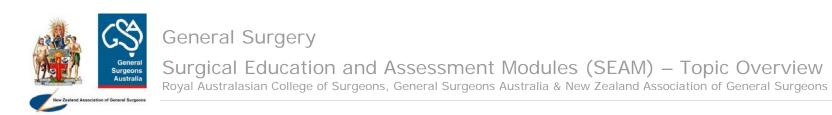


MODULE TITLE:	THE OPERATING THEATRE	Authors: Joanne Dale, Simon Bann, Ian Rebello, Sayed Hassen, Richard Turner, Chris Pyke, Steve Rodgers-Wilson
Rationale	This module has been designed to introduce you to the theatre environment.  As a general surgeon you must understand theatre protocols and observe and employ standards of behaviour in yourself and others in the team.  Educational material provided within this module is not intended to be complete, and is not a textbook. The module forms the framework on which to build your knowledge and expertise in patient safety and competence in your overall performance in the operating theatre.  You are expected to undertake further reading in order to complete the module successfully.	
Objectives	The objectives of the module are to:  Introduce you to details of operating theatre management protocols and the basic science principles upon which these are based  Understand the role of all members of the theatre team including non-technical skills  Understand and apply the principles of safety, for staff and patient  Understand theatre design  Understand the principles of specimen handling and management of formalin spills  Introduce you to surgical tools and techniques  Introduce you to non-technical skills in safe surgery	
Topics and keywords	<ul> <li>Patient Safety - positioning, risks, nerve injured</li> <li>Specimen Handling - specimen handling, form</li> <li>Theatre Team - teamwork, surgical assisting</li> <li>Theatre Design - design, standard theatre, respectively.</li> </ul>	nalin spills
Recommended Reading	<ul> <li>Skinner, I, Perry, R. Fundamental Skills for Surgery. McGraw-Hill Medical: Melbourne, 2008</li> <li>A Surgical Safety Checklist for Australia and New Zealand (Editorial). Gough, I. ANZJS, 2010; 80:1-2</li> <li>World Health Organisation (WHO) (2009). WHO Surgical Safety Checklist. <a href="http://www.who.int/patientsafety/safesurgery/checklist/en/">http://www.who.int/patientsafety/safesurgery/checklist/en/</a></li> <li>Queensland Department of Health (2014). Guideline for the management of occupational exposure to blood and body fluids. <a href="https://www.health.qld.gov.au/qhpolicy/docs/gdl/qh-gdl-321-8.pdf">www.health.qld.gov.au/qhpolicy/docs/gdl/qh-gdl-321-8.pdf</a></li> <li>Di Palma, C. (2004). Power at Work. J of Med Humanities, 25(4): 291-308.</li> </ul>	
Courses		Course, which complements much of the material in this module. The RACS ASSET Course is a mandatory requirement of the Surgical Education & Training (SET) Program in General Surgery.
How this module will be assessed	The Operating Theatre will be assessed through twenty The questions may cover areas of the Operating Theatr	(20) Multi-choice Questions. e outside of the Topics and Keywords listed above. Trainees are expected to undertake further learning to cover the broad spectrum of The Operating Theatre.



