

Surgical Foundations Bootcamp Curriculum 2021-2022

G. Paloschi Conference Room or  
Surgical Skills Centre, 2<sup>nd</sup> Floor, Medical Building

1. Pre-Residency Preparation:

<u>Date</u>	<u>ACS – Fundamentals of Surgery Modules</u>	<u>Facilitators</u>
Prior to July 1, 2021	Instruction Manual Module 1: Patient and Workplace Safety Module 2: Preoperative Assessment Module 3: On Call Issues	Dr. Phillips  Program Director

Surgical “Boot Camp”

	Seminar / Lecture
	Patient case scenario / Role playing (American College of Surgery Phase III)
	Technical Skills Lab (American College of Surgery Phase I)
	Course

General Surgery = 3 residents, Orthopedic Surgery = 2 residents, Urology = 1 resident, Ob/Gyn = 3 residents, Ophthalmology – 2 residents (specific sessions to attend)

Surgical Foundations Bootcamp Curriculum 2021-2022

G. Paloschi Conference Room or  
Surgical Skills Centre, 2<sup>nd</sup> Floor, Medical Building



<u>Date</u>	<u>Time</u>	<u>Topics</u>	<u>ACS Modules</u>	<u>Facilitator</u>	<u>Ophtho Resident Attending</u>
<b>Wednesday, June 30</b>	<b>ALL Day</b>	<b>Hospital/PGME Orientation</b>		<b>VIRTUAL</b>	<b>All PGY1's</b>
Monday, July 5	11:30am – 1:00pm	Surgical Foundations CBME Orientation		Dr. Phillips	N
KGH Dietary 3 Conference Rm	1:00 – 3:00pm	Clinical Documentation <ul style="list-style-type: none"> <li>• Clinical encounters, OR notes, clinic/ward/ER notes</li> <li>• Dictation</li> </ul> Entry Point <ul style="list-style-type: none"> <li>• Didactic and practical session</li> <li>• All computer entries</li> </ul>	Intro 2	Drs. Phillips/Mir	Y
	3:00 – 4:00pm	Asepsis/Scrubbing		Janice Kelly or Zee Mir	Y
Tuesday, July 6 KGH Dietary 3 Conference Rm	1:00 – 2:00pm	Common post-operative complications <ul style="list-style-type: none"> <li>• Delirium                             <ul style="list-style-type: none"> <li>○ Clinical Scenarios</li> </ul> </li> </ul>	5: 2	Dr. K. Wood	Y
	2:00 – 3:00pm	<ul style="list-style-type: none"> <li>• Pain                             <ul style="list-style-type: none"> <li>○ Clinical Scenarios</li> </ul> </li> </ul>	4: Intro	Dr. K. Wood	Y
	3:00 – 4:00pm	<ul style="list-style-type: none"> <li>• Infection (wound, urinary, pneumonia, other)                             <ul style="list-style-type: none"> <li>○ Clinical scenarios</li> </ul> </li> </ul>	8: 2	Dr. K. Wood	Y
Wednesday, July 7 Paloschi Room	1:00 – 2:00pm	Common post-operative complications <ul style="list-style-type: none"> <li>• <i>Hypotension</i> <ul style="list-style-type: none"> <li>○ Clinical scenarios</li> </ul> </li> </ul>	3: Postop Hypo Summary	Dr. Gibson	Y
	2:00 – 3:00pm	<ul style="list-style-type: none"> <li>• <i>Hemorrhage</i> <ul style="list-style-type: none"> <li>○ Clinical scenarios</li> </ul> </li> </ul>		Dr. Gibson	Y
	3:00 – 4:00pm	<ul style="list-style-type: none"> <li>• <i>Myocardial Infarction</i> <ul style="list-style-type: none"> <li>○ Clinical scenarios</li> </ul> </li> </ul>		Dr. Gibson	Y

Surgical Foundations Bootcamp Curriculum 2021-2022



G. Paloschi Conference Room or  
Surgical Skills Centre, 2<sup>nd</sup> Floor, Medical Building

Thursday, July 8	1:00 – 2:30pm	Patient Safety – Part 1 <ul style="list-style-type: none"> <li>• Safety Culture</li> <li>• Pre-operative checklist, brief &amp; debrief</li> <li>• Patient Handoff</li> <li>• Risk management &amp; human factor design</li> <li>• Teamwork &amp; communications</li> </ul>		Dr. Harrison	Y
	2:30-4:00pm	Common Post-Operative complications <ul style="list-style-type: none"> <li>• Pulmonary embolism</li> <li>• Respiratory Distress</li> <li>• Clinical Scenarios</li> </ul>		Dr. Agrawal	Y
Friday, July 9	1:00 – 2:30pm	Preoperative preparation for the surgical patient <ul style="list-style-type: none"> <li>• Didactic session                             <ul style="list-style-type: none"> <li>○ Approach, considerations, when to consult, red-flags, etc.</li> </ul> </li> <li>• Patient scenarios</li> </ul>	2: Preop Eval Intro	Dr. Agrawal	Y
	2:30-4:00pm	Patient Safety – Part 2 <ul style="list-style-type: none"> <li>• Safety Culture</li> <li>• Pre-operative checklist, brief &amp; debrief</li> <li>• Patient Handoff</li> <li>• Risk management &amp; human factor design</li> <li>• Teamwork &amp; communications</li> </ul>		Dr. Harrison	Y
Monday, July 12	1:00 – 2:00pm	Venous and Arterial Lines <ul style="list-style-type: none"> <li>• IV lines, PICC, arterial lines, central venous lines</li> <li>• Common problems &amp; troubleshooting</li> <li>•</li> </ul>		Dr. Petsikas	Y
	2:00 – 4:00pm	Technical Skills Lab <ul style="list-style-type: none"> <li>• Line insertions (IV, arterial, CVL)</li> </ul>		Dr. Petsikas	Y

