction for the basic medical qualification is <u>not</u> in English c) Preferably have obtained a postgraduate diploma or medical degree in his country or overseas d) Be sponsored by (i) the government, or (ii) regional health authority or (iii) an appropriate institution in the home country. For (d)(iii), the doctor must be on current full-time employment (40 hours or more per week) with the sponsoring institution.

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	<p>As a Clinical Fellow, the doctor will be allowed to be involved in patient care and make entries in patients' case note, communicate care plans to patients and fellow healthcare professionals, and perform procedures under <u>direct</u> supervision or Level 1 supervision under SMC's Supervisory Framework.</p> <p>Department's requirement, if any (only for Clinical Fellow in this subspecialty):</p> <ul style="list-style-type: none"> • Current position as Registrar, Senior Resident or equivalent (Advance Specialty Training level) • Postgraduate medical qualification, e.g. Master of Medicine or equivalent • Valid Basic Cardiac Life Support (BCLS) certification during the training attachment period
<p>6. Learning Objectives</p>	<p>This fellowship would allow the Fellow to:</p> <ul style="list-style-type: none"> • Manage male and female storage & voiding disorders. <ul style="list-style-type: none"> ○ assessment with video UDS ○ various treatment modalities • Manage lower tract pathology that requires reconstruction, e.g. urethral strictures, VVF, urethral diverticulum. • Manage multi-disciplinary pelvic floor disorders in a team setting (PFDS Service), e.g. POP. • Participate in clinical research with aims of publications. • Attend local, regional and international conferences.
<p>7. Course/Training Syllabus</p>	<ul style="list-style-type: none"> • Urinary incontinence • Voiding dysfunction • Urethral strictures • Urinary fistula / diverticulum • Botulinum toxin injection • TVT / TOT • Male Sling / AUS • Diverticulum / Fistula repair • Treatment of urethral strictures • Urodynamics • Video urodynamics • Electrical nerve stimulation
<p>8. Training Method</p>	<p>Method of Supervision: Direct observation and feedback. Fellow will be supervised by an assigned supervisor at all times.</p> <p>Observed Only: Fellows will have opportunities to observe the following procedures:</p> <ul style="list-style-type: none"> - Excision of urethral diverticulum - Closure of VVF - Insertion of AUS <p>Hands-On Experience: Fellows will perform or assist in the following procedures under supervision:</p> <ul style="list-style-type: none"> - Urodynamics (Video & non-video) - Insertion of MUS & other slings injection of botulinum toxin

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	<ul style="list-style-type: none"> - Augmentation and clam cystoplasty - Urethroplasty <p>No job rotation to other departments within SGH is required. No job rotation to other Institutions is required.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #D3D3D3;"> <th colspan="3">TRAINING ACTIVITIES & METHODOLOGY</th> </tr> <tr style="background-color: #D3D3D3;"> <th style="width: 35%;">Name of activity</th> <th style="width: 30%;">Frequency / No. of sessions / Length of session</th> <th style="width: 35%;">Teaching methodology</th> </tr> </thead> <tbody> <tr> <td>Fellow's presentation</td> <td>2 sessions for 1 hour</td> <td>Presentation</td> </tr> <tr> <td>Pre / Post OT Summary</td> <td>Weekly for 1 hour</td> <td>Open discussion</td> </tr> <tr> <td>Morbidity & Mortality</td> <td>Weekly for 1 hour</td> <td>Open discussion</td> </tr> <tr> <td>X-ray Conference</td> <td>Weekly for 1 hour</td> <td>Open discussion with Radiologists</td> </tr> <tr> <td>Grand Ward Round</td> <td>Weekly for 1 hour</td> <td>Presentation of Ward Cases</td> </tr> <tr> <td>Uropathological Meeting</td> <td>Monthly for 1 hour</td> <td>Open discussion with Pathologists</td> </tr> <tr> <td>GU Tumour Board Meeting</td> <td>Monthly for 1 hour</td> <td>Open discussion with Medical & Radiation Oncologists</td> </tr> </tbody> </table>	TRAINING ACTIVITIES & METHODOLOGY			Name of activity	Frequency / No. of sessions / Length of session	Teaching methodology	Fellow's presentation	2 sessions for 1 hour	Presentation	Pre / Post OT Summary	Weekly for 1 hour	Open discussion	Morbidity & Mortality	Weekly for 1 hour	Open discussion	X-ray Conference	Weekly for 1 hour	Open discussion with Radiologists	Grand Ward Round	Weekly for 1 hour	Presentation of Ward Cases	Uropathological Meeting	Monthly for 1 hour	Open discussion with Pathologists	GU Tumour Board Meeting	Monthly for 1 hour	Open discussion with Medical & Radiation Oncologists
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9. Assessment and Evaluation	<p>Fellows will need to demonstrate their proficiency level based on the following competencies:</p> <ol style="list-style-type: none"> 1) Patient Care <ul style="list-style-type: none"> • Demonstrates that he / she know patients well. • Knowledge of patient's history, physical findings, investigations and care. • Recognition of clinical problems. • Assessment of clinical problems. • Planning management of clinical problem / condition. 2) Medical Knowledge <ul style="list-style-type: none"> • Demonstrates appropriate knowledge and competence in general urological disease. • Demonstrates appropriate knowledge in sub-specialty topics – female urology, functional disorders and reconstructive urology. 3) Practice-Based Learning and Improvement <ul style="list-style-type: none"> • Demonstrates a personal commitment and drive to learn through self-practice and self-evaluation. 																											

