



**EURO-MUSCULUS - IX**  
**Musculoskeletal Ultrasound Course**

2-4 November 2018  
Edi Academy, Milano, Italy

**SCIENTIFIC ORGANIZER**

On behalf of EURO-MUSCULUS and USPRM  
Levent Özçakar, MD

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**BASIC**

**2 Nov 2018 Upper limb day**

|       |  |           |
|-------|--|-----------|
| 09.00 | Opening remarks                              |           |
| 09.15 | Musculoskeletal US in PRM.....               | Özçakar   |
| 09.45 | Basic principles and settings.....           | Barotsis  |
| 10.15 | <i>Coffee break</i>                          |           |
| 10.30 | Evaluation of the shoulder.....              | Özçakar   |
| 10.45 | Practice                                     |           |
| 12.30 | <i>Lunch</i>                                 |           |
| 13.30 | Evaluation of the elbow.....                 | Frizziero |
| 13.45 | Practice                                     |           |
| 15.00 | <i>Coffee break</i>                          |           |
| 15.15 | Evaluation of the wrist/hand.....            | Serrano   |
| 15.30 | Practice                                     |           |
| 16.45 | Exemplary pathologies of the upper limb..... | Kara      |
| 17.30 | General discussion                           |           |
| 18.00 | <i>Cocktail</i>                              |           |

**3 Nov 2018 Lower limb day**

|       |  |              |
|-------|--|--------------|
| 09.00 | Evaluation of the hip.....                   | Chang        |
| 09.15 | Practice                                     |              |
| 10.30 | <i>Coffee break</i>                          |              |
| 10.45 | Evaluation of the knee.....                  | Mezian       |
| 11.00 | Practice                                     |              |
| 12.30 | <i>Lunch</i>                                 |              |
| 13.30 | Evaluation of the ankle/foot.....            | Wu           |
| 13.45 | Practice                                     |              |
| 15.00 | <i>Coffee break</i>                          |              |
| 15.15 | Exemplary pathologies of the lower limb..... | Gürçay       |
| 16.30 | Scholarly publishing.....                    | Franchignoni |
| 17.15 | Writing a manuscript.....                    | Özçakar      |
| 18.00 | Closing                                      |              |

**ADVANCE**

**2 Nov 2018 Nerve day**

|       |   |          |
|-------|---|----------|
| 09.00 | Opening remarks                                 |          |
| 09.15 | Musculoskeletal US in PRM.....                  | Özçakar  |
| 09.45 | Basic principles and settings.....              | Barotsis |
| 10.15 | <i>Coffee break</i>                             |          |
| 10.30 | Sonographic tracking for upper limb nerves..... | Coraci   |
| 11.00 | Sonographic tracking for lower limb nerves..... | Wu       |
| 11.30 | Sonographic tracking for trunk nerves.....      | Chang    |
| 12.30 | <i>Lunch</i>                                    |          |
| 13.30 | Practice  |          |
| 15.00 | <i>Coffee break</i>                             |          |
| 15.30 | Practice  |          |
| 18.00 | <i>Cocktail</i>                                 |          |

**3 Nov 2018 Muscle (spasticity) day**

|       |  |              |
|-------|--|--------------|
| 09.00 | Spasticity - Basic concepts .....      | Picelli      |
| 09.45 | EURO-MUSCULUS/USPRM Approach.....      | Kaymak       |
| 10.30 | <i>Coffee break</i>                    |              |
| 10.45 | Imaging of the upper limb muscles..... | Kara         |
| 11.30 | Imaging of the lower limb muscles..... | Gürçay       |
| 12.30 | <i>Lunch</i>                           |              |
| 13.30 | Practice (upper limb)                  |              |
| 15.00 | <i>Coffee break</i>                    |              |
| 15.15 | Practice (lower limb)                  |              |
| 16.30 | Scholarly publishing.....              | Franchignoni |
| 17.15 | Writing a manuscript.....              | Özçakar      |
| 18.00 | Closing                                |              |

**BASIC & ADVANCE**

**4 Nov 2018 Intervention day**

|       |   |           |
|-------|---|-----------|
| 09.00 | Interventional US (lecture).....                          | Özçakar   |
| 09.30 | Practice  |           |
| 10.30 | <i>Coffee break</i>                                       |           |
| 10.45 | Injections for the spine (lecture).....                   | Chang     |
| 11.15 | Practice  |           |
| 12.30 | <i>Lunch</i>  |           |
| 13.30 | Imaging for swallowing problems (lecture).....            | Wu        |
| 13.55 | Imaging for peripheral nerve diseases (lecture).....      | Coraci    |
| 14.20 | Imaging for rheumatic diseases (lecture).....             | Iagnocco  |
| 14.45 | <i>Coffee break</i>                                       |           |
| 15.00 | Imaging for sarcopenia (lecture).....                     | Minetto   |
| 15.25 | Imaging for sports injuries (lecture).....                | Frizziero |
| 15.50 | Imaging for spasticity (lecture).....                     | Picelli   |
| 16.15 | Imaging for chronic migraine interventions (lecture)..... | Akıncı    |
| 16.40 | Closing remarks   |           |