

REPRODUCTIVE MEDICINE FELLOWSHIP ATTACHMENT
PROGRAMME IN SGH

| Components | Information |
|---|---|
| 1. Division/ Department | Surgery & Surgical Oncology/ Obstetrics & Gynaecology |
| 2. Title of Programme | Clinical Fellowship Training in Reproductive Medicine |
| 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 | <p>The SGH Reproductive Medicine unit is part of the Department of Obstetrics and Gynaecology and is based at the Centre of Assisted Reproduction. We offer all aspects of infertility care ranging from basic investigations and treatment to advanced assisted reproductive (ART) techniques. We have dedicated clinics for basic infertility assessment, ART patients and uro-andrology patients. We also coordinate care for patients who require subspecialty care within our department including advanced endometriosis surgery and prenatal genetic diagnosis. As part of a large tertiary care hospital, we frequently receive referrals from other disciplines for multidisciplinary care of infertile couples.</p> <p>Our Reproductive Medicine Fellowship Programme is a comprehensive training programme targeted at postgraduate gynaecologists who wish to pursue their interest in reproductive medicine.</p> |
| 4.1 Background information | |
| 4.2 Goal/ aim(s) | To train the Fellow to be Reproductive Medicine subspecialists. |
| 4.3 Duration | 6 months |
| 4.4 Hyperlinks/URL Sites | https://www.sgh.com.sg/Clinical-Departments-Centers/Obstetrics-Gynaecology/Pages/overview.aspx |
| 5. Target Audience | International candidates. |
| 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> |

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| | <p>a) Have a minimum of 3 years working experience as a medical officer (or equivalent)</p> <p>b) Fulfil English Language requirements of SMC if the medium of instruction for the basic medical qualification is <u>not</u> in English</p> <p>c) Preferably have obtained a postgraduate diploma or medical degree in his country or overseas</p> <p>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.</p> <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"> • Postgraduate medical qualification e.g. MRCOG, Master of Medicine or equivalent. • Minimum 2 years of postgraduate training experience in relevant specialty after obtaining the postgraduate medical qualification. • Current position as Registrar, Senior Resident or equivalent (Advanced Specialty Training level). |
| <p>6. Learning Objectives</p> | <p>This fellowship aims to train the Fellow to competently:</p> <ol style="list-style-type: none"> 1. Evaluate, counsel and manage an infertile couple. 2. Appreciate all aspects of ART treatment including ovulation induction, insemination, IVF/ ICSI, observe laparoscopic/ hysteroscopic surgery, andrology. 3. Perform common ART procedures including tubal contrast sonography, oocyte retrieval; observe embryo transfer and PESE/ TESE. 4. Identify and manage complex infertility cases and complications arising from ART. 5. Perform independent research and work towards a published paper in a peer-reviewed journal. |
| <p>7. Course/Training Syllabus</p> | <p>The programme covers clinical and research aspects of:</p> <ul style="list-style-type: none"> • Andrology • Early Pregnancy • Endocrinology • Genetics • Reproductive biology • Reproductive surgery • Ultrasound imaging • Psychology and counselling |
| <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:</p> |

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| | <p>Clinical Fellows will have opportunities to observe the following procedures:</p> <ul style="list-style-type: none"> • IUI • Hysterosonogram • Oocyte retrieval • Embryo transfer • Hsterolaproscopy <p>Hands-On Experience: Clinical Fellows will perform or assist in the following procedures under supervision:</p> <ul style="list-style-type: none"> • IUI • Hysterosonogram • Oocyte retrieval • Embryo transfer <p>No job rotation to other departments within SGH and to other institutions.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #cccccc;"> <th colspan="3">TRAINING ACTIVITIES & METHODOLOGY</th> </tr> <tr style="background-color: #cccccc;"> <th style="width: 40%;">Name of activity</th> <th style="width: 30%;">Frequency/ No. of sessions/ Length of session</th> <th style="width: 30%;">Teaching methodology</th> </tr> </thead> <tbody> <tr> <td>IVF meeting</td> <td>Weekly/ 1 hour</td> <td>Case discussion</td> </tr> <tr> <td>Andrology clinics</td> <td>Weekly / 4 hours</td> <td>Observation/ Direct supervised patient management</td> </tr> <tr> <td>Reproductive Medicine journal club and masterclass</td> <td>Twice a month/ 1 hour each</td> <td>Discussion on current practice</td> </tr> <tr> <td>Infertility clinics</td> <td>Daily/ 4 hours</td> <td>Observation/ Direct supervised patient management</td> </tr> <tr> <td>Day procedures in IVF centre</td> <td>Daily/ 1 – 1.5 hours</td> <td>Observation/ Direct supervised patient management</td> </tr> <tr> <td>Operating Theatre</td> <td>Weekly/ up to 6 hours</td> <td>Observation/ Direct supervised patient management</td> </tr> </tbody> </table> | TRAINING ACTIVITIES & METHODOLOGY | | | Name of activity | Frequency/ No. of sessions/ Length of session | Teaching methodology | IVF meeting | Weekly/ 1 hour | Case discussion | Andrology clinics | Weekly / 4 hours | Observation/ Direct supervised patient management | Reproductive Medicine journal club and masterclass | Twice a month/ 1 hour each | Discussion on current practice | Infertility clinics | Daily/ 4 hours | Observation/ Direct supervised patient management | Day procedures in IVF centre | Daily/ 1 – 1.5 hours | Observation/ Direct supervised patient management | Operating Theatre | Weekly/ up to 6 hours | Observation/ Direct supervised patient management |
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| | <div style="border: 1px solid black; width: 100%; height: 100%;"></div> <p>Night duties requirement: No night duties required.</p> |
| 9. Assessment and Evaluation | <p>Fellows will need to demonstrate their proficiency level based on the following competencies:</p> <p>1) Patient Care</p> <ul style="list-style-type: none"> • Fellow must be able to interview an infertile couple and perform a basic infertility evaluation applying current evidence-based principles. • Fellow must be able to evaluate and manage ART patients. • Fellow must understand how to avoid and manage ART complications. <p>2) Medical Knowledge</p> <ul style="list-style-type: none"> • Fellow must appreciate basic science knowledge in reproductive physiology and endocrinology. • Fellow must demonstrate an appreciation of clinical aspects of infertility and ART and be able to apply theoretical knowledge in these areas to clinical management of the infertile couple. <p>3) Practice-Based Learning and Improvement</p> <ul style="list-style-type: none"> • Fellow must demonstrate an understanding of standard guidelines and apply them to meet the specific needs of each infertile couple. <p>4) Interpersonal and Communication Skills</p> <ul style="list-style-type: none"> • Fellow must be able to adequately counsel an infertile couple and provide patient education for common infertility conditions. • Fellow must be able to communicate with other healthcare professionals in the IVF unit, including nurses, embryologists and pharmacists. <p>5) Professionalism</p> <ul style="list-style-type: none"> • Fellow must dedicate themselves to patient care and demonstrate commitment to carrying out professional responsibilities, adhering to ethical and legal principles at all times. <p>6) Systems-Based Practice</p> <ul style="list-style-type: none"> • Fellow must be sensitive to high financial cost associated with ART and take steps to minimise cost without compromising quality. • Fellow must demonstrate their ability to collaborate with other healthcare providers to optimise patient care. |
| 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:</p> <ul style="list-style-type: none"> • Periodical assessment reports as required by Singapore Medical Council |