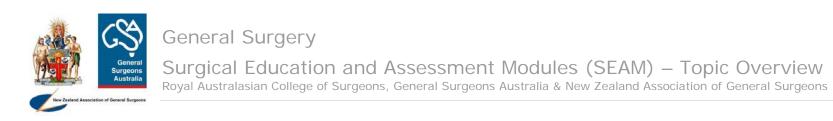
MODULE TITLE:	HAEMATOLOGY	thors: Sayed Hassen, Chris Pyke, Steve Rodgers-Wilson, Alan Saunder, Richard Turner
Rationale	This module has been designed to introduce you to the topics of blood cell disorders, disorders of haemostasis, and principles of transfusion.  The practising surgeon needs an adequate knowledge of the various components of blood and their function, in health as well as in disease.  The module is not a text book of haematology. You are expected to undertake further reading in order to complete the module successfully.	
Objectives	The objectives of the module are to:  Understand disorders of blood cells  Understand disorders of haemostasis  Understand principles of transfusion	
Topics and keywords	Below is a list of topics and associated keywords covered in the eLearning module. Trainees are expected to undertake further learning to cover the broad spectrum of Haematology.  Disorders of blood cells – anaemia, polycythaemia, leucocytosis, leucopaenia, thrombocytosis, thrombocytopaenia, platelet, infections, neutrophilia  Disorders of haemostasis – DVT, patterns of bleeding, warfarin, clopidogrel, heparin, oral anticoagulants, fibrinolytic agents  Principles of transfusion – massive blood transfusion, haemoglobin, risk, assessing blood loss, parameters, haemorrhage control	
Recommended Reading	<ul> <li>Robbins, SL., Cotran, RS., (Eds). Robbins and Cotran pathologic basis of disease. 8<sup>th</sup> edition. Elsevier Saunders</li> <li>The Australia &amp; New Zealand Working Party on the Management and Prevention of Venous Thromboembolism (</li> <li>Australian Red Cross Blood Service. Patient Blood Management Guidelines</li> <li>National Blood Authority Australia. Patient Blood Management Guidelines: Module 1: Critical Bleeding/Massive</li> </ul>	VTE). Best Practice Guidelines for Australia & New Zealand, 4th edition
Courses	N/A	
How this module will be assessed	Haematology will be assessed through twenty (20) Multi-choice Questions.  The questions may cover areas of Haematology outside of the Topics and Keywords listed above. Trainees are expected to undertake further learning to cover the broad spectrum of Haematology.	



MODULE TITLE:	ANATOMY	Authors: Sayed Hassen, Norman Eizenberg, Peter Cosman, Alan Saunder, Richard Turner, Fiona Reid, Luigi Sposato
Rationale	The module is clinically orientated and requires supplementation from anatomical textbooks and atlases.	
	This module is not intended as a textbook of an	atomy but merely as a guide to the relevant areas of anatomy that are of interest to General Surgery.
		ined in the "early" SET Program in General Surgery curriculum:
	<ul> <li>Clinically based scenarios are used to</li> </ul>	
Objectives		re included to assist with your learning
		f further, in-depth reading in gross anatomy
	<ul> <li>The module includes anatomical varia</li> </ul>	
		s covered in the eLearning module. Trainees are expected to undertake further learning to cover the broad spectrum of Anatomy.
