**MSK ULTRASOUND BASIC REFRESHER COURSE**

**DAY 1**

7 effective hours

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| **Time schedule** | **Program** |
| 8:15-8:45 | Reception and registration |
| 8:45-9:00 | Welcome, general Introduction & program.   * Hands-on scanning positions conform to ESSR protocol. * Tool card: 3 x 4 scanning quality & 2 x 4 pathology checklist. * 3 participant per US device:   1. Scanner   2. Image optimization   3. SonoAnatomy * Coach each other, tutors will give feedback and help out if needed. |
| 9:00-9:15 | Refreshing US definitions, common pitfalls & artefacts. |
| 9:15-9:45 | **Interactive dynamic duo presentation:**  Basic (10 ESSR) scanning positions (+ camera), (sono-) anatomy & basic pathology during live demo protocol shoulder max 30 min. |
| **9:45-10:00** | **Coffee break** |
| 10:00-12:00 | Hands-on practice shoulder (2 hours) |
| **12:00-13:00** | **Lunch buffet** |
| 13:00-13:30 | **Interactive dynamic duo presentation:**  Basic (10 ESSR) scanning positions (+ camera), (sono-) anatomy & basic pathology during live demo protocol elbow max 30 min. |
| 13:30-15:00 | Hands-on practice elbow (1,5 hour) |
| 15:00-15:30 | **Interactive dynamic duo presentation:**  Basic (13 ESSR +5 hand) scanning positions (+ camera), (sono-) anatomy & basic pathology during live demo protocol wrist & hand max 30 min. |
| **15:30-15:45** | **Tea break** |
| 15:45-17:45 | Hands-on practice wrist & hand (2 hours) |
| 17:45-17:00 | Questions and remarks day one |
| **17:00** | **Refreshments @ the hotel bar (not included)** |
| **19:00** | **3 course dinner / buffet.** |

**DAY 2**

6 effective hours

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| **Time schedule** | **Program** |
| 8:45-9:00 | Good morning opening session |
| 9:00-9:30 | **Interactive dynamic duo presentation:**  Basic (9 ESSR) scanning positions (+ camera), (sono-) anatomy & basic pathology during live demo protocol hip max 30 min. |
| 9:30-10:30 | Hands-on practice Hip (1 hour) |
| **10:30-10:45** | **Coffee break** |
| 10:45-11:15 | **Interactive dynamic duo presentation:**  Basic (12 ESSR) scanning positions (+ camera), (sono-) anatomy & basic pathology during live demo protocol knee max 30 min. |
| 11:15-12:45 | Hands-on practice knee (1,5 hour) |
| **12:45-13:30** | **Lunch** |
| 13:30-14:00 | **Interactive dynamic duo presentation:**  Basic (14 ESSR + 5 toes) scanning positions (+ camera), (sono-) anatomy & basic pathology during live demo protocol ankle max 30 min. |
| 14:00-15:30 | Hands-on practice ankle & foot (1,5 hour) |
| 15:30-15:50 | Quiz / questions and remarks: ***Winner gets a ticket USG injection course!*** |
| 15:50-16:00 | Evaluation & closure |
| **16:00** | Drinks after |