

**ORTHOPAEDIC SURGERY, FOOT AND ANKLE SERVICE
FELLOWSHIP ATTACHMENT PROGRAMME IN SGH**

Components	Information	
1. Division/ Department	Musculoskeletal Sciences/ Orthopaedic Surgery, Foot & Ankle Service	
2. Title of Programme	Clinical Fellowship Training in Orthopaedic Surgery, Foot and Ankle Service	
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 main objective of this attachment programme is for Clinical Fellows to gain exposure in Foot and Ankle Surgery and learn specific clinical skills.</p> <p><u>Note:</u> Completion of attachment programme does not prove Fellow's level of competency</p>	
4.1 Background information		
4.2 Goal/ aim(s)		<ul style="list-style-type: none"> • Clinical Fellows will assist in surgery and may be assigned to a research project • Clinical Fellows will be expected to participate in all educational teaching programmes of the Department, general and round and weekly case presentations.
4.3 Duration		<p>6 to 12 months</p> <p>For a 12-month attachment, there will be more hands-on exposure and Clinical Fellows can participate in research projects as well as more opportunities in teaching sessions.</p>
4.4 Hyperlinks/URL Sites	https://www.sgh.com.sg/patient-care/specialties-services/orthopaedic-surgery/pages/foot---ankle-service.aspx	
5. Target Audience	<p>Orthopaedic surgeons who have specific interest in the subspecialty (Foot & Ankle), preferably from the following countries (others are also welcomed to apply as long as they meet the eligibility criteria):</p> <ul style="list-style-type: none"> • India • Philippines • Malaysia • Indonesia 	
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 	

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	<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"> Have a minimum of 3 years working experience as a medical officer (or equivalent) Fulfil English Language requirements of SMC if the medium of instruction for the basic medical qualification is <u>not</u> in English Preferably have obtained a postgraduate diploma or medical degree in his country or overseas 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>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 Fellows in this subspecialty):</p> <ul style="list-style-type: none"> FRCS "Ortho" or equivalent Able to commit a minimum period of 6 months in the Clinical Fellowship Attachment <p>Note: Completion of attachment programme does not prove Fellow's level of competency</p>
<p>6. Learning Objectives</p>	<p>This attachment programme allows Clinical Fellows to gain exposure/experience in:</p> <ul style="list-style-type: none"> Outpatient clinic exposure and assessment in foot and ankle conditions He/she will assist in surgery He/she may be assigned a research project He/she will be expected to participate in all educational teaching programme of the Department, general and round and weekly case presentations. <p>This will be under supervision at <u>all times</u>.</p>
<p>7. Course/Training Syllabus</p>	<p>Clinical Fellows will have opportunities to observe and/ or perform / assist (hands-on experience) in the following procedures under direct supervision at all times:</p> <ol style="list-style-type: none"> Ankle arthroscopic procedures Ankle tendon reconstruction/endoscopic procedures Forefoot reconstructive procedures Hindfoot reconstruction procedures Total ankle arthroplasty Foot and ankle acute trauma Soft tissue flaps and coverage procedures

