

**OTOLOGY/NEURO-OTOLOGY FELLOWSHIP
ATTACHMENT PROGRAMME IN SGH**

Components	Information
1. Division/ Department	Surgery & Surgical Oncology/ Otorhinolaryngology - Head & Neck Surgery
2. Title of Programme	Clinical Fellowship Training in Otolaryngology/Neuro-otology
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	<p>Our department sees many cases of ENT problems in Singapore and the region. Both observership and hands-on with relevant certification and approval is required for the different programmes.</p> <p>Fellow will be under the supervision of an appointed consultant-in-charge throughout the whole attachment. They will work alongside with the team of trainees in the clinic and operating theatre.</p>
4.2 Goal/ aim(s)	Develop skills in the medical and surgical management of patients with various Otolaryngological and Neuro-otological conditions.
4.3 Duration	6 to 12 months
4.4 Hyperlinks/URL Sites	https://www.sgh.com.sg/patient-care/specialties-services/Otolaryngology
5. Target Audience	ENT Specialists
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

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	<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): NIL</p>	
<p>6. Learning Objectives</p>	<p>This fellowship would allow the Fellow to develop skills in the medical and surgical management of patients with various Otolological and Neuro-otological conditions.</p>	
<p>7. Course/Training Syllabus</p>	<p>Clinic</p>	<ul style="list-style-type: none"> - Develop competency in taking a detailed history and performing clinical examination to come to a diagnosis - Be able to formulate appropriate management plan - Cases seen in clinic include discharging ears (cholesteatoma, chronic suppurative otitis media, otitis externa), hearing loss, vertigo, tinnitus, acoustic neuroma
	<p>Procedures/ surgical skills</p>	<p>Able to perform:</p> <ul style="list-style-type: none"> - Myringotomy, ventilation tube insertions under LA/GA - Myringoplasties (fat-plug, cartilage, open, underlay/ onlay) - Meatoplasties - Mastoidectomies - Canalplasties - Stapedotomies - Endoscopic ear surgeries <p>Able to understand the steps and principles of</p> <ul style="list-style-type: none"> - Cochlear implant surgery - Temporal bone resection - Acoustic neuroma surgery
	<p>Research</p>	<ul style="list-style-type: none"> - Complete at least 1 research study by the end of the attachment - Present research study at local and international conferences - Publish research study in peer-reviewed journal

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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>Hands-On Experience: Fellows will assist in the following procedures under supervision:</p> <ul style="list-style-type: none"> (a) Cochlear Implants (b) Temporal Bone Resections (c) Acoustic Neuroma Excisions (d) Mastoidectomies (e) Myringoplastics (f) Meatoplasties (g) Canalplasties (h) Stapedotomies (i) Ossiculoplasties (j) Endoscopic ear surgeries (k) Out-patient Consultations and Procedures <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: #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>Clinic Experience</td> <td>4 sessions/week</td> <td>Mentorship</td> </tr> <tr> <td>Operation Room Experience</td> <td>2 sessions/week</td> <td>Mentorship</td> </tr> <tr> <td>In-patient</td> <td>2 session/week</td> <td>Mentorship</td> </tr> <tr> <td>Combined Radiological Conference</td> <td>Once/month (1 hr)</td> <td>Discussion</td> </tr> <tr> <td>Mortality & Morbidity</td> <td>Once a week (1 hr)</td> <td>Discussion</td> </tr> <tr> <td>Research Activity</td> <td>2 sessions/week</td> <td>Mentorship</td> </tr> <tr> <td>Journal Club</td> <td>Once/month (1hr)</td> <td>Discussion</td> </tr> <tr> <td>Grand Ward Round</td> <td>Once/month (1hr)</td> <td>Discussion</td> </tr> </tbody> </table>	TRAINING ACTIVITIES & METHODOLOGY			Name of activity	Frequency /No. of sessions/Length of session	Teaching methodology	Clinic Experience	4 sessions/week	Mentorship	Operation Room Experience	2 sessions/week	Mentorship	In-patient	2 session/week	Mentorship	Combined Radiological Conference	Once/month (1 hr)	Discussion	Mortality & Morbidity	Once a week (1 hr)	Discussion	Research Activity	2 sessions/week	Mentorship	Journal Club	Once/month (1hr)	Discussion	Grand Ward Round	Once/month (1hr)	Discussion
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9. Assessment and Evaluation	<p>Fellows will need to demonstrate their proficiency level based on the following competencies:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">1) Patient Care</td> <td style="width: 50%;"></td> </tr> </table>	1) Patient Care																													
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	<p>Provide appropriate management for patients.</p> <p>2) Medical Knowledge Demonstrates up-to-date knowledge commensurate with postgraduate level of training.</p> <p>3) Practice-Based Learning and Improvement Engage in on-going learning.</p> <p>4) Interpersonal and Communication Skills Communicates effectively with patients and family, and with other healthcare professionals.</p> <p>5) Professionalism Accepts responsibility and follows through on tasks.</p> <p>6) Systems-Based Practice Promotes patient safety.</p>									
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 style="background-color: #4F81BD; color: white;"> <th>Grading Status</th> <th>Description</th> <th>Grading Criteria Requirements</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">CMP</td> <td>Completes the programme</td> <td>Participation in specialist outpatient clinics and surgeries for patients.</td> </tr> <tr> <td style="text-align: center;">USP</td> <td>Unsatisfactory performance</td> <td> <ul style="list-style-type: none"> Attendance of less than 50% of specialist outpatient clinics and elective surgeries. Exceeded number of days of leave taken. </td> </tr> </tbody> </table>	Grading Status	Description	Grading Criteria Requirements	CMP	Completes the programme	Participation in specialist outpatient clinics and surgeries for patients.	USP	Unsatisfactory performance	<ul style="list-style-type: none"> Attendance of less than 50% of specialist outpatient clinics and elective surgeries. Exceeded number of days of leave taken.
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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>1</p>						