MCG Surgery Resident Core Education Conference

Plan:  A comprehensive conference with review of Basic Science and Clinical Concepts to prepare for ABSITE and American Board of Surgery Exams

Schedule:

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tbody>
<tr>
<td>9:00 am</td>
<td>Written Test (at least 20 or more questions)</td>
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<tr>
<td>9:15 am</td>
<td>Review of Material by Attending of the day  (written hand out to be given to residents and electronic copy placed on group shared computer)</td>
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<tr>
<td>10:00 am</td>
<td>Oral Examination of a senior resident</td>
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<tr>
<td>10:30 am</td>
<td>Skills Lab</td>
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* The proposed schedule may be changed based on topic presented (most likely will give more time to questions/review and less to mock orals in weeks covering the first 15 Schwartz chapters that have more of a Basic Science focus or the first portion of each more organ system based chapter)

Requirements:

1) On time attendance is required unless excused

2) An attending surgeon and resident will be paired for each week’s presentation to be responsible for developing the material for review and conducting the education session. The attending will use the resident to assist in the creation of the written test, written review of material, and sample oral board style questions but the attending surgeon is ultimately responsible.

3) Schwartz’s Principles of Surgery will be used as primary source for review and is available online in our library. However, this is should be used only as a start for your review. Please supplement as necessary.

4) Test Grades and Attendance will be tracked and used as a portion of your evaluation. (A mean written test grade more than 10% below the mean for your class level and
over a 10% unexcused absence rate will be triggers for Program Director notification/review)

**Format of Written Review of Material:**

**Overview:**

**Epidemiology:**

**Etiology:**

**Pathology:**

**Presentation (Signs and Symptoms):**

**Diagnostic Tests:**

**Diagnostic Imaging:**

**Differential Diagnosis:**

**Medical Management:**

**Surgical Management:**

  - **Pre-op management:**
    - **Indications:**
    - **Contraindications:**
    - **Surgical Options/Procedures:**
      - Pertinent steps of each Procedure

**Post-operative Management:**

  - **Potential Complications:**

**Images:**

**References:**

**Oral Sample Questions with Answers**
Format for Basic Science Subjects will be at the discretion of presenting faculty

**Format of Sample Oral Board Style Question:**

**Question:** State the main question short and to the point- patient presents with this main complaint (usually gives a small amount of important background information and sets up the question)

**History/ROS:** Include the brief but essential questions this subject should prompt from the examinee to safely get through the question (HPI, PMH, PSH, All, Meds, Social history, Family history, and ROS)

**Physical Exam:** Every patient should get a physical exam but some may need certain points emphasized

**Work-up:** Laboratory and radiology tests needed to appropriately diagnose the problem

**Treatment:** Appropriate treatment (medical or surgical) for this patient and rationale/indications for each.

**Complications:** Include all of the complications likely associated with treatment and give the appropriate treatment of those

**Please Consider:**

1) Include enough questions to reasonably cover the most obviously anticipated subjects on the exam
2) Go beyond specific questions to cover foreseeable directions the examiner might take the question
3) Stay relatively conservative and be honest when the question can be answered in several ways - the point is to give the reader a safe approach and sometimes there are several.
2014-2015 Core Education Conference Schedule:

July
7  Chapter 16: The Skin and Subcutaneous Tissue (Merchen)

14  Chapter 36: Soft Tissue Sarcomas (Merchen)

21  No Conference: due to Central Line Bundle training

28  Chapter 2: Systemic Response to Injury and Metabolic Support (through Surgical Metabolism) (Merchen/Pham)

Aug
4  Chapter 2: Systemic Response to Injury and Metabolic Support (starting at Nutrition in the Surgical Patient) (Holsten/Bateson)

11  Chapter 3: Fluid and Electrolyte Management of the Surgical Patient (O’Malley/Talukder)

18  Chapter 17: The Breast (through Risk Factors for Breast Cancer) (Zuiddin/Hoffman)

25  Chapter 17: The Breast (from Epidemiology and Natural History of Breast Cancer through Breast Cancer Staging and Biomarkers) (Draper/Vinyard)

Sept
1  No Conference: due to Labor Day

8  Chapter 17: The Breast (from Overview of Breast Cancer Therapy through Surgical Techniques in Breast Cancer Therapy) (Zuiddin/D Keyser)

