

Resources for Learning

1. ACCESS SURGERY

Access Surgery: **AccessSurgery™** from McGraw-Hill is an integrated online resource that provides a compendium of textbooks, atlases, videos, and question banks for medical students, surgical residents, and practicing surgeons. This online source will provide you with every textbook reference required to investigate a surgical disease, procedure, complication, or post-operative management and should be referred to during your daily work with your patients.

Clerkship Corner, is designed to provide M3s text resources, case scenarios, and question and answers for your surgery rotation. In the Clerkship Corner, content is organized both by Core Topics as well as by Organ Systems.

How to find ACCESS SURGERY

1. Go to <http://proxy.cc.uic.edu/login?url=http://www.accesssurgery.com/> and enter your UIC ID info

2. Alternatively, you may enter indirectly through UIC library site, search the term ACCESS SURGERY, and access the McGraw Hill Service ACCESS SURGERY.

2. The Virtual Patient

The Virtual Patient is a web based surgery scenario program that can be used both as a learning tool and as a rapid review of cases for the exam. The program is broken into subjects with several case presentations per subject (please see **Appendix 2 in the Student Manual** for a list of cases). Each case begins with a history, lists learning objectives, has a section called images which can provide figures teaching physiology as well as intra-operative images from the operating field, provides well-labeled, color-coded x-ray studies such as ultrasounds, and ends with open ended questions with answers to make certain you fully understand the case and its management. This program is a rapid method to obtain case review practice in a very concentrated fashion. The URL for this utilizes your UIC blue stem identification. The URL is:

<https://tigger.uic.edu/htbin/bluestem/doc.cgi/com/virtualpatient/>

3. Wise MD

Wise MD is another interactive online tool to learn subjects and case presentations using a multi-media approach. Topics are presented in several formats: lecture, via

cartoon, with animation, and with video to provide a series of perspectives on the subject. **Students are required to complete the Trauma Module during this rotation.**

You will need to register via the MedU home page (www.med-u.org). At the top right hand of the screen, there is a link "Register." Click that link and select the option that you are a student registering through a subscribing institution. When prompted, enter your UIC email addresses (Illinois addresses--no other email accounts will be allowed as this is how you are recognized as enrolled medical students at UIC) and other information. Once you hit "submit" an email will provide you with a link that you must click in order to complete your registration.

Once you have registered successfully, you will have access. You can access the cases any time again from the MedU home page, but rather than selecting "Register" from the top right hand, you will select "Login to Cases."

For any additional information, please visit http://www.med-u.org/support/logging_in

4. Recommended Text

CURRENT Diagnosis and Treatment Surgery: Thirteenth Edition (LANGE CURRENT Series)

These are the recommended topics that you should read prior to the corresponding lecture for the week.

Topic Number	Chapter number	Topic
1	Chapter 1	Approach to the Surgical Patient
2	Chapter 2	Training, Communication, Professionalism, and Systems-based Practice
3	Chapter 3	Preoperative Care
4	Chapter 4	Postoperative Care
5	Chapter 5	Postoperative Complications
6	Chapter 6	Wound Healing
7	Chapter 8	Inflammation, Infection, & Antimicrobial Therapy
8	Chapter 9	Fluid & Electrolyte Management
9	Chapter 10	Surgical Metabolism & Nutrition
10	Chapter 11	Anesthesia (optional)
11	Chapter 12	Shock & Acute Pulmonary Failure in Surgical Patients
12	Chapter 13	Management of the Injured Patient

13	Chapter 14	Burns & Other Thermal Injuries
14	Chapter 15	Otolaryngology—Head & Neck Surgery
15	Chapter 16	Thyroid & Parathyroid
16	Chapter 17	Breast Disorders
17	Chapter 18	Thoracic Wall, Pleura, Mediastinum, & Lung
18	Chapter 19.1	The Heart: I. Surgical Treatment
19	Chapter 19.11	The Heart: II. Congenital Heart Disease
20	Chapter 20	Esophagus & Diaphragm
21	Chapter 21	The Acute Abdomen
22	Chapter 22	Peritoneal Cavity
23	Chapter 23	Stomach & Duodenum
24	Chapter 24	Liver & Portal Venous System
25	Chapter 25	Biliary Tract
26	Chapter 26	Pancreas
27	Chapter 27	Spleen
28	Chapter 28	Appendix
29	Chapter 29	Small Intestine
30	Chapter 30	Large Intestine
31	Chapter 31	Anorectum
32	Chapter 32	Hernias & Other Lesions of Abdominal Wall
33	Chapter 33	Adrenals
34	Chapter 34	Arteries
35	Chapter 35	Veins & Lymphatics
36	Chapter 36	Neurosurgery
37	Chapter 38	Urology
38	Chapter 40	Orthopedic Surgery
39	Chapter 42	Hand Surgery
40	Chapter 43	Pediatric Surgery
41	Chapter 44	Oncology
42	Chapter 45	Organ Transplantation

How to use this study schedule

- 1) Purchase the text and rip out chapters required per week. On the Sunday of the start of the week, read only the bold type of each chapter (only headers of each subject). This will reinforce categories for you to put knowledge into. Then carry the chapters around with you in your pocket and make your goal to read the chapter by the end of the day, ie a chapter a day. This action will facilitate your ability to read on the go without having to carry the full text with you. Write in the margins, highlight, do whatever is necessary to read and assimilate the material.
- 2) You are expected to read 7 chapters per week on average; please schedule your time accordingly to complete these chapters weekly. Each chapter is between 15-30 pages long; plan on reading approximately 80-100 pages per week or 14-17 pages per day, 6 days per week. This translates to an hour or less per day of reading which can be accomplished in four 15- minute pockets during the day when you are waiting for a result, waiting for a resident or attending, waiting for feedback, or waiting for your coffee. Carving out four 15-

minute pockets is an important lesson to learn. When you become a practicing physician, you are expected to continue your learning and time becomes more and more scarce as one progresses in one's career. **Getting to know the trick of how to carve out time from seemingly no time at all is an important skill you must master during this rotation.**

- 3) On Fridays or Saturdays after the lecture, please go online and do the practice questions and cases (through the case book or through the Virtual Patient) associated with the chapters read. This combination of reading, listening to lecture, and questions and cases provides four methods of reinforcement of the material. If you adhere to this schedule, all four methods of learning will be completed by the end of the 7th week.
- 4) The 8th week should be comprised of review book of questions and case review to assess knowledge, identifying gaps to address again with case and question review explanations.
- 5) We want you to be the best in the country. Being so takes time and effort. Everyone accepted to medical schools around the country is as smart. **How you set yourselves apart from the rest of the students in the country is how hard you work and how disciplined you can be in adhering to your study schedule.** We hope that you rise to the challenge! Good luck and please email or call with questions or concerns.
Text.

5. CASE FILES

Cases Files from Virtual Patient are recommended and you should supplement with the NMS casebook

6. REVIEW

1. Pre-Test Questions
2. NMS Surgery
3. USMLE World Bank
4. Step-up to Medicine GI and Fluid/Electrolytes