		roid, strap muscles, arterial supply, recurrent laryngeal nerve
	Submandibular gland - submandibula	
	Parotid gland - parotid gland, cranial  The triangles of the models cartesians.	
	The triangles of the neck - anterior at	
	<ul> <li>Surgical airway - airway, tracheoston</li> <li>Abdominal wall - incisional bernia, receiving</li> </ul>	tus muscle, umbilical hernia, falciform ligament
	<ul> <li>Inguinal canal - inguinal hernia, ingui</li> </ul>	
	Femoral canal - femoral canal, media	
		gy, blood supply, lymphatics, lymphatic drainage, undescended testes
	<ul> <li>Female breast - breast, lymphatic drainage, blood supply</li> <li>Axilla - axilla, pectoralis minor, nerves</li> </ul>	
		ply, lymphatics, dysphagia, thoracic duct
		renous drainage, lymphatics, lesser sac, vagus nerves
		s - lymph nodes, lymphatic drainage, cisterna chyli, thoracic duct
Topics and keywords	<ul> <li>Liver - liver, segments, epiploic foran</li> </ul>	nen, common hepatic artery
	<ul> <li>Gallbladder &amp; bile ducts - laparoscopi</li> </ul>	c cholecystectomy, cystic duct, variations
	<ul> <li>Duodenum - duodenum, arterial supp</li> </ul>	ly, ampulla, lymphatics
	<ul> <li>Small bowel - superior mesenteric art</li> </ul>	ery, blood supply, lymphatics, small bowel mesentery
	<ul> <li>Pancreas - pancreas, splenic artery, b</li> </ul>	lood supply, lymphatics, common bile duct, uncinate process
	<ul> <li>Spleen - splenectomy, blood supply,</li> </ul>	
		ireter, ureteric injury, gonadal vessels
	<ul> <li>Retroperitoneum - abdominal aorta, I</li> </ul>	
	<ul> <li>Anal canal - anal canal, anal fissure,</li> </ul>	
		rterial anatomy, blood supply, nerve supply, lymphatics, greater omentum, rectum, mesorectum
	The appendix - appendix, appendiced  Polytic well floor & coulty making floor	
		r, levator ani, broad ligament, round ligament
	Femoral triangle & contents - femoral     Arteries, veins and perves of the upper	er & lower limbs - ischaemia, femoral artery, peripheral pulses, carpal tunnel, median nerve
		y, neurovascular bundle, intercostal catheter
	_	ragm, nerve supply, para-oesophageal hernia, vagal trunks
	<ul> <li>Anatomedia online (in progress). McGi</li> <li>Agur AM Dalley AF Grant's Atlas of</li> </ul>	aw Hill Education, 2014. Anatomy. Lippincott Williams & Wilkins, 13th edition: Philadelphia, 2012.
Recommended Reading		Anatomy. Lippincott Williams & Wilkins, 13th edition: Philadelphia, 2012. I Applied. Sinnatamby, CS. (Ed). Churchill Livingstone, 11th edition: Edinburgh, 2006.
Recommended Reading		Saunders/Elsevier 5th edition: Philadelphia, 2011.
		II, E. Color Atlas of Anatomy: A Photographic Study of the Human Body. Lippincott Williams & Wilkins, 5th edition: Baltimore, 2002.
Courses	N/A	,
		Authorities Occapitation
How this module will be		
assessed	The questions may cover areas of Anatomy outs	ide of the Topics and Keywords listed above. Trainees are expected to undertake further learning to cover the broad spectrum of Anatomy.



