

## Ischemic Stroke November 4 – November 8, 2024

Course Director: Prof. Antonín Krajina

### Monday, November 4, 2024

|                      |  |             |
|----------------------|--|-------------|
| 13.30 – 14.00        | Introduction, goal EXMINT, ESMINT, EBNI          | A. Krajina  |
| 14.00 – 14.30        | The status of stroke treatment in Europe         | D. de Sousa |
| 14.30 – 15.00        | The penumbra koncept                             | J. Fiehler  |
| 15.00 – 15.30        | Pathophysiology of stroke                        | D. de Sousa |
| <b>15.30 – 16.00</b> | <b>Break</b>                                     |             |
| 16.00 – 16.30        | How to optimize radiation dose in stroke therapy | A. Krajina  |
| 16.30 – 17.00        | Time is brain - or not                           | J. Fiehler  |
| 17.00 – 17.30        | Clinical diagnosis                               | D. de Sousa |

## Tuesday, November 5, 2024

|                      |  |              |
|----------------------|--|--------------|
| 8.30 – 9.00          | Mimics and uncommon stroke causes                            | D. de Sousa  |
| 9.00 – 9.30          | Clinical patient selection for IVT                           | P. Mordasini |
| 9.30 – 10.00         | Clinical patient selection for EVT                           | J. Fiehler   |
| 10.00 – 10.30        | On and off label IVT treatment                               | P. Mordasini |
| <b>10.30 – 11.00</b> | <b>Break</b>   |              |
| 11.00 – 11.30        | Patient referral, triage and transport, your local situation | D. de Sousa  |
| 11.30 – 12.00        | Thrombectomy trial design and interpretation                 | J. Fiehler   |
| 12.00 – 12.30        | Common stroke causes   | P. Mordasini |
| <b>12.30 – 13.30</b> | <b>Break</b>   |              |
| 13.30 – 14.00        | Arch anatomy   | I. Szikora   |
| 14.00 – 14.30        | Medical treatment for stroke prevention                      | O. Volný     |
| 14.30 – 15.00        | Setting up a center  | I. Szikora   |
| <b>15.00 – 15.30</b> | <b>Break</b>   |              |
| 15.30 – 16.00        | Bridging or not in the light of recent studies               | I. Szikora   |
| 16.00 – 16.30        | Mechanical thrombectomy: technical overview                  | A. Krajina   |
| 16.30 – 17.30        | Test of the day  | A. Krajina   |

## Wednesday, November 6, 2024

|                      |  |                  |
|----------------------|--|------------------|
| 8.30 – 9.00          | Non enhanced CT and CTA in acute stroke                                | L. Jacobi-Postma |
| 9.00 – 9.30          | TICI scores and others   | T. Liebig        |
| 9.30 – 10.00         | Perfusion imaging technique and background                             | L. Jacobi-Postma |
| 10.00 – 10.30        | Collateral pathways  | T. Liebig        |
| <b>10.30 – 11.00</b> | <b>Break</b>   |                  |
| 11.00 – 11.30        | Access (femoral, brachial, radial, direct carotid)                     | T. Liebig        |
| 11.30 – 12.00        | Practical native CT and CTA interpretation                             | A. Krajina       |
| 12.00 – 12.30        | Clot composition   | S. de Meyer      |
| <b>12.30 – 13.30</b> | <b>Break</b>   |                  |
| 13.30 – 14.00        | Clot imaging   | S. de Meyer      |
| 14.00 – 14.30        | Medicamentous therapy during and after EVT IA lytics, heparin, aspirin | A. Krajina       |
| 14.30 – 15.00        | MRI in acute stroke  | P. Cimflová      |
| <b>15.00 – 15.30</b> | <b>Break</b>   |                  |
| 15.30 – 16.00        | What did the trials show us  | P. Cimflová      |
| 16.00 – 16.30        | Aspiration technique   | A. Šnajdrová     |
| 16.30 – 17.30        | Test of the day  | A. Krajina       |

## Thursday, November 7, 2024

|                      |   |              |
|----------------------|---|--------------|
| 8.30 – 9.00          | Balloon guide catheter  | T. Andersson |
| 9.00 – 9.30          | Neurovascular anatomy anterior circulation 1                                      | A. C. Januel |
| 9.30 – 10.00         | Neurovascular anatomy anterior circulation 2                                      | A. C. Januel |
| 10.00 – 10.30        | Neurovascular anatomy posterior circulation 1                                     | T. Andersson |
| <b>10.30 – 11.00</b> | <b>Break</b>  |              |
| 11.00 – 11.30        | Neurovascular anatomy posterior circulation 2                                     | T. Andersson |
| 11.30 – 12.00        | Neurovascular anatomy and topographic clinical correlations:<br>anatomy of stroke | A. Krajina   |
| 12.00 – 12.30        | Perfusion imaging interpretation  | A. C. Januel |
| <b>12.30 – 13.30</b> | <b>Break</b>  |              |
| 13.30 – 14.00        | Elementar technical problems in mechanical thrombectomy                           | A. Krajina   |
| 14.00 – 14.30        | The role of the AI in the management of stroke patients                           | K. Zeleňák   |
| 14.30 – 15.00        | Coaxial and multiaxial navigation technique                                       | F. Cihlár    |
| <b>15.00 – 15.30</b> | <b>Break</b>  |              |
| 15.30 – 16.00        | How to increase the first pass recanalisation                                     | A. Krajina   |
| 16.00 – 16.30        | General anesthesia yes or no  | J. Škola     |
| 16.30 – 17.30        | Test of the day   | A. Krajina   |

## Friday, November 8, 2024

|                    |   |              |
|--------------------|---|--------------|
| 8.30 – 9.00        | Logistics of a patient with suspected large vessel occlusion outside hospital | A. Krajina   |
| 9.00 – 9.30        | Patient logistics inside hospital   | T. Andersson |
| <b>9.30 – 9.40</b> | <b>Break</b>  |              |
| 9.40 – 10.00       | Preparation for the test  | A. Krajina   |
| 10.00 – 11.30      | Final test  |              |

Please note: This program is provisional and timings may change.