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| **2nd Semester** |  |  | **Image Acquisition Only** |
| **Diagnostic Methods/Pathology** | **Introduction to Ultrasound** | LECTURE |  |
| **Physical Assessment** | **R Flank** | Phased Array | Liver, R kidney, Morrison’s Pouch, Diaphragm |
| **Small Groups** | **Session #1** | **Fall Semester** |  |
|  | **Abdominal** |  |  |
|  | RUQ | Phased Array | Liver, gallbladder |
|  | Sub Xiphoid | Phased Array | Aorta, IVC, and spine |
|  | LUQ | Phased Array | Diaphragm, Spleen, Left Kidney |
|  | **Cardiac Exam:** | Small Group Leader |  |
|  | Sub Xiphoid View | Phased Array | Heart systolic and diastolic phases (S1,S2) Substernal |
|  | Parasternal short and long | Phased Array | Mitral Valve and Aortic Valve |
|  | Apical View | Phased Array | 4 chamber view |
| **Small Groups** | **Extra Session #2** | **Fall Semester** |  |
|  | **Chest Exam** |  |  |
|  | 3rd or 4th intercostal space | Linear Array or Phased Array | Sliding Lung Sign |
|  | **Ocular Exam:** |  |  |
|  |  | Linear Array | Eyelid, Cornea, Lens, ciliary bodies, lens, vitreous chamber and Optic Nerve |
|  | **Peripheral Vascular Exam** |  |  |
|  | Anteromedial thigh | Linear Array | Femoral vein (superficial and deep), Saphenous vein, |
|  | Popliteal region | Linear Array | Popliteal vein |
|  | **GU Exam** |  |  |
|  | Suprapubic |  | Bladder, Prostate (uterus in females) |
| **IV Lab:** | **Antecubital Fossa** | **Linear Array** | Brachial Vein and Artery, Cephalic and Basilic Veins |
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| **3rd Semester** |  | **Course/Lab** | **Image Acquisition & Pathology** |
| **Nether Regions/ Urology Lab** |  | Image Acquisition: Bladder, Prostate, Uterus | Hydronephrosis, PostVoid Residual (Pathology) |
| **GI/ENT Lab** |  |  | Appendicitis, Gallstones, Biliary Tree (Pathology) |
| **Ophthalmology Lab** |  | Image Acquisition: Ophthalmology Lab | Eyelid, Cornea, Lens, ciliary bodies, lens, vitreous chamber and Optic Nerve |
| **Cardiology Course** | **Cases ONLY** |  | AAA, Cardiac Tamponade, LVH |
| **Pulmonology Course** |  | Pulm Lab | Sliding Lung Sign, DVT, B-lines |
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| **4th Semester** |  |  | **Pathology** |
| **Emergency Medicine Lab** |  | EM Lab and Cases | FAST Exam  Extended FAST Exam  RUSH Exam: Video  Ultrasound guided procedures |
| **OBGYN Course** |  |  | OBGYN CASE |
| **Pediatric Course** |  |  | Pediatric POCUS lecture |
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