



Clinical Pre-Meeting Course:  
**Clinical Ultrasound in Resource Limited Settings- From Basic to Advanced**  
 Saturday, November 12; 12:30 pm – 5 pm  
 Sunday, November 13; 7 am – 5 pm  
 Atlanta Marriott Marquis  
 Atlanta, GA USA

This intensive two day workshop will combine hands-on ultrasound training with expert discussion of most of the common illnesses found in resource limited settings that are amenable to evaluation by point-of-care ultrasound. The course is aimed at all skill levels from those who have never touched an ultrasound to those who use it in their day-to-day practice. Participants will be provided with 3 separate hands-on scanning blocks throughout the two day course. Hands-on sessions will include evaluation of the liver, spleen, aorta, heart, lungs, lower extremity veins and eyes. There will also be a hands-on ultrasound guided procedures workshop. Scanning sessions progress from basic to advanced, with lectures, panel discussions and case presentations covering the ultrasonographic characteristics of the common diseases seen in resource limited settings. These include, but are not limited to: extra-pulmonary tuberculosis, HIV/AIDS, echinococcus, schistosomiasis, filariasis, rheumatic valvular heart disease, cardiomyopathy and lung infections. All faculty have ultrasound expertise and significant experience in point-of-care ultrasound in resource limited settings. Hands-on faculty to participant ratio will be 1 to 5 to insure everyone gets ample opportunity to practice hand-on scanning using live models.

**Course Schedule**

| <b>Saturday, November 12, 12:30 – 5 pm</b> |   |
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| 12:30 – 12:45 pm                           | <b>Introduction to Ultrasound and Course Logistics – Hands on Scanning</b><br>Walter (Ted) F. Kuhn, MD, RDMS, FASTMH<br>Received a CTropMed®<br><i>Medical College of Georgia</i><br><i>Augusta University</i><br><i>Augusta, Georgia</i> |
| 12:45 – 1:15 pm                            | <b>FAST- Focused Assessment with Sonography for Trauma – Hands on Scanning</b><br>Richard Gordon, MD<br><i>Medical College of Georgia</i><br><i>Augusta University</i><br><i>Augusta, Georgia</i>   |
| 1:15 – 1:45 pm                             | <b>Renal – Hands on Scanning</b><br>Richard Gordon, MD  |
| 1:45 – 2:15 pm                             | <b>Liver – Hands on Scanning</b><br>Lee LaRavia, DO<br><i>Medical College of Georgia</i><br><i>Augusta University</i><br><i>Augusta, Georgia</i>  |
| 2:15 – 2:45 pm                             | <b>Spleen – Hands on Scanning</b><br>Lee LaRavia, DO  |

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| 2:45 – 3 pm | Break  |
| 3 – 3:30 pm | <b>FASH – Focused Assessment with Sonography for HIV-TB</b><br>Thomas Heller, MD<br><i>Kamuzu Central Hospital<br/>Lilongwe, Malawi</i>        |
| 3:30 – 4 pm | <b>Echinococcus</b><br>Enrico Brunetti, MD<br><i>IRCCS San Matteo Hospital Foundation-University of Pavia.<br/>Pavia, Italy</i>                |
| 4 – 4:30 pm | <b>Schistosomiasis</b><br>Daniel Kaminstein, MD, DTM&H, FACEP<br><i>Medical College of Georgia<br/>Augusta University<br/>Augusta, Georgia</i> |
| 4:30 – 5 pm | <b>Tropical Echocardiography</b><br>Matthew Lyon, MD, FACEP<br><i>Medical College of Georgia<br/>Augusta University<br/>Augusta, Georgia</i>   |
| 5 pm        | Attendee Reception   |

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## Course Schedule

| <b>Sunday, November 13, 7 am – 5 pm</b> |  |
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| 7 – 7:45 am                             | Networking Breakfast   |
| 7:45 – 8:45 am                          | <b>Cardiac – Hands on Scanning</b><br>Matthew Lyon, MD, FACEP  |
| 8:45 – 9:45 am                          | <b>Abdominal Vasculature – Hands on Scanning</b><br>Jedidiah Ballard, DO<br><i>Medical College of Georgia<br/>Augusta University<br/>Augusta Georgia</i> |
| 9:45 - 10 am                            | Break  |
| 10 – 10:30 am                           | <b>Liver Abscess</b><br>Enrico Brunetti, MD  |
| 10:30 – 11 am                           | <b>Filariasis</b><br>Francesca Tamarozzi, DVM, MD, PhD<br><i>University of Pavia<br/>Pavia, Italy</i>  |
| 11 – 11:30 am                           | <b>Cirrhosis Made Simple</b><br>Thomas Heller, MD  |
| 11:30 am - Noon                         | <b>Tropical Ultrasound Research</b><br>Francesca Tamarozzi, DVM, MD, PhD   |
| Noon – 1:30 pm                          | Lunch on your own  |
| 1:30 – 3 pm                             | <b>DVT and Procedure Workshop</b>  |

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|             | Eric Zevallos, MD<br><i>Medical College of Georgia<br/>Augusta University<br/>Augusta, Georgia</i>  |
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| 3 – 3:30 pm | Break   |
|             |   |
| 3:30 – 4 pm | <b>Ultrasound Logistics</b><br>Walter (Ted) F. Kuhn, MD, RDMS, FASTMH<br>Received a CTropMed®   |
| 4 – 4:30 pm | <b>Cases #1</b><br>Thomas Heller, MD<br>Daniel Kaminstein MD, DTM&H, FACEP  |
| 4:30 – 5 pm | <b>Panel Discussion</b><br>Enrico Brunetti, MD<br>Thomas Heller, MD<br>Daniel Kaminstein MD, DTM&H, FACEP<br>Walter (Ted) F. Kuhn, MD, RDMS, FASTMH<br>Received a CTropMed® |
| 5 pm        | Course Adjourns   |