MODULE TITLE:	ACUTE ABDOMEN	Authors: Sayed Hassen, Meron Pitcher, Michael Donovan, Joanne Dale, Alan Saunder, Ian Rebello, Steve Rodgers-Wilsor
Rationale	This module has been designed to introduce you to the fundamental aspects and diagnosis of acute abdomen.  Assessing, diagnosing and managing the acute abdomen are integral and essential aspects of general surgical training.  The general surgeon must have a very good grasp of the nuances of various pathological processes affecting the various abdominal organs.  The aim of this module is to familiarise you with those pathological process and provide you with a "road map" that will help you throughout your professional career as a general surgeon.	
Objectives	The objectives of the module are to:  Understand the pathophysiological processes of abdominal pain Recognise patterns in the presentation of an acute abdomen List the relevant causes of abdominal pain and their clinical features Understand visceral pain and its distribution Understand the causes of diaphragmatic irritation Recognise peritonitis as a cause of parietal pain Prioritise the resuscitation and subsequent management principles of the acute abdomen List relevant investigations in the management of acute abdomen Understand inflammatory processes and the various pathways by which they can occur, e.g. bacterial, chemical etc.	
Topics and keywords	Below is a list of topics and associated keywords covered in the eLearning module. Trainees are expected to undertake further learning to cover the broad spectrum of Acute Abdomen.  An analysis of abdominal pain - visceral pain, parietal pain, omentum, mesentery  Pathophysiological processes and pattern recognition - luminal organs, solid organs, inflammation, obstruction, ischaemia, distension  Investigations and treatment - management, history, examination, diagnosis	
Recommended Reading	<ul> <li>Bailey, H. Hamilton Bailey's emergency surgery. Dudley, HAF. (Ed). 11th edition. Wright: Bristol, 1986.</li> <li>Bailey, H., Love, RJM. Bailey and Love's short practice of surgery. Russell, RCG., Williams, NS., Bulstrode, CJK. (Eds). 24th edition. Arnold: London, 2004.</li> <li>Cox, M. R. Acute Abdominal Pain, in Clinical Gastroenterology. Talley, N. J. (Ed). 3rd edition: Elsevier Australia, 2011.</li> <li>Kumar, V., Abbas, AK., Fausto, N., Robbins, SL., Cotran, RS., (Eds). Robbins and Cotran pathologic basis of disease. 7th edition. Elsevier Saunders: Philadelphia, c2005.</li> <li>Last, RJ. Last's Anatomy: Regional and Applied. Sinnatamby, CS. (Ed). Churchill Livingstone, 11th edition: Edinburgh, 2006.</li> </ul>	
Courses	N/A	
How this module will be assessed	The Acute Abdomen will be assessed through twenty (20) Multi-choice Questions.  The questions may cover areas of the Acute Abdomen outside of the Topics and Keywords listed above. Trainees are expected to undertake further learning to cover the broad spectrum of Acute Abdomen.	