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8. Training Method	<p>Method of Supervision: Direct observation and feedback. Fellow will be supervised by an assigned supervisor at all times.</p> <p>Observed Only: Clinical Fellows will have opportunities to observe the following procedures:</p> <ol style="list-style-type: none"> 1. Ankle arthroscopic procedures 2. Ankle tendon reconstruction/endoscopic procedures 3. Forefoot reconstructive procedures 4. Hindfoot reconstruction procedures 5. Total ankle arthroplasty 6. Foot and ankle acute trauma 7. Soft tissue flaps and coverage procedures <p>Hands-On Experience: Clinical Fellows may have opportunities to assist in the following procedures under direct supervision:</p> <ol style="list-style-type: none"> 1. Ankle arthroscopic procedures 2. Ankle tendon reconstruction/endoscopic procedures 3. Forefoot reconstructive procedures 4. Hindfoot reconstruction procedures 5. Total ankle arthroplasty 6. Foot and ankle acute trauma 7. Soft tissue flaps and coverage procedures <p>No job rotation to other departments within SGH and no job rotation 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> Clinics Outpatient clinic exposure and assessment :- <ul style="list-style-type: none"> - Inpatient care - Post-op care - Foot and ankle rehabilitation </td> <td> 3 days weekly: 1 day – 2 sessions (am & pm) Per session : 3 to 4 hrs </td> <td> Under direct supervision – involved in patient care, write patients' case notes, communicate care plans to patients and fellow healthcare professionals </td> </tr> <tr> <td>Surgery</td> <td>2 days weekly</td> <td>Under direct supervision – allowed to perform / assist procedures</td> </tr> <tr> <td>Journal Clubs</td> <td>Once / monthly</td> <td>Discuss on latest journal publications selected by consultant hosting the journal club. For these teaching sessions, fellows, residents will be assigned to present the</td> </tr> </tbody> </table>	TRAINING ACTIVITIES & METHODOLOGY			Name of activity	Frequency / No. of sessions / Length of session	Teaching methodology	Clinics Outpatient clinic exposure and assessment :- <ul style="list-style-type: none"> - Inpatient care - Post-op care - Foot and ankle rehabilitation 	3 days weekly: 1 day – 2 sessions (am & pm) Per session : 3 to 4 hrs	Under direct supervision – involved in patient care, write patients' case notes, communicate care plans to patients and fellow healthcare professionals	Surgery	2 days weekly	Under direct supervision – allowed to perform / assist procedures	Journal Clubs	Once / monthly	Discuss on latest journal publications selected by consultant hosting the journal club. For these teaching sessions, fellows, residents will be assigned to present the
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			journals, followed by in-depth case discussion.
	Foot and Ankle Research	Every 1 st Thursday monthly (1 to 2 hrs)	
	Mortality & Morbidity Rounds	Every Thursday (1 to 2 hrs)	Clinical incidents (include patient mortalities and morbidities & serious reportable events) are reported via online system to the Quality Assurance Committee, These are discussed and reviewed by the department. Purpose is to address areas and issues identified so as to prevent further occurrences of similar events for quality assurance.
9. Assessment and Evaluation	<p>Clinical 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"> - History and physical examination 2) Medical Knowledge <ul style="list-style-type: none"> - Diagnose foot and ankle problems - Selecting the right procedure - Suitable Post-operative care 3) Practice-Based Learning and Improvement <ul style="list-style-type: none"> - Surgical techniques 4) Interpersonal and Communication Skills <ul style="list-style-type: none"> - Discussion of risks and options in foot and ankle surgery 5) Professionalism <ul style="list-style-type: none"> - Punctuality and good attendance 6) Systems-Based Practice <ul style="list-style-type: none"> - Team collegiality 		

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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 Clinical Fellow's performance upon completion of the fellowship programme. All Clinical Fellow 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 Clinical Fellow 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="background-color: #D9E1F2;">CMP</td> <td style="background-color: #D9E1F2;">Completes the programme</td> <td style="background-color: #D9E1F2;"> At least 80% attendance for all meetings and training activities. Active participation in most training activities. </td> </tr> <tr> <td style="background-color: #D9E1F2;">USP</td> <td style="background-color: #D9E1F2;">Unsatisfactory performance</td> <td style="background-color: #D9E1F2;"> Less than 30% attendance for all meetings and training activities. Consistently demonstrates poor training skills and patient care. Demonstrates no respect towards Supervisor or other Health Professionals' advice. Lack of responsibility throughout the programme and lack of interest to learn. </td> </tr> <tr> <td style="background-color: #D9E1F2;">DCP</td> <td style="background-color: #D9E1F2;">Did not complete the programme</td> <td style="background-color: #D9E1F2;"> Does not attend any meeting or attend any training activities. No supporting documents for absence or valid reason for not completing the programme (e.g. medical certificate / hospitalisation leave). </td> </tr> </tbody> </table>	Grading Status	Description	Grading Criteria Requirements	CMP	Completes the programme	At least 80% attendance for all meetings and training activities. Active participation in most training activities.	USP	Unsatisfactory performance	Less than 30% attendance for all meetings and training activities. Consistently demonstrates poor training skills and patient care. Demonstrates no respect towards Supervisor or other Health Professionals' advice. Lack of responsibility throughout the programme and lack of interest to learn.	DCP	Did not complete the programme	Does not attend any meeting or attend any training activities. No supporting documents for absence or valid reason for not completing the programme (e.g. medical certificate / hospitalisation leave).
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<p>9.3 Criteria for Early Termination</p>	<p>The attachment programme will be terminated early on the ground of the Clinical Fellow's poor performance, misdemeanour, misconduct, negligence or breach of any terms stipulated or referred to in the Clinical Fellowship Letter of Offer and Institution Terms and Conditions.</p> <p>The Clinical 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 Clinical Fellow and the Supervisor / Head of Department.</p>			
<p>10. Course Administration</p>	<p>Type of Certification: Certificate of Training</p> <p>Training Fee: S\$3,210 per month</p> <p>Programme Funding source: Self-funded</p>			
<p>11. Number of Clinical Fellow to be accepted at any one time</p>	<p>3</p>			