GENERIC SURGICAL SCIENCE EXAMINATION AND SET CLINICAL EXAMINATION

RECOMMENDED READING LISTS – Generic

Candidates with questions regarding the Recommended Reading Lists are advised to contact the Department of Examinations. Examinable material is contained in the publications listed below.

Prescribed Textbooks for the Surgical Science Generic Exam

Anatomy

- “*Modern Operative Techniques in Liver Surgery – Chapter 1: Surgical Anatomy of the Liver and Associated Structures*”

Pathology

The Pathology Section Reading List is daunting at first glance but, in reality, is not as imposing as it might seem for the following reasons:

1. The Pathology section includes a number of topics viz. General Pathology, Molecular Pathology, Pharmacology, Infection, Immunology and Statistics
2. The recommended primary textbooks for General Pathology viz. Robbins and Cotran (that includes General Pathology, Infection and Immunology) and Rang and Dale for Pharmacology are undergraduate textbooks so students should be revisiting these sources and topics
3. Many of the recommendations on the list are recent reviews in highly respected journals (available electronically through the College)

In order to help candidates in their preparation, the following may prove helpful:

1. General Pathology and Molecular Pathology are based on the General Pathology Sections of Robbins and Cotran ( Chapters 1–10 of 29; pp 1–486) although it is pertinent to indicate that an understanding of general pathology principles often may be illustrated better in subsequent chapters (e.g. inflammation of the lung (pneumonia) in the chapter The Lung” and infarction in the chapter “The Heart”)
2. In Pharmacology, an emphasis is directed to practical clinical aspects of drug usage focussing on mechanisms of action, half lives of drugs, metabolism, clearance, toxicity and interactions, indications for use of different classes of drugs and important considerations in determining dosage considerations.
3. The questions on statistics are all taken from the manuscript by Guller and De Long (below)

Unfortunately, it is impossible (and not really appropriate) to stipulate particular pages in the text books included as relevant information is interspersed throughout. In addition, questions are formulated to ensure practical clinical relevance achieved through experience, as opposed to textbook theory, particularly that provided in undergraduate texts. Consequently, supplementary texts and manuscripts are very relevant for providing relevant, practical guidance. However, the following may be helpful.
General Pathology

Primary text

Robbins and Cotran Pathologic Basis of Disease, 8th Edition – Kumar, Abbas, AK; Fausto, N., Elsevier Saunders International

Immunology

Primary text

Robbins and Cotran Pathologic Basis of Disease, 8th Edition – Kumar, Abbas, AK; Fausto, N., Elsevier Saunders International

Selected supporting text and resources


Molecular Origins of Cancer: Cancer Immunology (review article)


Online Training: Resource Units (previously known as STEM Units)
- Immunology/Transplant
- Surgical Infections
- General Principles of Pathology/Microbiology
- Cellular and Molecular Biology
- Pharmacology/Pharmacokinetics/Drugs and Therapeutics
- Statistics
- Neoplasia/Oncology/Cancer Genetics

Multiple choice questions www.roitt.com

Infection

Primary text


Selected supporting texts and manuscripts

Prevention of Healthcare Associated Infection in Surgery. This can be accessed at:


Statistics

Primary reference


Pharmacology

Primary texts and manuscripts


Selected supporting texts and manuscripts


*Sedation in Neurointensive Care: Advances in Understanding and Practice* – Citerio G, Cormio M., Curr Opin Crit Care 2003; 9:120–126


*Clinical Pharmacology of Local Anaesthetics* – White JL, Durieux ME. Anesthesiology Clinics of North America, Volume 23, Issue 1, March 2005, Pages 73–84


**Physiology**


**Visual Questions**

A proportion of questions used in each examination will refer to photographs, photomicrographs, radiographs, C.T. scans, etc. These visual questions may include illustrations from:


Colour Atlas of Anatomical Pathology, 2nd Ed., 1995 – Cooke R., Stewart B., Churchill Livingstone (the illustrations from this publication are from the files of the Royal Brisbane Hospital.)

CD–ROM McMinn’s Interactive Clinical Anatomy – Mosby – Williams & Wilkins Pty. Ltd.


**Clinical Examination Reading List**


CCrISP Course Manual 2nd Ed. 2003: Anderson, D.


Bailey and Love’s Short Practice of Surgery 24th Ed

Fundamental Skills for Surgery (RACS)


All prescribed texts for the Surgical Science Examination

Online Training: Resource Units (previously known as STEM Units)

* The recommended reading list for the Clinical Examination is not prescriptive or exhaustive, nor is it guaranteed to cover every possible question. Candidates are expected to demonstrate competency in history taking, examination of all systems, counselling and performing procedures commonly undertaken during SET1.
# ROYAL AUSTRALASIAN COLLEGE OF SURGEONS
## SPECIALTY SPECIFIC SURGICAL SCIENCE EXAMINATIONS

### READING LISTS – specialty specific

Examinable from October 2008

Candidates with questions regarding the Recommended Reading Lists are advised to contact the specialty boards.

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<td>Cardiothoracic Surgery</td>
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<td>Robbins 7th Edition</td>
<td>West, Ganong, Guyton</td>
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<td>17 – Oesophagus only</td>
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<td>General Surgery</td>
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<td>27 – Peripheral Nerve and Skeletal Muscle</td>
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