MODULE TITLE:	NUTRITION	Authors: Peter Cosman, Sayed Hassen, Christopher Pyke, Steve Rodgers-Wilson, Richard Turner
Rationale	This module has been designed to introduce you to nutrition and the principles that underpin the delivery of nutritional care to surgical patients.  Educational material provided within this module is not intended to be complete, and is not a textbook. The module forms the framework on which to build your knowledge and expertise in nutrition.  You are expected to undertake further reading in order to complete the module successfully.	
Objectives	The objectives of the module are to:  Understand nutrition as it relates to health and disease states relevant to surgery  Understand the principles of nutritional assessment  Understand the role of nutritional support in different clinical situations  Understand specific nutritional issues related to obesity	
Topics and keywords	Below is a list of topics and associated keywords covered in the eLearning module. Trainees are expected and metabolism - carbohydrates, proteins, fats, vitamins, minerals  Deficiencies and starvation - deficiencies, disease  Assessing nutritional status of patients - Body Mass Index, malnutrition, MST, SGA  Disease states - pancreatitis, malabsorption, diabetes, hyperglycaemia, malignancy  Nutritional requirements of the patient - nutritional support, feeding, nutritional status  Access for feeding - enteral, parenteral, access, jejunal, PEG  Nutritional products - formula, guidelines, re-feeding syndrome, dumping syndrome  Obesity - BMI, WHO, factors, mortality, non-surgical, surgical, complications	
Recommended Reading	<ul> <li>Dieticians Association of Australia (DAA) (2011). Parenteral nutrition manual for adults in</li> <li>Dieticians Association of Australia (DAA) Malnutrition Guideline Steering Committee (2009 Dietetics: Volume 66 Supplement 3</li> <li>National Health and Medical Research Council (NHMRC) (2013). Clinical Practice Guideline <a href="http://www.nhmrc.gov.au/guidelines/publications/n57">http://www.nhmrc.gov.au/guidelines/publications/n57</a></li> <li>The European Society for Clinical Nutrition and Metabolism: ESPEN Guidelines. <a href="http://www.nhmrc.gov.au/guidelines/publications/n57">http://www.nhmrc.gov.au/guidelines/publications/n57</a></li> <li>The European Society for Clinical Nutrition and Metabolism: ESPEN Guidelines. <a href="http://www.nhmrc.gov.au/guidelines/publications/n57">http://www.nhmrc.gov.au/guidelines/publications/n57</a></li> <li>The European Society for Clinical Nutrition and Metabolism: ESPEN Guidelines. <a href="http://www.nhmrc.gov.au/guidelines/publications/n57">http://www.nhmrc.gov.au/guidelines/publications/n57</a></li> <li>The European Society for Clinical Nutrition and Metabolism: ESPEN Guidelines. <a href="http://www.nhmrc.gov.au/guidelines/publications/n57">http://www.nhmrc.gov.au/guidelines/publications/n57</a></li> <li>The European Society for Clinical Nutrition and Metabolism: ESPEN Guidelines. <a href="http://www.nhmrc.gov.au/guidelines/publications/n57">http://www.nhmrc.gov.au/guidelines/publications/n57</a></li> <li>National Institute for Clinical Excellence (NICE) (2006). Nutrition Support for Adults, Oral Nightingale, J., and Woodward, J.M. on behalf of the Small Bowel and Nutrition Committee</li> </ul>	Nutrition Support, Enteral Tube, Feeding, and Parenteral Nutrition: Methods, Evidence, and Guidance. <a href="http://www.nice.org.uk/guidance/cg32">http://www.nice.org.uk/guidance/cg32</a> e of the British Society of Gastroenterology (2007). Guidelines for management of patients with a short bowel. Gut 2006; 55 (SupplIV): iv1-iv12 ry, Third Edition (eds J. J. Tjandra, G. J.A. Clunie, A. H. Kaye and J. A. Smith), Blackwell Publishing Ltd, Oxford, UK. hospital patients. <a href="http://gut.bmj.com/content/52/suppl_7/vii1.full.pdf+html/www.health.qld.gov.au/nutrition/resources/hphe_sga.pdf">http://gut.bmj.com/content/52/suppl_7/vii1.full.pdf+html/www.health.qld.gov.au/nutrition/resources/hphe_sga.pdf</a>
Courses	N/A	
How this module will be assessed	The Nutrition module will be assessed through twenty (20) Multi-choice Questions.  The questions may cover areas of Nutrition outside of the Topics and Keywords listed above. Trainees are expected to undertake further learning to cover the broad spectrum of Nutrition.	



