**GENERAL SURGERY - SKILLS CURRICULUM SCHEDULE 2020-2021**

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| **Date** | **Basic Science** | **SKILLS LAB SESSION** | **PGY LEVEL TASK** | **MATERIALS** | **Preceptors** |
| July 13 | N/A | **Sutures, open instruments, tubes, drains** | PGY-1: primary learner  PGY 2-5: instructors | Basic open tray  Tubes/drains  Sutures | Chiefs |
| July 27 | N/A | **Central Line Insertion** | PGY 1-2: primary learner  PGY 3-4: femoral anatomy  PGY 5: neck anatomy, potential complications | CVC Mannequin  CVC Kit  U Wash CVC Modules (free online) | Chiefs |
| Aug 7 | Stomach |  |  |  |  |
| Aug 14 | Small Bowel | **Bowel Anastamosis - Stapled** | PGY 1: acquire familiarity with different surgical staplers  PGY 2-3: anatomy/steps of RHC  PGY 4-5: anatomy/step of LHC | Staplers | Chiefs |
| Aug 21 | Colon |  |  |  |  |
| Aug 28 | Anorectal & appendix | **Intro to Wound closure: vertical mattress, horizontal mattress, subcuticular** | PGY 1: practice vertical mattress, horizontal, subcuticular  PGY 2-3: Layers of abdominal wall  PGY 4-5: Abdominal wall recon/component separation techniques | Fake skin, sutures (3-0 nylon, vicryl; 4-0 monocryl), needle driver, pick up | Chiefs |
| Sept 4 | Esophagus |  |  |  |  |
| Sept 11 | Liver | **Liver Anatomy, Anatomical Resections** | PGY 1: Liver Anatomy  PGY 2-3: Liver lesions on Absite  PGY 4-5: Surgical steps of anatomical liver resections | U of Toronto 3D Liver Model | PGY 4-5 |
| Sept 18 | Gall Bladder/Biliary |  |  |  |  |
| Sept 25 | Pancreas | **Intestinal anastomosis – hand sewn** | PGY 3-5: hand sewn end to end and side to side bowel anastomosis | Bowel material, 3-0 vicryl, 3-0 silk, pick up, needle driver, scissors, clip and board | PGY-5 |
| Oct 2 | Skin & soft tissue |  |  |  |  |
| Oct 9 | Wound Healing | **Whipple** | Pgy 3-4: anatomy of whipple  Pgy 5: steps and management of complications | 3D Anatomy Model for didactics | Chiefs |
| Oct 16 | REVIEW SESSION |  | CHUQUIN/D’ANDREA |  |  |
| Oct 23 | Thyroid/Parathyroid |  |  |  |  |
| Oct 30 | Pituitary/Adrenal/Endocrine | **ACS Basic U/S Course** | Online didactic course, in person small group practice | Human volunteer  U/S machine | Online didactic through ACS; U/S tech; Dr. Stern |
| Nov 6 | Critical Care/FEN |  |  |  |  |
| Nov 13 | Anesthesia/PeriOp/Cardiac optimization | **ACS Advanced U/S Course: ECHO and ICU U/S** | Online didactic course, in person small group practice | Human volunteer  U/S machine | Online didactic through ACS; U/S tech; Dr. Stern |
| Nov 20 | Breast |  |  |  |  |
| Nov 27 | THANKSGIVING FRIDAY |  |  |  |  |
| Dec 4 | Trauma 1 | **Trauma Exposure Didactics** | PGY 1-2: Trauma primary, secondary and tertiary survey  PGY 3-4: Vascular exposures  PGY 5: Catell-brasch, mattox, pringle, kocher, extended kocher |  | Chiefs |
| Dec 11 | Trauma 2 | **Trauma Management Didactics** | PGY 1-2: Solid Organ Injuries  PGY 3-4: Retroperitoneal hematomas  PGY 5: Neck trauma | 3D anatomy model | Chiefs |
| Dec 18 | REVIEW SESSION |  |  |  |  |
| Dec 25 | CHRISTMAS |  |  |  |  |
| Jan 1 | NEW YEARS |  |  |  |  |
| Jan 8 | Vascular 1 (trauma focus) | **Airway Management\*** | PGY 1-5 | Big group session  Friday after basic science |  |
| Jan 15 | Vascular 2 | **Intro to lap surgery: instruments, tower, FLS skills** | PGY 1-2 practice | OR  FLS Sim center | PGY 3-5 |
| Jan 22 | REVIEW SESSION |  |  |  |  |
| Jan 23 | ABSITE |  |  |  |  |
| Jan 29 | WELNESS DAY |  | WELLNESS COMMITTEE |  |  |
| Feb 5 | Transplant |  |  |  |  |
| Feb 12 | Pediatric Surgery | **Mock orals (PGY5)** | PGY 5 |  | Attendings |
| Feb 19 | Bariatric Surgery |  |  |  |  |
| Feb 26 | Spleen/hematology | **Laparoscopic suturing and knot tying** | PGY 3-5 | FLS Sim Center | PGY-5 |
| Mar 5 | Cardiac/Thoracic |  |  |  |  |
| Mar 12 | Hand/Ortho Surgery | **Splinting techniques** | PGY 1-5 |  | ? Ortho attending? |
| Mar 19 | Inflammatory Bowel Disease |  |  |  |  |
| Mar 26 | Hernia and Mesh | **Introduction to Robotics** | PGY 1-5 | OR | Intuitive modules online; robot tutorial with ?Dr. Ngyuen or Intuitive reps |
| Apr 2 | Surgery and the Pregnant Patient |  |  |  |  |
| Apr 9 | Urology | **Mock Orals** | PGY 5 |  | Attendings |
| Apr 16 | Infection and antimicrobials |  |  |  |  |
| Apr 23 | WELLNESS DAY |  | WELLNESS COMMITTEE |  |  |
| Apr 30 | SPECIAL TOPIC |  |  |  |  |
| May 7 | SPECIAL TOPIC |  |  |  |  |
| May 14 | SPECIAL TOPIC |  |  |  |  |
| May 21 | SPECIAL TOPIC |  |  |  |  |