

## Hospital Medicine Point of Care Ultrasound

### POCUS-Point of Care Ultrasound for Physicians Course

| Itinerary – Monday |   |                                  |                                  |
|--------------------|---|----------------------------------|----------------------------------|
| 8:00 - 8:30        | Registration & Breakfast  |                                  |                                  |
| 8:30 - 8:45        | Welcome & Introductions - Room A & B                              |                                  |                                  |
| 8:45 - 9:10        | Review of Anatomy and Probe Movement - Room A & B                 |                                  |                                  |
|                    | Group 1   | Group 2                          | Group 3                          |
| 9:15 - 9:40        | Scan Bladder/Renal<br>Room C & D                                  | GU Anatomy<br>Room A             | GU Anatomy<br>Room B             |
| 9:45 - 10:10       | GU Anatomy<br>Room B  | Scan Bladder/Renal<br>Room C & D | GU Pathology<br>Room A           |
| 10:15 - 10:40      | GU Pathology<br>Room A  | GU Pathology<br>Room B           | Scan Bladder/Renal<br>Room C & D |
| 10:40 - 10:50      | 10 minutes Break  |                                  |                                  |
|                    | Group 1   | Group 2                          | Group 3                          |
| 10:50 - 11:15      | Scan Bladder/Renal<br>Room C & D                                  | Abd Pathologies<br>Room A        | Abd Pathologies<br>Room B        |
| 11:20 - 11:45      | Abd Pathologies<br>Room B   | Scan Bladder/Renal<br>Room C & D | AKI Cases<br>Room A              |
| 11:50 - 12:15      | AKI Cases<br>Room A   | AKI Cases<br>Room B              | Scan Bladder/Renal<br>Room C & D |
| 12:15 - 1:15       | Lunch   |                                  |                                  |
| 1:15 - 1:40        | Pulmonary Review - Room A & B                                     |                                  |                                  |
|                    | Group 1   | Group 2                          | Group 3                          |
| 1:40 - 2:10        | Scan Lung<br>Room C & D   | Lung Image Review<br>Room A      | Lung Image Review<br>Room B      |
|                    | 15 minutes Break  |                                  |                                  |
| 2:25 - 2:55        | Lung Image Review<br>Room A                                       | Scan Lung<br>Room C & D          | Pulmonary Cases<br>Room B        |
| 2:55 - 3:10        | 15 minutes Break  |                                  |                                  |
| 3:10 - 3:40        | Pulmonary Cases<br>Room B   | Pulmonary Cases<br>Room A        | Scan Lung<br>Room C & D          |
| 4:00 - 5:00        | Scanning Clinic - Room C & D                                      |                                  |                                  |
| <b>Homework</b>    | <b><i>Watch the following videos before tomorrow's class:</i></b> |                                  |                                  |
|                    | Basic Cardiac (ICCU-CAE)  | 60 minutes                       |                                  |
|                    | M Mode  | 4 minutes                        |                                  |
|                    | Doppler   | 23 minutes                       |                                  |
|                    | Systolic Function (optional)                                      | 10 minutes                       |                                  |



Hospital Medicine Point of Care Ultrasound

| Itinerary - Tuesday |  |                                     |                                     |
|---------------------|--|-------------------------------------|-------------------------------------|
| 8:00 - 8:30         | Daily Sign In & Breakfast                                  |                                     |                                     |
| 8:30 - 8:50         | Review: Cardiac Anatomy - Room A & B                       |                                     |                                     |
|                     | Group 1  | Group 2                             | Group 3                             |
| 9:00 - 9:25         | Scan Cardiac PLAX<br>Room C & D                            | 3D Shapes & Scanning<br>Room A      | Cardiac Image Review<br>Room B      |
| 9:30 - 9:55         | Cardiac Image Review<br>Room B                             | Scan Cardiac PLAX<br>Room C & D     | 3D Shapes & Scanning<br>Room A      |
| 10:00 - 10:25       | 3D Shapes & Scanning<br>Room A                             | Cardiac Image Review<br>Room B      | Scan Cardiac PLAX<br>Room C & D     |
| 10:25 - 10:35       | 10 minutes Break   |                                     |                                     |
|                     | Group 1  | Group 2                             | Group 3                             |
| 10:35 - 11:00       | Scan Cardiac PSAX<br>Room C & D                            | Systolic Function<br>Room A & B     |                                     |
| 11:05 - 11:30       | Systolic Function<br>Room B                                | Scan Cardiac PSAX<br>Room C & D     | EF Image Review<br>Room A           |
| 11:35 - 12:00       | EF Image Review<br>Room A                                  | EF Image Review<br>Room B           | Scan Cardiac PSAX<br>Room C & D     |
| 12:00 - 1:00        | Lunch  |                                     |                                     |
|                     | Group 1  | Group 2                             | Group 3                             |
| 1:00 - 1:25         | Scan Cardiac Apical 4<br>Room C & D                        | 3D Cardiac Anatomy<br>Room A        | 3D Cardiac Anatomy<br>Room B        |
| 1:30 - 1:55         | 3D Cardiac Anatomy<br>Room A                               | Scan Cardiac Apical 4<br>Room C & D | US Guided Procedures<br>Room B      |
| 2:00 - 2:25         | US Guided Procedures<br>Room A & B                         |                                     | Scan Cardiac Apical 4<br>Room C & D |
| 2:25 - 2:35         | 10 minutes Break   |                                     |                                     |
|                     | Group 1  | Group 2                             | Group 3                             |
| 2:35 - 3:00         | Scan Subcostal<br>Room C & D                               | US Guided IV<br>Room A              | Cases<br>Room B                     |
| 3:05 - 3:30         | Cases<br>Room B  | Scan Subcostal<br>Room C & D        | US Guided IVs<br>Room A             |
| 3:35 - 4:00         | US Guided IVs<br>Room A                                    | Cases<br>Room B                     | Scan Subcostal<br>Room C & D        |
| 4:00 - 5:00         | Scanning Clinic - Room C & D                               |                                     |                                     |
| <b>Homework</b>     | <b>Watch the following videos before tomorrow's class:</b> |                                     |                                     |
|                     | PEFF   | 40 minutes                          |                                     |
|                     | RV videos  | 9 minutes (ICCU)                    |                                     |
|                     | RV   | 15 minutes (Vanderbilt EM)          |                                     |