15  Chapter 17: The Breast (from Nonsurgical Breast Cancer Therapies through Special Clinical Situations) (Draper/Oh)

22  Chapter 34: Spleen (Abuzeid/Grigsby)

29  Chapter 35: Abdominal Wall, Omentum, Mesentery, and Retroperitoneum (Ferdinand/Lassiter)

Oct
6  Chapter 37: Inguinal Hernias (Holsten/Simmerman)
13 No Conference: due to Cadaver Lab

Chapter 38: Thyroid, Parathyroid, and Adrenal (through Benign Thyroid Disorders/up to Solitary Thyroid Nodule) (Pipkin/Mentzer)

20 Chapter 38: Thyroid, Parathyroid, and Adrenal (from Solitary Thyroid Nodule through Complications of Thyroid Surgery/up to Parathyroid) (Pipkin/Ghaffari)

27 Chapter 38: Thyroid, Parathyroid, and Adrenal (through Parathyroid Section/up to Adrenal Section) (Rolls/Ham)

Nov 3 Chapter 38: Thyroid, Parathyroid, and Adrenal (through Parathyroid Section/up to Adrenal Section) (Rolls/Ham)

10 Chapter 38: Thyroid, Parathyroid, and Adrenal (through the Adrenal Section) (Merchen/Bolduc)

17 Chapter 4: Hemostasis, Surgical Bleeding, and Transfusion: (through Acquired Hemostatic Defects/ up to Transfusion Section) (White/Sampath)

24 Thanksgiving

Dec 1 Chapter 4: Hemostasis, Surgical Bleeding, and Transfusion: (through the end of the chapter) (Walters/Martinez)

8 Chapter 13: Physiologic Monitoring of the Surgical Patient (Rolls/Morgan Smith)

15 Chapter 47: Anesthesia of the Surgical Patient (Lee/Gilleland)

22 Winter Holiday

29 Winter Holiday

Jan 5 Chapter 5: Shock (through Metabolic Effects)(Young/Super)

12 Chapter 5: Shock (through the end of the chapter) (Hawkins/Chowdrey)

19 MLK Day

25 Chapter 7: Trauma (through General Principles of Management)
(Ferdinand/Masoumy)

Feb 2  Chapter 7: Trauma (*through Neck and Cervical Spine Injuries/ Up to Chest Injuries*) (Abuzeid/Burkart)

9  No Conference: due to Cadaver Lab

16  Chapter 7: Trauma (*through Abdominal Injuries/ up to Pelvis Fractures and Emergent Hemorrhage Control*) (Hawkins/King)

23  Chapter 7: Trauma (*through Abdominal Injuries/ up to Pelvis Fractures and Emergent Hemorrhage Control*) (O’Malley/B Keyser)

Mar 2  Chapter 7: Trauma (*through Extremity Fractures, Vascular Injuries, and Compartment Syndrome/ up to Intensive Care Unit Management and Postoperative Considerations*) (White/Fasusi)

9  No Conference: due to Pig Lab

16  Chapter 7: Trauma (*through the end of the chapter*) (Holsten/Garman)

23  Chapter 8: Burns (Young/Patel)

30  Chapter 25: Esophagus and Diaphragmatic Hernias (*through Gastroesophageal Reflux Disease/up to Giant Diaphragmatic (Hiatal) Hernias*) (Lane/Lawson)

April 6  Masters Week

13  Chapter 25: Esophagus and Diaphragmatic Hernias (*through Operations for Esophageal Motor Disorders and Diverticula/ up to Carcinoma of the Esophagus*) (Schroeder/Paschal)

20  Chapter 25: Esophagus and Diaphragmatic Hernias (*from Carcinoma of the Esophagus through Benign Tumors and Cysts/up to Esophageal Perforation*) (Schroeder/Walsh)

27  Chapter 25: Esophagus and Diaphragmatic Hernias
May

4 Chapter 26: Stomach *(through Diagnosis of Gastric Disease/ up to Peptic Ulcer Disease)* (Pipkin/Super)

11 No Conference due to Pig Lab

18 Chapter 26: Stomach *(from Peptic Ulcer Disease through Malignant Neoplasms of the Stomach/ up to Benign Gastric Neoplasms)* (Walters/Simmerman)

