2nd S\textsuperscript{e}ENS International Neurosurgical Course

“Walking the silk road”

Zagreb, Croatia, August 22 - 24\textsuperscript{th} 2019
Dear Colleagues,

we are proud to invite You to participate at the 2nd Southeast Europe Neurosurgical Society (SeENS) International Neurosurgical Course in Zagreb, Croatia.

The Course topics will reflect the rapid development and continuous breakthrough in the field of Neurotraumatology and functional Neurosurgery. We will discuss standards of treatment from research to clinical practice and new technology. Therefore we are planning a very interesting and diverse program.

This Course is going to take place in the heart of Zagreb, the capital city of the European Union 28th star – Croatia. The beautiful city of Zagreb offers so many attractions to visit in order to strengthen our friendship and exchange experience during the social events. Welcome to Zagreb, Croatia!

President of Organizing committee
Professor Krešimir Rotim
PROGRAM:

Thursday, 22nd August 2019

20:00 Opening Reception and Dinner (Faculty) Venue: To Be Announced (TBA)

Friday, August 23rd 2019

08:30 - 08:45 Opening Remarks
K. Rotim, L. Rasulic, İ. Solaroğlu

08:45 - 09:00 Traumatic brain injury (TBI); Description, classification, scores, Glasgow Coma Scale
Thariq Khan, Pakistan

09:00 - 09:15 Increased intracranial pressure and secondary brain injury
Lukas Rasulić, Serbia

09:15 - 09:30 Imaging in Neurotrauma
Ivo Đumić Čule, Croatia

09:30 - 09:45 Algorithm in acute cranial trauma
Kenan Arnautović, USA

09:45 - 10:00 Discussion and Questions, Case presentation
Domagoj Gajski, Croatia

10:00 - 10:30 Coffee Break

10:30 - 10:45 Cerebral Herniation Syndromes
Krešimir Rotim, Croatia

10:45 - 11:00 Adult minor cranial trauma and its management
Antonino Germano, Italy

11:00 - 11:15 Pediatric minor cranial trauma and its management
Wuttipong Tirakotai, Thailand

11:15 - 11:30 Traumatic brain injury in the older generation and coagulopathy
Charles Branch, USA

11:30 - 11:45 Discussion and Questions, Case presentation
Ilijana Šumonja, Croatia

11:45 - 12:30 Honorary Lecturer TBA
Solaroglu I, Rasulic L

12:30 - 14:00 LUNCH

14:00 - 14:15 Skull fractures; Description, etiology, management, outcome
Bruno Splavski, Croatia

14:15 - 14:30 Acute subdural / epidural hematomas: Description, etiology, management, outcome
Andras Buki, Hungary

14:30 - 14:45 Traumatic intracerebral hematomas: Description, etiology, management, outcome
Ihsan Solaroglu, Turkey

14:45 - 15:00 Chronic subdural hematomas
Ibrahim Omerhodžić, B&H

15:00 - 15:15 Discussion and Questions, Case presentation
Ilijana Šumonja, Croatia
Friday, August 23rd 2019

Session 4: Kenan Arnautović, USA
15:15 - 15:30 Diffuse axonal injury
Tariq Khan, Pakistan
15:30 - 15:40 Decompressive Craniotomies
Stefan Florian, Romania
15:40 - 15:50 Gunshot and penetrating cranial traumas: Description, etiology, management, outcome
Tomislav Sajko, Croatia
15:50 - 16:00 Traumatic craniocervical vascular injuries: Description, etiology, management, outcome
Petar Vuleković, Serbia
16:00 - 16:10 Early and late complications of cranial trauma
Stefan Florian, Romania
16:10 - 16:25 Discussion and Questions, Case presentation
Domagoj Gajski, Croatia

16:25 - 16:55 Coffee Break

Session 5: Andras Buki, Hungary
16:55 - 17:05 Traumatic brain injury: novel studies and recent management algorithms
Bruno Splavski, Croatia
17:05 - 17:15 CSF leak following cranial trauma: diagnosis and management
Petar Vuleković, Serbia
17:15 - 17:25 Traumatic lesions of the peripheral nervous system
Lukas Rasulić, Serbia
17:25 - 17:40 Basics of neuroanesthesia (ventilation, hypothermia) and ICU in major cranial trauma
Inga Mladić Batinica, Croatia
17:40 - 17:50 Brain Death: Diagnosis and Criteria
Marina Zmajević, Croatia
17:50 - 18:00 Discussion and Questions, Case presentation
Ilijana Šumonja, Croatia

18:00 - 19:45 Zagreb – City sightseeing

20:00 - 22:00 Reception at Mayor’s Palace „Dverce“, Upper town Zagreb

22:00 - 00.00 Welcome party, Venue: TBA
2nd SENS International Neurosurgical Course
Zagreb, August 22 - 24th 2019