Hospital Medicine Point of Care Ultrasound

| Itinerary - Wednesday |   |                                     |                                     |
|-----------------------|---|-------------------------------------|-------------------------------------|
| 8:00 - 9:00           | Daily Sign In & Breakfast<br><i>Independent Scanning for groups 2 and 3</i> |                                     |                                     |
|                       | Group 1   | Group 2                             | Group 3                             |
| 8:20 - 8:55           | Image Optimization PLAX<br>Room A   | Independent Scanning<br>Room C & D  |                                     |
| 9:00 - 9:35           | Scan PLAX<br>Room C & D   | Image Optimization PLAX<br>Room A   | PEFF/RV Image Review<br>Room B      |
| 9:40 - 10:15          | PEFF/RV Image Review<br>Room B  | Scan PLAX<br>Room C & D             | Image Optimization PLAX<br>Room A   |
| 10:20 - 10:55         | Image Optimization PSAX<br>Room A   | PEFF/RV Image Review<br>Room B      | Scan PLAX<br>Room C & D             |
| 10:55 - 11:05         | 10 minutes Break  |                                     |                                     |
|                       | Group 1   | Group 2                             | Group 3                             |
| 11:05 - 11:25         | Scan Cardiac PSAX<br>Room C & D   | Image Optimization PSAX<br>Room A   | Volume Status<br>Room B             |
| 11:30 - 11:50         | Volume Status<br>Room B   | Scan Cardiac PSAX<br>Room C & D     | Image Optimization PSAX<br>Room A   |
| 11:55 - 12:15         | Image Optimization A4<br>Room A   | Volume Status<br>Room B             | Scan Cardiac PSAX<br>Room C & D     |
| 12:15 - 1:00          | Lunch   |                                     |                                     |
|                       | Group 1   | Group 2                             | Group 3                             |
| 1:00 - 1:25           | Scan Cardiac Apical 4<br>Room C & D   | Image Optimization A4<br>Room A     | Cases<br>Room B                     |
| 1:30 - 1:55           | Cases<br>Room B   | Scan Cardiac Apical 4<br>Room C & D | Image Optimization A4<br>Room A     |
| 2:00 - 2:25           | Image Optimization S4<br>Room A   | Cases<br>Room B                     | Scan Cardiac Apical 4<br>Room C & D |
| 2:25 - 2:35           | 10 minutes Break  |                                     |                                     |
|                       | Group 1   | Group 2                             | Group 3                             |
| 2:35 - 3:00           | Scan Subcostal<br>Room C & D  | Image Optimization S4<br>Room B     | Doppler Hands-on<br>Room A          |
| 3:05 - 3:30           | Doppler Hands-on<br>Room A  | Scan Subcostal<br>Room C & D        | Image Optimization S4<br>Room B     |
| 3:35 - 4:00           | Free  | Doppler Hands-on<br>Room A          | Scan Subcostal<br>Room C & D        |
| 4:00 - 5:00           | Scanning Clinic - Room C & D  |                                     |                                     |
| <b>Homework</b>       | <b><i>Watch the following videos before tomorrow's class:</i></b>           |                                     |                                     |
|                       | Aorta   | 25 minutes                          |                                     |
|                       | LE Veins  | 17 minutes                          |                                     |
|                       | Hepatobiliary   | 20 minutes                          |                                     |