Surgical Foundations Bootcamp Curriculum 2021-2022

G. Paloschi Conference Room or  
Surgical Skills Centre, 2<sup>nd</sup> Floor, Medical Building



Tuesday, July 13  SSL1 (206A)	1:00 – 2:00pm	Intubation and Surgical airway <ul style="list-style-type: none"> <li>• Didactic Session</li> </ul>	2: Preop Eval 2	Dr. Phillips	Y
	2:00 – 4:00pm	Technical Skills Lab <ul style="list-style-type: none"> <li>• Intubation and Surgical Airway</li> </ul>		Dr. Phillips	Y
Wednesday, July 14  SSL1 (206A)	1:00 – 2:00pm	Risks/complications of simple wound closure <ul style="list-style-type: none"> <li>• Infection, injury other structures</li> <li>• Informed consent for closure of simple laceration/incision</li> </ul>	8: Intro, 2, Summary	Dr. Harrison	Y
	2:00 – 4:00pm	Technical Skills Lab <ul style="list-style-type: none"> <li>• Surgical knot tying, suturing</li> <li>• Wound closure principles tissue handling/dissection</li> </ul>		Dr. Harrison	Y
Thursday, July 15  Paloschi Room	1:00 – 2:30pm	Cardiac Surgery <ul style="list-style-type: none"> <li>• Call coverage – issues, troubleshooting</li> <li>• Clinical scenarios</li> </ul>		Dr. Ribeiro	N
	2:30-4:00pm	Principles of anesthesia for the surgical trainee <ul style="list-style-type: none"> <li>• General anesthesia                             <ul style="list-style-type: none"> <li>○ Include MH</li> </ul> </li> <li>• Physiologic monitoring of the surgical patient</li> <li>• Local anesthesia/nerve blocks</li> <li>• Pain management post-operatively</li> <li>• Patient scenarios</li> </ul>		Dr. Koumpan	Y
Friday, July 16  Paloschi Room	1:00 – 2:30pm	Neurosurgery <ul style="list-style-type: none"> <li>• Call coverage – issues, troubleshooting</li> <li>• Clinical scenarios</li> <li>• Approach to the Comatose Patient</li> <li>• Reading a CT Scan....the Basics</li> <li>• Clearing the C Spine</li> <li>• Approach to Raise Intracranial Pressure (ICP)</li> </ul>		Dr. Haji or Purzner	Y

Surgical Foundations Bootcamp Curriculum 2021-2022

G. Paloschi Conference Room or  
Surgical Skills Centre, 2<sup>nd</sup> Floor, Medical Building



	2:30-4:00pm	Recognizing and early management of the critically ill <ul style="list-style-type: none"> <li>• Didactic session                 <ul style="list-style-type: none"> <li>○ Approach, considerations, consulting others, red-flags</li> </ul> </li> <li>• Patient scenarios</li> </ul>		Dr. Drover	Y
Wed., July 21  SSL1 (206A)	1:00 – 2:00pm	Chest tubes and thoracentesis <ul style="list-style-type: none"> <li>• Didactic session</li> <li>• Common problems &amp; troubleshooting</li> </ul>	6: 1	Dr. Reid	N
	2:00 – 4:00pm	Technical Skills Lab <ul style="list-style-type: none"> <li>• Chest tube insertion &amp; thoracentesis</li> </ul>		Dr. Reid	N
Wed, July 28  SSL1 (206A)	1:00 – 2:00pm	Foley catheters <ul style="list-style-type: none"> <li>• Didactic session</li> <li>• Common problems &amp; troubleshooting</li> </ul>	3: postop oliguria 1	Dr. McGregor	N
	2:00 – 4:00pm	Technical Skills Lab <ul style="list-style-type: none"> <li>• Foley catheter insertion</li> </ul>		Dr. McGregor	N
Aug. 3/4	ALL DAY	ATLS			
Wed., Aug 11  SSL1 (206A)	1:00 – 2:00pm	Laparoscopic Lecture		Dr. Winthrop	N
	2:00 - 4:00pm	Technical Skills Lab Laparoscopic skills		Dr. Winthrop	N
Wed., Aug. 18  Paloschi Room	1:00 – 2:00pm	Vascular Surgery <ul style="list-style-type: none"> <li>• Call coverage – issues, troubleshooting &amp; Clinical Scenarios</li> </ul>		Dr. Zelt	N
	2:00 – 4:00pm	Pharmacy Resources Presentation <ul style="list-style-type: none"> <li>• medication order processes (drug formulary, electrolyte replacement, peri-op management of meds, feeding tubes and meds, APMS considerations, anticoagulation and bleeding, antibiotics and more</li> </ul>		Megan Riordon	N

Surgical Foundations Bootcamp Curriculum 2021-2022

G. Paloschi Conference Room or  
Surgical Skills Centre, 2<sup>nd</sup> Floor, Medical Building

Wednesday, August 25  SSL1 (206A)	12:30-2:00pm	Surgical drains <ul style="list-style-type: none"> <li>• Didactic session               <ul style="list-style-type: none"> <li>○ Types and uses</li> </ul> </li> <li>• Complications &amp; troubleshooting</li> </ul> Technical Skills Lab <ul style="list-style-type: none"> <li>• NG Tube insertion</li> </ul>		Dr. Walker	Y
	2:00 – 4:00pm	Technical Skills Lab Orthopedic fracture treatment <ul style="list-style-type: none"> <li>• Casting, Splinting</li> </ul>		Drs. Mann & Bardana	N
Sept 1 Skills Lab	1:00-4:00pm	Final OSCE		Drs. Jones, Harrison	N