Rationale

**Objectives** 

Topics and keywords

MODULE TITLE:	PERI-OPERATIVE CARE	Authors: Joanne Dale, Sayed Hassen, Christopher Pyke, Steve Rodgers-Wilson, Alan Saunder, Richard Turner

This module has been designed to introduce you to the Peri-operative care of the patient. As a General Surgeon you must understand theatre protocols and observe and employ standards of behaviour in yourself and others in the team.

Educational material provided within this module is not intended to be complete, and this is not a textbook. The module forms the framework on which to build your knowledge and expertise to facilitate patient safety during surgery along with a safe work practices for all surgical team members.

You are expected to undertake further reading in order to complete the module successfully

The objectives of the module are to:

- Understand the principles of aseptic technique and infection control
- Understand the ergonomic and safety principles of operating equipment and theatre design
- Understand the needs and requirements of the anaesthetist, and basic anaesthesia practices
- Understand the role of 'check-lists', documentation and clinical handover in patient safety
- Understand fluid balance in normal physiology as well as in pathological states

Below is a list of topics and associated keywords covered in the eLearning module. Trainees are expected to undertake further learning to cover the broad spectrum of Peri-operative Care.

- Infection Control hand hygiene, decontamination, cleaning, sterilisation, aseptic technique, draping, skin preparation
- Occupational Safety surgical hazards, prevention strategies, needlestick injury, bodily fluids exposure, personal protective equipment, smoke safety, radiation safety, cytotoxics
- Documentation operating reports, informed consent, capacity, surgical safety checklists
- Anaesthesia risks, ASA classification, triad of anaesthesia, adrenaline, toxicity
- Fluid Balance (Electrolyte Disorders) normal physiology, pathological states, gastrointestinal secretions, replacement fluid
- Skinner, I, Perry, R. Fundamental Skills for Surgery. McGraw-Hill Medical: Melbourne, 2008. [Chapter 4].
- Anderson, DJ. Surgical Site Infections. Infect Dis Clin N Am. 2011; 25: 135-153 <a href="http://cs6vv2ph4u.search.serialssolutions.com/?V=1.0&sid=PubMed:LinkOut&pmid=21315998">http://cs6vv2ph4u.search.serialssolutions.com/?V=1.0&sid=PubMed:LinkOut&pmid=21315998</a>
- Hebert C, Weber, SG. Common Approaches to the Control of Multidrug-resistant Organisms Other Than Methicillin-resistant Staphylococcus aureus (MRSA). Infect Dis Clin N Am. 2011; 25: 181-200 http://cs6vv2ph4u.search.serialssolutions.com/?V=1.0&sid=PubMed:LinkOut&pmid=21316000
- Australian Radiation Protection and Nuclear Safety Agency (2008). Safety Guide: Radiation Protection in Diagnostic and Interventional Radiology. http://www.arpansa.gov.au/pubs/rps/rps14\_1.pdf
- New Zealand Ministry of Health. Codes of Safe Practice for Radiation Use. http://www.health.govt.nz/our-work/radiation-safety/users-radiation/codes-safe-practice-radiation-use
- National Health and Medical Research Council (NHMRC) (2010). Australian Guidelines for the Prevention and Control of Infection in Healthcare. http://www.nhmrc.gov.au/guidelines-publications/cd33
- Coventry, B.J., et al. Ensuring Radiation Safety to Staff in Lymphatic Tracing and Sentinel Lymph Node Biopsy Surgery Some Recommendations. J Nucl Med Radiat Ther. S:2, 2012. http://omicsonline.org/ensuring-radiation-safety-to-staff-in-lymphatic-tracing-and-sentinel-lymph-node-biopsy-surgery-some-recommendations-2155-9619.S2-008.pdf
- Centers for Disease Control and Prevention Guidelines and Recommendations http://www.cdc.gov/HAI/prevent/prevent\_pubs.html
- Skinner, I, Perry, R. Fundamental Skills for Surgery. McGraw-Hill Medical: Melbourne, 2008. [Chapters 1 & 3].
- Royal Australasian College of Surgeons (RACS) (2014). Informed Consent Position Paper. http://www.surgeons.org/media/312206/2014-08-29\_pos\_fes-pst-042\_informed\_consent.pdf
- Medical Council of New Zealand (2012). Information, choice of treatment and informed consent. https://www.mcnz.org.nz/assets/News-and-Publications/Statements/Information-choice-of-treatment-and-informed-consent.pdf
- World Health Organisation (WHO), World Alliance for Patient Safety (2008). Implementation Manual Surgical Safety Checklist (First Edition): Safe Surgery Saves Lives http://www.surgeons.org/media/19461/WHO\_Surgical\_Safety\_Checklist\_Implementation\_Manual.pdf
- Treadwell JR, Lucas S, Tsou AY. Surgical checklists: a systematic review of impacts and implementation. BMJ Quality & Safety 2014; 23(4): 299-318 http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3963558/
- Kwok AC, et al. Implementation of the World Health Organization surgical safety checklist, including introduction of pulse oximetry, in a resource-limited setting. Ann Surg. 2013 Apr; 257(4):633-9. http://cs6vv2ph4u.search.serialssolutions.com/?V=1.0&sid=PubMed:LinkOut&pmid=23207242
- Australian Commission on Safety and Quality in Health Care. Ensuring Correct Patient, Correct Site, Correct Procedure Protocol for Surgery: Review of implementation and proposals for action. http://www.safetyandquality.gov.au/wp-content/uploads/2012/02/19793-ReviewCPCSCP.pdf
- Health Quality & Safety Commission. Cost benefit analysis of the surgical safety checklist. http://www.srgexpert.com/Surgical%20safety%20checklist%20-%20CBA%20report%2018%20June%202012.pdf
- Rogers v Whitaker and Chappel v Hart, Patient Education Briefings with comment and analysis by Dr Paul Nisselle http://www.mitec.com.au/briefing
- Barrett, K.E., Barman, S.M., Boitana, S. Brooks, H.L. (Eds). Ganong's Review of Medical Physiology, 24th Edition. McGraw-Hill Medical: 2012. [Chapter 38: Regulation of Extracellular Fluid Composition & Volume]. http://accessmedicine.mhmedical.com/book.aspx?bookid=393

Courses

How this module will be

assessed

**Recommended Reading** 

N/A

The Peri-operative Care module will be assessed through twenty (20) Multi-choice Questions.

The questions may cover areas of Peri-operative Care outside of the Topics and Keywords listed above. Trainees are expected to undertake further learning to cover the broad spectrum of Peri-operative Care.



