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| Tuesday, January 22, 2019 | | |
| **7:30** | **Welcome and Continental Breakfast** | |
| **7:40** | **Interactive Polling Session** | |
| **7:45** | **Ultrasound-Guided Vascular Access** | **Bret Nelson, MD, RDMS, FACEP** |
| **8:45** | **Break** | |
| **9:00** | **Abdominal Scanning Fundamentals** | **Brian Schenker, MBA, RDMS, RVT** |
| **10:00** | **Break** | |
| **10:05** | **FAST + e-fast** | **Bret Nelson, MD, RDMS, FACEP** |
| **11:05** | **Break** | |
| **11:15** | **Focused 2D Cardiac Exam (F.A.T.E.)** | **James Mateer, MD, RDMS** |
| **12:15** | **Lunch** | |
| **12:30** | **Optional Video Lecture: Abscess & Joint aspiration** | **James Mateer, MD, RDMS** |
| **1:30** | **Hands-On: E- FAST & Syst Opt/Cardiac/VA** | |
| **5:00** | **Adjourn** | |
| **5:15-6:30** | **Optional Welcome Reception & System Demonstrations** | |

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| Wednesday, January 23, 2019 | | |
| **7:30** | **Continental Breakfast** | |
| **7:45** | **Biliary & Renal Colic** | **James Mateer, MD, RDMS** |
| **8:40** | **Break** | |
| **8:50** | **AAA & case studies** | **James Mateer, MD, RDMS** |
| **9:20** | **Break** | |
| **9:25** | **Evaluation of DVT** | **Bret Nelson, MD, RDMS, FACEP** |
| **10:00** | **Evaluation of Cardiac Arrest, Shock & Hypotension** | **Bret Nelson, MD, RDMS, FACEP** |
| **11:00** | **Break** | |
| **11:10** | **Ultrasound-Guided Procedures: Pericardiocentesis, Paracentesis, Hemothorax, Lumbar Puncture, ET** | **Alexander Levitov, MD, RDCS, FCCM, FCCP** |
| **12:10** | **Interactive Polling Session with discussion** | |
| **12:25** | **Lunch:** | |
| **12:45** | **Optional Lunch Lecture: Training & Credentialing** | **All Faculty** |
| **1:30** | **Hands-On Scanning: Abd/FAST, Cardiac, DVT/Procedures** | |
| **5:00** | **Adjourn** | |

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| Thursday, January 24, 2019 | | |
| **7:30** | **Welcome and Continental Breakfast** | |
| **7:40** | **Interactive Polling Session** | |
| **7:50** | **ABC’s: Sonography in Shock & Source of Sepsis**  **- Gallbladder & Biliary Tree - Appendix**  **- Bowel Obstruction - Peritonitis & Abscess - Pyelonephritis** | **James Mateer, MD, RDMS** |
| **9:20** | **Break** | |
| **9:30** | **Fluid Responsiveness in the Critically Ill** | **Alexander Levitov, MD, FCCM, FCCP, RDCS** |
| **10:10** | **Break** | |
| **10:20** | **Advanced Non-Cardiac Chest:**   * **Sinuses** * **Larynx & Trachea** * **Lung & Pleura** | **Alexander Levitov, MD, FCCM, FCCP, RDCS** |
| **11:20** | **Break** | |
| **11:30** | **Ultrasound Guided Peripheral Vascular Access:**  **Challenges, Pitfalls/Tips & Tricks** | **Andreas Dewitz, MD, RDMS, FACEP** |
| **12:30** | **Lunch** | |
| **12:45** | **Optional Video Lecture: Color Doppler Ultrasound: The Fundamentals** | **Lori Green, BA, RDMS, RDCS, RVT** |
| **1:30** | **Hands-On Scanning** | |
| **5:00** | **Adjourn** | |
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| Friday, January 25, 2019 | | | |
| **7:30** | **Welcome and Continental Breakfast** | | |
| **7:45** | **Interactive Cases: What’s Your DX?** | **James Mateer, MD, RDMS Andreas Dewitz, MD, RDMS, FACEP Alexander Levitov, MD, FCCM, FCCP, RDCS** | |
| **8:30** | **Break** | | |
| ***Split Lecture Sessions: Choose Your Track*** | | | |
| **CRITICAL CARE ULTRASOUND: Scan Lab** | | **EMERGENCY MEDICINE: Main Lecture Room** | |
| **8:45** | **Cardiac Doppler & Focused Calculations**  **Presented by:**  **Dan Bourque, MS, RCS, FASE** | **8:45** | **Sonography of the Acute Scrotum:**  **Presented by:**  **James Mateer, MD, RDMS** |
| **9:30** | **Break** | | |
| **9:40** | **Echo Assessment of Cardiomyopathies & Heart Failure:**  **Presented by:**  **Alexander Levitov, MD, FCCM, FCCP, RDCS** | **9:40** | **Advanced EM Applications:**  **-Evaluation of Soft Tissue for Abscess   Identification**  **-Foreign Body Detection**  **-Musculoskeletal Applications**  **-Evaluation of Bony Cortices for Rapid Fracture   Diagnosis/Post-Reduction Bony Alignment**  **-Evaluation of the EYE for Selected Ocular   Emergencies**  **Presented by:**  **Andreas Dewitz, MD, RDMS, FACEP** |
| **10:40** | **Break** |
| **10:45** | **MI & Complications**  **Presented by:**  **Alexander Levitov, MD, FCCM, FCCP, RDCS** | **11:10** | **Break** |
| **11:45** | **Evaluation of the Right Heart**  **Presented by:**  **Alexander Levitov, MD, FCCM, FCCP, RDCS** | **11:20** | **Nerve Blocks in the ED:**  **-Forearm, Femoral & Selected Ankle Blocks**  **Presented by:**  **Andreas Dewitz, MD, RDMS, FACEP** |
| **12:25** | **Break: All Return back to Main Lecture Room** | | |
| **12:30** | **Interactive Polling with Discussion** | | |
| **12:40** | **Lunch on your own** | | |
| **1:30** | **Hands-On Scanning** | | |
| **5:00** | **Adjourn** | | |