25 Memorial Day

June

1 Chapter 26: Stomach *(through the end of the chapter)* (Rolls/Chowdrey)

8 Chapter 27: The Surgical Management of Obesity (Lane/Lassiter)

15 Chapter 28: Small Intestine *(through Crohn’s Disease/ up to Intestinal Fistulas)* (Martin/Patel)

22 Chapter 28: Small Intestine *(through the end of the chapter)* (Martin/Grigsby)

28 Chapter 29: Colon, Rectum, and Anus *(through Diverticular Disease/ up to Adenocarcinoma and Polyps)* (Lee/Oh)

July

6 Chapter 29: Colon, Rectum, and Anus *(through Adenocarcinoma and Polyps/ up to Other Neoplasms)* (Lane)

20 Chapter 29: Colon, Rectum, and Anus *(through Anorectal Diseases/ up to Trauma)* (Martin)

27 Chapter 29: Colon, Rectum, and Anus *(through the end of the chapter)* (Abuzeid)

Aug

3 Chapter 30: The Appendix ((Walters)

10 Chapter 6: Surgical Infections (Ferdinand)

16 Chapter 14: Minimally Invasive Surgery, Robotics, and Natural Orifice Transluminal Endoscopic Surgery (Lee)
24  Chapter 22: Thoracic Aneurysms and Aortic Dissection (Patel)

31  Chapter 23: Arterial Disease (through Carotid Artery Disease) (Agarwal)

Sept 7-  Labor Day

14  Chapter 23: Arterial Disease (from AAA through Mesenteric Artery Disease) (Ramirez)

21  Chapter 23: Arterial Disease (from Renal Artery Disease through Aortoiliac Occlusive Disease) (Hardy)

28  Chapter 23: Arterial Disease (through the end of the chapter) (Hardy)

Oct 5  Chapter 24: Venous and Lymphatic Disease (through Venous Thromboembolism) (Agarwal)

12  No Conference due to Cadaver lab

19  Chapter 24: Venous and Lymphatic Disease (through the end of the chapter) (Ramirez)

26  Chapter 10: Oncology (through Cancer Etiology/ up to Cancer Risk Assessment) (Kruse)

Nov 2  Chapter 10: Oncology (through the end of the chapter) (Kruse)

9  Chapter 9 Wound Healing (Holsten)

17  Chapter 31: Liver (through Infections of the Liver/ up to Work-Up of an Incidental Liver Mass) (Merchen)

23  Thanksgiving

30  Chapter 31: Liver (through the end of the chapter) (Merchen)

Dec 7  Chapter 32: Gallbladder and the Extra-hepatic Biliary System (Merchen)
Chapter 33: Pancreas (through Intraislet Regulation/ up to Acute pancreatitis) (Kruse)

Winter Holiday

Winter Holiday

Chapter 33: Pancreas (through Chronic Pancreatitis/ up to Pancreas Neoplasms) (Kruse)

Chapter 33: Pancreas (through the end of the chapter) (Kruse)

MLK Day

Chapter 11: Transplantation (Rolls)

Chapter 19: Chest Wall, Lung, Mediastinum and Pleura (through Lung/ up to Chest Wall) (Schroeder)

Chapter 19: Chest Wall, Lung, Mediastinum and Pleura (through the end of the chapter) (Patel)

No Conference due to Cadaver Lab

Chapter 21: Acquired Heart Disease (Patel)

Chapter 20: Congenital Heart Disease (Pipkin)

No Conference due to Pig Lab

Chapter 39: Pediatric Surgery (through Esophagus/ up to Gastrointestinal Tract) (Howell)

Chapter 39: Pediatric Surgery (through the end of the chapter) (Hatley)

Chapter 40: Urology (Holsten)

Master’s Week

Chapter 18: Disorders of the Head and Neck (Draper)
Faculty assignments for Surgery Curriculum:

**Merchen:**
- Chapter 16: The Skin and Subcutaneous Tissue (BS/C)
- Chapter 36: Soft Tissue Sarcomas (BS/C)
- Chapter 2: Systemic Response to Injury & Metabolic Support (BS)
- Chapter 38: Thyroid, Parathyroid, and Adrenal (BS/C)
- Chapter 31: Liver (BS/C) x 2
- Chapter 32: Gallbladder & Extra-hepatic Biliary System (BS/C) x 2