PROGRAM:
Saturday, 24th August 2019

Session 6: Kostas Fountas, Greece
08:00 - 08:15 Surgical anatomy of the Limbic system
Tomislav Sajko, Croatia
08:15 - 08:25 Classification of epilepsy, antiepileptic drugs, semiology and principles of basic EEG
Marina Zmajević Schoenwald, Croatia
08:25 - 08:35 Neuroimaging in epilepsy
Ivo Dumić Ćale, Croatia
08:35 - 08:50 Discussion and Questions, Case presentation
Domagoj Gajski, Croatia

Session 7: Tomislav Sajko, Croatia
09:00 - 09:15 Preoperative work-up: non-invasive and invasive tests
Darko Chudy, Croatia
09:15 - 09:25 Surgical treatment in medically intractable epilepsy
Tomislav Sajko, Croatia
09:25 - 09:40 Temporal lobe surgery in epilepsy
Kostas Fountas, Greece
09:40 - 09:50 Extratemporal lobectomies and lesionectomies
Tomislav Sajko, Croatia
09:50 - 10.00 Discussion and Questions, Case presentation
Ilijana Šumonja, Croatia

10:00 - 10:30 Coffee Break

Session 8: Ihsan Solaroglu, Turkey
10:30 - 10:40 Disconnection surgeries (callosotomy, hemisferotomy and etc.)
Kostas Fountas, Greece
10:40 - 10:55 Vagal nerve stimulation (VNS)
Wuttipong Tirakotai, Thailand
10:55 - 11:10 Parkinson’s disease: Description, pathology, medical treatment, surgery, deep brain stimulation
Darko Chudy, Croatia
11:10 - 11:20 Tremor and dystonia: Description, pathology, medical treatment, surgery, deep brain stimulation
Darko Chudy, Croatia
11:20 - 11:30 Discussion and Questions, Case presentation
Domagoj Gajski, Croatia

UNIVERSITY OF APPLIED HEALTH SCIENCES, Mlinarska street 38, Zagreb, Croatia
Saturday, 24th August 2019

Session 9: Lukas Rasulić, Serbia
11:35 - 11:45 What is pain?: Nociceptive and neuropathic pain, Description, pathology, medical treatment, surgery
Lukas Rasulić, Serbia
11:45 - 11:55 Chronic pain: Description, pathology and neurostimulation
Antonino Germano, Italy
11:55 - 12:10 Trigeminal neuralgia: Description, pathology, medical treatment, surgery
Stefan Florian, Romania
12:10 - 12:20 Spasticity: Classification, medical treatment, intrathecal baclofen, surgery
Ibrahim Omerhodžić, B&H
12:20 - 12:30 Hemifacial spasm spazm: Description, pathology, medical treatment, surgery
Wuttipong Tirakotai, Thailand
12:30 - 12:40 Discussion and Questions, Case presentation
Ilijana Šumonja, Croatia

12:40 - 14:00 LUNCH

Session 10: Antonino Germano, Italy
14:00 - 14:15 Gammaknife in Functional Neurosurgery
Darko Chudy, Croatia
14:15 - 14:25 Cordotomy
Ihsan Solaroglu, Turkey
14:25 - 14:40 Spinal infections
Kenan Arnautović, USA
14:40 - 14:55 Cranial infections
Bruno Splavski, Croatia
14:55 - 15:05 Intraparenchymal brain abscess
Ibrahim Omerhodžić, B&H
15:05 - 15:20 Discussion and Questions, Case presentation
Domagoj Gajski, Croatia

15:20 - 16:00 Coffee Break

16:15 - 17:00 Case/Video Discussion Session I
K. Rotim, T. Sajko
HALL A Head Trauma K. Rotim, Croatia
HALL B Amygdalohippocampectomy T. Sajko, Croatia

17:15 - 18:00 Case/Video Discussion Session II
K. Arnautović, D. Chudy
HALL A Trigeminal Neuralgia D. Chudy, Croatia
HALL B Parkinson’s Disease D. Chudy, Croatia

18:15 Closing ceremony All Faculty
18:30 Course feedback All Faculty
President of Organizing committee
Professor Krešimir Rotim

President of SeENS
Professor Lukas Rasulić

Course Co-director
Asist Prof Tomislav Sajko
Professor Ihsan Solaroglu

Organizing committee:
Domagoj Gajski, Ilijana Šumanja, Filip Vrban, Ante Rotim

FACULTY

Krešimir Rotim, Croatia
Andreas Buki, Hungary
Ihsan Solaroglu, Turkey
Marina Zmajević Schönwald, Croatia

Lukas Rasulić, Serbia
Ibrahim Omerhodžić, Bosnia
Darko Chudy, Croatia

Kenan Arnaoutović, USA
Antonino Germano, Italy
Ivo Dumić Čule, Croatia

Stefan Florian, Romania
Konstantinos Fountas, Greece
Inga Mladić Batinica, Croatia

Tariq Khan, Pakistan
Charles Branch, USA
Bruno Splavski, Croatia

Wuttipong Tirakotai, Thailand
Konstantinos Fountas, Greece
Tomislav Sajko, Croatia

Petar Vuleković
Serbia
COURSE VENUE