

**INTENSIVE CARE MEDICINE  
FELLOWSHIP ATTACHMENT PROGRAMME IN NTFGH**

Components	Information
<b>1 Division/ Department</b>	Department of Intensive Care Medicine
<b>2 Title of Programme</b>	Intensive Care Fellowship
<b>3 Relevant Registrations</b>	<ul style="list-style-type: none"> <li>• Temporary Registration with Singapore Medical Council (SMC)</li> <li>• Training employment pass application with Ministry of Manpower, Singapore (MOM) (upon successful Temporary Registration with Singapore Medical Council)</li> </ul>
<b>4 Overview</b>	JurongHealth Campus Intensive Care Program aims to provide following to the successful applicants
4.1 Goal/ aim(s)	<ul style="list-style-type: none"> <li>• Exposure to the excellent Intensive Care practice and training in Singapore</li> <li>• Upgrade medical skill</li> <li>• Network with doctors in Singapore and the region</li> </ul>
4.3 Duration	12 months in Department of Intensive Care Medicine, JurongHealth Campus with no rotation to other departments/hospital.
<b>5 Target Audience</b>	<b>DESIRABLE CRITERIA</b>
5.1 Pre-requisite /eligibility requirement(s)	<ul style="list-style-type: none"> <li>• Completion of formal training courses relevant to Intensive Care</li> <li>• MRCP or equivalent</li> <li>• Evidence of commitment to a career in Intensive Care</li> <li>• Evidence of publications in peer-reviewed journals</li> <li>• Teaching / educational experience</li> <li>• Provide evidence of satisfactory progression through career. Acceptable evidence would be documentation of passing any required postgraduate exam, a logbook or training portfolio (if applicable), evidence of clinical governance activity, appraisal documentation. Evidence should cover Intensive Care Medicine / Medicine and other specialties. Any evidence should be validated by the overseas referees.</li> </ul>
<b>6 Learning Objectives</b>	JurongHealth Campus Intensive Care Program aims to provide following to the successful applicants <ul style="list-style-type: none"> <li>• Exposure to the excellent Intensive Care practice and training in Singapore</li> <li>• Upgrade medical skill</li> <li>• Network with doctors in Singapore and the region</li> </ul>

<p>7 <b>Course/Training Syllabus</b></p>	<p><b>(I) Clinical Expertise</b>  Basic Sciences  • Principles of General Pharmacology, Procedural Anatomy, Applied Physiology and System Based Pharmacology, Evidence Based Medicine  • Principles of Measurement, Clinical Monitoring, Investigations and Interpretation of Data  Principle of Intensive Care  • The Approach to Acute Illness  • Principles of Management of System(s) Failure  • Disease Processes – Medical and Surgical Conditions  • Therapy  • Technical Skill  • Supportive Care of the Critically Ill patient  • Care of deteriorating patients outside the ICU – Code Blue team, Medical Emergency Team response, Outreach  • End-of-life Care  • Organ Donation</p> <p><b>(II) Non-Clinical Expertise</b>  Communication  • Effective communication with patients and families  • Professional communication, presentation skills, handover  Quality Assurance</p> <p><b>(III) Clinical Training</b>  ICU is 24 hours Intensivist led service. Night duty is expected.</p>
<p>8 <b>Training Method</b></p>	<p><b>(I) The teaching and learning will be:</b>  • Self-learning via personal study  • Experiential learning in workplace  • Facilitated tutorials  • ICM teaching</p> <p><b>(II) This teaching will be supplemented with following learning opportunities:</b>  • General courses (eg. BASIC, JurongHealth Campus Intensive Care Essentials (ICE) courses, FCCS)  • Specialized courses @ JurongHealth Campus (eg. Advanced Ventilation, Airway Management Courses, Central Line Insertion)  • External and Internal Expert lectures  • Low fidelity simulation in workplace @ ICU  • High fidelity simulation @ Simulation lab, JurongHealth Campus  • Access to online resources (e.g. <a href="http://www.uptodateonline.com">www.uptodateonline.com</a>)  • Opportunity to participate in Dept Adults, Quality Initiatives</p> <p><b>(III) Needs Identification</b>  • Self-reported Questionnaire at the beginning of program and throughout the year to identify needs &amp; expectations  • Regular evaluation / assessment meeting with mentor / supervisor</p>

<p><b>9 Assessment and</b>  9.1 Evaluation  Assessment approaches</p>	<p>Assessment is an integral part of the continuous process of development, both formative and summative. <b>The basis of assessment during fellowship program will be:</b></p> <ul style="list-style-type: none"> <li>• Subjective Workplace Based Assessment (WBA) by ICM consultants</li> <li>• Competency assessment using task trainers, low fidelity and high fidelity simulation by ICM consultants</li> <li>• Consultant / Peer group (Nursing, Allied health) assessment</li> <li>• Pre and post-tests within courses (eg. BASIC)</li> <li>• Logbooks of procedures and cases</li> <li>• Participants are encouraged to apply for external examinations as part of summative assessment (e.g. EDIC – European Diploma in Intensive Care)</li> <li>• Pre and post-tests with online learning packages</li> </ul> <p><b>Regular feedback will be provided as follows:</b></p> <ul style="list-style-type: none"> <li>• During routine clinical work</li> <li>• During various assessments (as above)</li> <li>• During timed evaluation</li> </ul>
<p>9.2 Evaluation Process  9.2.1 General overall grading system</p>	<p>Evaluation of successful applicants: At the end of 3 months, at the end of 6 months and then every 6 monthly intervals by supervisor.</p>
<p>9.3 Criteria for Early Termination</p>	<p>Unsatisfactory performance, disciplinary case etc. or as deemed necessary by the Head of Department, Program Director or other specialists</p>
<p><b>11 Number of Clinical Fellow to be accepted at any one time</b></p>	<p>Maximum of 3 Clinical Fellows</p>