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| | <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 | | | | | | | | | | | | | | | |
| <p>9.2 Evaluation Process 9.2.1 General overall grading system</p> | <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" data-bbox="503 699 1479 1883"> <thead> <tr> <th data-bbox="503 699 665 779">Grading Status</th> <th data-bbox="665 699 1006 779">Description</th> <th data-bbox="1006 699 1479 779">Grading Criteria Requirements</th> </tr> </thead> <tbody> <tr> <td data-bbox="503 779 665 947">CMP</td> <td data-bbox="665 779 1006 947">Completes the programme</td> <td data-bbox="1006 779 1479 947"> <ul style="list-style-type: none"> • 90% attendance for all meetings and training activities. • Active participation in training activities. </td> </tr> <tr> <td data-bbox="503 947 665 1415">USP</td> <td data-bbox="665 947 1006 1415">Unsatisfactory performance</td> <td data-bbox="1006 947 1479 1415"> <ul style="list-style-type: none"> • Poor attendance in meetings and training activities. • Consistently demonstrates a poor professional attitude throughout the programme. • Consistently demonstrates poor training skills and patient care. • Demonstrates a low level of respect towards advisors and other healthcare professionals. • Demonstrates a lack of responsibility throughout the programme. </td> </tr> <tr> <td data-bbox="503 1415 665 1766">DCP</td> <td data-bbox="665 1415 1006 1766">Did not complete the programme</td> <td data-bbox="1006 1415 1479 1766"> <ul style="list-style-type: none"> • Did not attend any meetings or training activities. • Fails to provide supporting documents as a valid reason for not completing the programme (e.g. medical/ hospitalisation leave). • Consistently demonstrates a poor professional attitude throughout the programme. </td> </tr> <tr> <td data-bbox="503 1766 665 1883">WDN</td> <td data-bbox="665 1766 1006 1883">Withdrawn from the programme</td> <td data-bbox="1006 1766 1479 1883"> <ul style="list-style-type: none"> • Did not complete or attend any part of the programme within a month. </td> </tr> </tbody> </table> | Grading Status | Description | Grading Criteria Requirements | CMP | Completes the programme | <ul style="list-style-type: none"> • 90% attendance for all meetings and training activities. • Active participation in training activities. | USP | Unsatisfactory performance | <ul style="list-style-type: none"> • Poor attendance in meetings and training activities. • Consistently demonstrates a poor professional attitude throughout the programme. • Consistently demonstrates poor training skills and patient care. • Demonstrates a low level of respect towards advisors and other healthcare professionals. • Demonstrates a lack of responsibility throughout the programme. | DCP | Did not complete the programme | <ul style="list-style-type: none"> • Did not attend any meetings or training activities. • Fails to provide supporting documents as a valid reason for not completing the programme (e.g. medical/ hospitalisation leave). • Consistently demonstrates a poor professional attitude throughout the programme. | WDN | Withdrawn from the programme | <ul style="list-style-type: none"> • Did not complete or attend any part of the programme within a month. |
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| 9.2.2 Options for Clinical Fellow who was graded with a (USP) for unsatisfactory performance | <ol style="list-style-type: none"> 1. To leave the programme. 2. Continue with training programme after discussion with Programme Director. |
| 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 | <p>Type of Certification: Certificate of Training</p> <p>Training Fee: S\$3,210 per month</p> <p>Programme Funding source: Self-funded</p> |
| 11. Number of Clinical Fellow to be accepted at any one time | 2 |