**Holsten:**
- Chapter 2: Systemic Response to Injury & Metabolic Support (BS)
- Chapter 37: Inguinal Hernias (BS/C)
- Chapter 7: Trauma (BS/C)
Chapter 9: Wound Healing (BS)
Chapter 40: Urology (BS/C)

**Pipkin:**
Chapter 38: Thyroid, Parathyroid, and Adrenal (BS/C)x2
Chapter 26: Stomach (BS/C)
Chapter 20: Congenital Heart Disease (BS/C)

**Martin:**
Chapter 28: Small Intestine (BS/C) x2
Chapter 29: Colon, Rectum, and Anus (BS/C)
Chapter 41: Gynecology (BS/C)

**Rolls:**
Chapter 38: Thyroid, Parathyroid, and Adrenal (BS/C)
Chapter 13: Physiologic Monitoring of the Surgical Patient (BS)
Chapter 26: Stomach (BS/C)
Chapter 11: Transplantation (BS/C)

**Lane:**
Chapter 25: Esophagus and Diaphragmatic Hernias (BS/C)
Chapter 27: The Surgical Management of Obesity (BS/C)
Chapter 29: Colon, Rectum, and Anus (BS/C)

**Lee:**
Chapter 47: Anesthesia of the Surgical Patient (BS/C)
Chapter 29: Colon, Rectum, and Anus (BS/C)
Chapter 14: Minimally Invasive Surgery, Robotics, and Natural Orifice Transluminal Endoscopic Surgery (BS)

**Ferdinand:**
Chapter 35: Abdominal Wall, Omentum, Mesentery, and Retroperitoneum (BS/C)
Chapter 7: Trauma (BS/C)
Chapter 6: Surgical Infections (BS)
Chapter 12: Patient Safety (BS)

**Abuzeid:**
Chapter 34: Spleen (BS/C)
Chapter 7: Trauma (BS/C)
Chapter 29: Colon, Rectum, and Anus (BS/C)

**Hawkins:**
Chapter 5: Shock (BS)
Chapter 7: Trauma (BS/C)
Chapter 48: Ethics, Palliative Care, & Care at the End of Life (BS/C)

**O’Malley:**
Chapter 3: Fluid and Electrolyte Management (BS)
Chapter 7: Trauma (BS/C)
Chapter 45: Plastic and Reconstructive Surgery (BS/C)
White:  Chapter 4: Hemostasis, Surgical Bleeding, and Transfusion (BS)
       Chapter 7: Trauma (BS/C)
       Chapters 43/44: Orthopedic Surgery and Surgery of the Hand and Wrist (BS/C)

Young:  Chapter 5: Shock (BS)
        Chapter 7: Burns (BS/C)
        Chapter 42: Neurosurgery (BS/C)

Kruse:  Chapter 10: Oncology (BS) x2
        Chapter 33: Pancreas (BS/C) x 3

Draper: Chapter 17: The Breast (BS/C) x 2
        Chapter 18: Disorders of the Head and Neck (BS/C)

Ziuddin: Chapter 17: The Breast (BS/C) x 2
         Chapter 15: Molecular and Genomic Surgery (BS)

Schroeder: Chapter 25: Esophagus and Diaphragmatic Hernias (BS/C) x3
          Chapter 19: Chest Wall, Lung, Mediastinum, and Pleura (BS/C)

Patel:  Chapter 22: Thoracic Aneurysms and Aortic Dissection (BS/C)
        Chapter 19: Chest Wall, Lung, Mediastinum, and Pleura (BS/C)
        Chapter 21: Acquired Heart Disease (BS/C)

Ramirez: Chapter 23: Arterial Disease (BS/C) x 2

Agarwal: Chapter 23: Arterial Disease (BS/C)
         Chapter 24: Venous and Lymphatic Disease (BS/C)

Hardy: Chapter 23: Arterial Disease (BS/C) x 2
        Chapter 46: Surgical Considerations in the Elderly (BS/C)

Walters: Chapter 4: Hemostasis, Surgical Bleeding, and Transfusion (BS)
         Chapter 26: Stomach (BS/C)
         Chapter 30: The Appendix (BS/C)

Howell: Chapter 39: Pediatric Surgery (BS/C)