MODULE TITLE:	CRITICAL CARE AND TRAUMA	Authors: Ros Pochin, Alf Deacon, Li Hsee, Kate Martin, James Moore	
Rationale	This module has been designed to introduce you to trauma and critical care management protocols and the basic scient This module will take you through the important aspects and key points. It is not an exhaustive review but highlights to Please note:  The module is relevant to early years in surgical training  This module is not a text book - further reading is required and key reference articles are cited throughout to The topics are applicable to the care of all of your general surgical patients  You are expected to undertake further reading in order to complete the module successfully.	he key themes with which you need be familiar.	
Objectives	The objectives of the module are to:  Understand the pathophysiology of shock and its management in trauma patients  Recognise injury patterns  Recognise when patients should be transferred to another specialist centre  Understand the principles of immediate trauma management  Understand the principles of definitive trauma care  Understand the key presentations in the critically ill surgical patient  Recognise organ dysfunction in the ICU patient		
Topics and keywords	<ul> <li>Below is a list of topics and associated keywords covered in the eLearning module. Trainees are expected to undertake Pathophysiology of Trauma - hypovolemic, obstructive, distributive, cardiogenic, fluid resuscitation</li> <li>Resuscitation - volume resuscitation, massive transfusion, damage control resuscitation, burns, head trauma Basic Trauma Management and Resuscitation Principles - primary survey, airway control, breathing and ven injury, spine, burns and thermal injury, definitive care</li> <li>Critical Care - surgical disease in the ICU, SIRS, sepsis, acute pancreatitis, intra-abdominal hypertension, training of the ICU Patient - organ failure, respiratory failure, cardiovascular failure, acute kidney</li> </ul>	a, crush injury, fat embolism, imaging tilation, circulation, disability, exposure/environmental control, shock, abdomen and pelvis, trauma laparotomy, traumatic brain aumatic brain injury, GI bleeding	
Recommended Reading	<ul> <li>ATLS: Advanced Trauma Life Support for Doctors (Student Course Manual) 9th edition American College of S Care of the Critically III Patient 3rd Edition, Ian Loftus</li> <li>Manual of Definitive Surgical Trauma Care 3rd Edition, Kenneth D Boffard</li> <li>N Engl J Med ICU Review series: 2013-14 as follows: <ul> <li>369: 669-670, Finfer, S &amp; Vincent, J-L: Critical Care - An All-Encompassing Specialty</li> <li>369: 840-851, Angus, DC &amp; van der Poll, T: Severe Sepsis and Septic Shock</li> <li>369: 1243-1251, Myburgh, JA &amp; Mythen, MG: Resuscitation Fluids</li> <li>369: 1726-1734, Vincent, J-L &amp; Backer, D: Circulatory Shock</li> <li>369: 2126-2136, Slutsky, AS &amp; Ranieri, VM: Ventilator-Induced Lung Injury</li> <li>369: 2525-2534, Bernal, W &amp; Wendon J: Acute Liver Failure</li> <li>370: 444-454, Reade, MC &amp; Finfer, S: Sedation and Delirium in the Intensive Care Unit</li> <li>370: 847-859, Hunt, BJ: Bleeding and Coagulopathies in Critical Care</li> <li>370: 1227-1236, Casaer, MP &amp; Van den Berghe, G: Nutrition in the Acute Phase of Critical Illness</li> <li>370: 1626-1635, Kress, JP &amp; Hall, JB: ICU-Acquired Weakness and Recovery from Critical Illness</li> <li>370: 2121-2130, Stocchetti, N &amp; Maas, AIR: Traumatic Intracranial Hypertension</li> <li>370: 2506-2514, Cook D &amp; Rocker, G: Dying with Dignity in the Intensive Care Unit</li> </ul> </li> <li>Miller, PR et al. Associated injuries in blunt solid organ trauma: Implications for missed injury in non-operation. Neurosurgical Society of Australasia Inc. The Management of Acute Neurotrauma in Rural and Remote Locations.</li> <li>Stocchetti, N &amp; Maas, AIR: Traumatic Intracranial Hypertension. New Engl J Med, 370: 2121-2130.</li> </ul>	re management. <i>J Trauma</i> 2002; 53: 238-244	
Courses	It is strongly recommended that you have successfully completed CCrISP and EMST before embarking on this module		
How this module will be assessed	The Critical Care and Trauma module will be assessed through twenty (20) Multi-choice Questions.  The questions may cover areas of Critical Care and Trauma outside of the Topics and Keywords listed above. Trainees	are expected to undertake further learning to cover the broad spectrum of Critical Care and Trauma.	