

<b>Module Title</b>	<b>Non Clinical Surgical Practice</b> <span style="float: right;">August 16, 2006</span>
<b>Module Rationale and Competencies</b>	<p>In contemporary practice surgeons need to be well versed in the important aspects of non clinical surgical practice</p> <p>The Graduating Trainee will be able to:</p> <ul style="list-style-type: none"> <li>▪ Appreciate and act according to ethical standards within cardiothoracic surgery</li> <li>▪ Communicate honestly and openly with patients, family and other health care providers</li> <li>▪ Effectively use resources to balance patient care and systemic demands in a setting of limited and finite system resources</li> <li>▪ Promote health maintenance of patients</li> <li>▪ Critically appraise new trends in cardiothoracic surgery</li> <li>▪ Understand clinical databases and outcome analysis</li> <li>▪ Understand concepts of practice management</li> <li>▪ Understand medico-legal factors, including risk management, record keeping and expert witness testimony</li> <li>▪ Understand the importance of clinical and non-clinical personal development</li> <li>▪ Design, conduct and analysis cardiothoracic research</li> </ul>
<b>Essential Reading</b>	
<b>Recommended Reading</b>	
<b>References</b>	<p><a href="http://www.ctsnet.org/">http://www.ctsnet.org/</a>  <a href="http://www.ctsnet.org/residents/ctsn/">http://www.ctsnet.org/residents/ctsn/</a></p>
<b>Learning Opportunities and Methods</b>	<p>Clinical-Ward teaching</p> <ul style="list-style-type: none"> <li>- supervised ward rounds with consultant surgeon</li> <li>- multidisciplinary meetings within each unit</li> <li>- clinical audit meetings within each unit</li> <li>- structured teaching program within each unit including trainee presentations and journal club</li> </ul> <p>Clinical-Operating room teaching</p> <ul style="list-style-type: none"> <li>- structured program for progression and assessment of surgical skills</li> <li>- assistance with and observation of methods and techniques used for complicated surgery</li> </ul> <p>RACS courses</p> <p>Online access to current journals within each unit</p> <p>Access to unit database for research purposes</p>

<b>Learning Opportunities and Methods</b>	<p>Clinical-Ward teaching</p> <ul style="list-style-type: none"> <li>- supervised ward rounds with consultant surgeon</li> <li>- multidisciplinary meetings within each unit</li> <li>- clinical audit meetings within each unit</li> <li>- structured teaching program within each unit including trainee presentations and journal club</li> </ul> <p>Clinical-Operating room teaching</p> <ul style="list-style-type: none"> <li>- structured program for progression and assessment of surgical skills</li> <li>- assistance with and observation of methods and techniques used for complicated surgery</li> </ul> <p>RACS courses</p> <p>Online access to current journals within each unit</p> <p>Access to unit database for research purposes</p>
---	--

Level One	Level Two	Level Three	Level Four
<ul style="list-style-type: none"> <li>• Collect and verify database information</li> <li>• Present unit audit</li> <li>• Display high ethical standards in the performance of daily duties</li> <li>• Practice medical record keeping in accordance with the highest standard</li> <li>• Understand scientific method</li> <li>• Perform critical analysis</li> </ul>	<ul style="list-style-type: none"> <li>• Select medically appropriate investigative tools to carry out clinical investigations and monitoring techniques in a cost-effective, ethical and effective manner</li> <li>• Understand comparative analysis and balance cost and clinical outcome</li> </ul>	<ul style="list-style-type: none"> <li>• Communicate information about procedures and risks in relation to disorders patients (and/or their family) in ways that encourage their participation in informed decision making and on-going management</li> <li>• Deal appropriately with issues of death and dying with patients and family</li> </ul>	<ul style="list-style-type: none"> <li>• Demonstrate an extensive knowledge and practical implementation of risk management</li> <li>• Demonstrate ethical behaviour in relation to the medical industry</li> <li>• Complete a RACS approved medico-legal education program</li> <li>• Conduct scientific or clinical research</li> </ul>