Hospital Medicine Point of Care Ultrasound

| Itinerary - Thursday |  |                                 |                                 |
|----------------------|--|---------------------------------|---------------------------------|
| 8:00 - 8:30          | Daily Sign In & Breakfast                                  |                                 |                                 |
| 8:30 - 8:55          | Aorta & GB Review Session - Room A & B                     |                                 |                                 |
|                      | Group 1  | Group 2                         | Group 3                         |
| 9:00 - 9:25          | Scan Aorta + GB<br>Room C & D                              | 3D Aorta<br>Room A              | 3D Aorta<br>Room B              |
| 9:30 - 9:55          | 3D Aorta<br>Room A   | Scan Aorta + GB<br>Room C & D   | Aorta Image Review<br>Room B    |
| 10:00 - 10:25        | Aorta Image Review<br>Room A                               | Aorta Image Review<br>Room B    | Scan Aorta + GB<br>Room C & D   |
| 10:25 - 10:35        | 10 minutes Break   |                                 |                                 |
| 10:35 - 11:00        | Scan Aorta & GB<br>Room C & D                              | GB Image Review<br>Room B       | Cardiac Optimization<br>Room A  |
| 11:05 - 11:30        | Cardiac Optimization<br>Room A                             | Scan Aorta & GB<br>Room C & D   | Image Review GB<br>Room B       |
| 11:35 - 12:00        | Image Review GB<br>Room B                                  | Cardiac Optimization<br>Room A  | Scan Aorta & GB<br>Room C & D   |
| 12:00 - 1:00         | Lunch  |                                 |                                 |
| 1:00 - 1:20          | Review Leg Veins - Room A & B                              |                                 |                                 |
|                      | Group 1  | Group 2                         | Group 3                         |
| 1:25 - 2:05          | Scan LE Veins<br>Room C & D                                | LE Veins: 3D & Images<br>Room B | LE Veins: 3D & Images<br>Room A |
| 2:05 - 2:20          | 15 minutes Break   |                                 |                                 |
| 2:20 - 3:00          | LE Veins: 3D & Images<br>Room A                            | Scan LE Veins<br>Room C & D     | Blue Protocol + Cases<br>Room B |
| 3:00 - 3:15          | 15 minutes Break   |                                 |                                 |
| 3:15 - 3:55          | Blue Protocol + Cases<br>Room A & B                        |                                 | Scan LE Veins<br>Rooms C & D    |
| 4:00 - 5:00          | Scanning Clinic - Room C & D                               |                                 |                                 |
| <b>Homework</b>      | <b>Watch the following videos before tomorrow's class:</b> |                                 |                                 |
|                      | MSK  | 25 minutes                      |                                 |

### Hospital Medicine Point of Care Ultrasound

| Itinerary – Friday |   |   |   |
|--------------------|---|---|---|
| 8:00 - 8:30        | Daily Sign In & Breakfast                                   |   |   |
|                    | Group 1   | Group 2                                 | Group 3                                 |
| 8:30 - 9:10        | Scan MSK & Overall Review<br>Room C & D                     | US Guided Procedures<br>Room B          | Shock Cases<br>Room A                   |
| 9:10 - 9:20        | 10 Minute Break   |   |   |
| 9:20 - 10:00       | Shock Cases<br>Room A                                       | Scan MSK & Overall Review<br>Room C & D | US Guided Procedures<br>Room B          |
| 10:00 - 10:10      | 10 minutes Break  |   |   |
| 10:10 - 10:50      | US Guided Procedures<br>Room B                              | Shock Cases<br>Room A                   | Scan MSK & Overall Review<br>Room C & D |
| 10:50 - 11:00      | 10 minutes Break  |   |   |
| 11:00 - 12:00      | Resources & Program Planning Panel<br>Discussion Room A & B |   |   |
| 12:00 - 1:00       | Lunch   |   |   |

#### Friday Afternoon Practical/Written Assessment

| Group/Time  | AA  | AB                                 | BB                                 | BC                                 |
|-------------|---|------------------------------------|------------------------------------|------------------------------------|
| 1:00 - 1:30 | Practical Assessment<br>Room C & D                  | Room A Cases                       | Written Assessment - Room B        |                                    |
| 1:30 - 2:00 | Room A Cases  | Practical Assessment<br>Room C & D |                                    |                                    |
| 2:00 - 2:30 | Written Assessment - Room B                         |                                    | Practical Assessment<br>Room C & D | Room A Cases                       |
| 2:30 - 3:00 |   |                                    | Room A Cases                       | Practical Assessment<br>Room C & D |
| 3:00 - 4:00 | Exam Review<br>Debriefing/Evaluation<br>Rooms A & B |                                    |                                    |                                    |

**Thank you for taking our POCUS class!**