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	<p>4) Interpersonal and Communication Skills</p> <ul style="list-style-type: none"> • Able to communicate with patient and members of family. • Able to obtain consent explaining procedure, risks and alternatives to patients. • Able to communicate effectively with members of the team. <p>5) Professionalism</p> <ul style="list-style-type: none"> • Demonstrates professionalism including honesty, integrity, ethical behavior, respecting confidentiality etc. <p>6) Systems-Based Practice</p> <ul style="list-style-type: none"> • Able to function within department, liaise with colleagues with other departments and in the hospital setting. 									
9.1 Assessment approaches	<p>Formative assessment:</p> <ul style="list-style-type: none"> • Regular evaluation between Fellow and Supervisor / Head of Department • Reflective journal- logbook recordings of training activities <p>Summative assessment: Periodical assessment reports as required by Singapore Medical Council</p> <p>Feedback:</p> <ul style="list-style-type: none"> • End-of-training feedback form as required by Singapore Medical Council • End-of-training feedback session with SGH-PGMI 									
9.2 Evaluation Process 9.2.1 General overall grading system	<p>The general overall grading system evaluates the Fellow's performance upon completion of the fellowship programme. All Fellows will be given a general overall grading status at the end of the fellowship programme based on the grading criteria requirements incorporating the six competencies based knowledge, skills and performance that Fellows must demonstrate throughout the programme.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="background-color: #4F81BD; color: white;">Grading Status</th> <th style="background-color: #4F81BD; color: white;">Description</th> <th style="background-color: #4F81BD; color: white;">Grading Criteria Requirements</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">CMP</td> <td style="text-align: center;">Completes the programme</td> <td> <ul style="list-style-type: none"> • Satisfactorily grading from multi-channel feedback including Supervisor. • Satisfies six core competencies. </td> </tr> <tr> <td style="text-align: center;">USP</td> <td style="text-align: center;">Unsatisfactory performance</td> <td> <ul style="list-style-type: none"> • Fails competency assessments • Exceeds number of days of leave taken. </td> </tr> </tbody> </table>	Grading Status	Description	Grading Criteria Requirements	CMP	Completes the programme	<ul style="list-style-type: none"> • Satisfactorily grading from multi-channel feedback including Supervisor. • Satisfies six core competencies. 	USP	Unsatisfactory performance	<ul style="list-style-type: none"> • Fails competency assessments • Exceeds number of days of leave taken.
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9.2.2 Options for Fellows who were graded with a (USP) for unsatisfactory performance	No certificate will be given.						
9.3 Criteria for Early Termination	<p>The attachment programme will be terminated early on the ground of the Fellow's poor performance, misdemeanour, misconduct, negligence or breach of any terms stipulated or referred to in the Fellowship Letter of Offer and Institution Terms and Conditions.</p> <p>The Fellow may also request to terminate the attachment programme for reasons such as serious illness or other personal obligations.</p> <p>The institution will review all requests for early termination with the Fellow and the Supervisor / Head of Department.</p>						
10. Course Administration	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Type of Certification</td> <td>: Certificate of Training</td> </tr> <tr> <td>Training Fee</td> <td>: S\$3,210 per month</td> </tr> <tr> <td>Programme Funding source</td> <td>: Self-funded</td> </tr> </table>	Type of Certification	: Certificate of Training	Training Fee	: S\$3,210 per month	Programme Funding source	: Self-funded
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