



WFNS Education course, Novosibirsk, November 14-16, 2017

International Faculty

Yuhai Bao, China

Concezio Di Rocco, Germany

Ling Feng, China

Patrick Martens, France

Christian Raftopoulos, Belgium

Ririko Takeda, Japan

Yong-Kwang Tu, Taiwan

Tai Ton Wong, Taiwan

Maurice Choux, France

Yavor Enchev, Bulgaria

Satoshi Kuroda, Japan

Kentaro Mori, Japan

Lukas Rasulic, Serbia

Rokuya Tanikawa, Japan

Keki E Turel, India

Local Faculty

Yury A. Shulev, St.-Petersburg, Russia

Yury Kushel, Moscow

Natalia A. Polunina, Moscow

Aleksandr Kim, St.-Petersburg

ORGANIZER: World Federation of Neurosurgical Societies (WFNS)

CO-ORGANIZERS:

Federal Neurosurgical Center (Novosibirsk);

SIBNEURO (Siberian Association of Neurosurgeons, Novosibirsk);

Novosibirsk State University;

Association of Russian Neurosurgeons.

LOCAL ORGANIZERS:

Jamil A Rzaev

German Letyagin

Andrey Dubovoy

Ksenia Pavlova

Irina Geyne

Inna Pashnina

Vladimir Klimov

Sergey Chernov

Aleksandr Dmitriev

Micael Rzaev

Yuri Kharatashvili

DAY ONE (14 November 2017)

08.30- 09.00 Welcome, Presentation of the course

Session I

09.30 -10.30

Chairmen: A.Dubovoy, Rokuya Tanikawa

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|-------------|--|--------------------------|
| 09.30-09.50 | Strategies in the mangements of intracranial artero-venous malformations | <i>Y-H Tu, Taiwan</i> |
| 09.50-10.10 | Less invasive transcisternal approach for aneurysm | <i>R Tanikawa, Japan</i> |
| 10.10-10.30 | Results of neck clipping and intraneurysmall thrombectomy for partially thrombosed giant aneurysm compressing brain stem | <i>R. Takeda, Japan</i> |

10.30-10.50 *Coffee Break*

Session II

11.00-13.00

Chairmen: F Ling, Yong-Kwang Tu

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|-------------|---|--------------------------|
| 10.50-11.10 | Vascular reconstructions for complex aneurysm | <i>R Tanikawa, Japan</i> |
| 11.10-11.30 | High extracranial-intracranial bypass surgery | <i>Y-H Tu, Taiwan</i> |
| 11.40-12.00 | Strategy and tactics of bypass surgery for moyamoya disease | <i>S.Kuroda, Japan</i> |
| 12.00-12.20 | Repeat bypass surgery for moyamoya disease refractory to previous surgery | <i>S.Kuroda, Japan</i> |
| 12.20-12.40 | Carotid endarterectomy | <i>K Turel, India</i> |
| 12.40-13.00 | Discussion | |
- 13.00-14.00 *Lunch***

Session III FUNCTIONAL

14.00-15.20

Chairmen: Jamil Rzaev, Yavor Enchev

14.00-14.20	Management of chronic pain	<i>P Mertens, France</i>
14.20-14.40	Microvascular decompression for trigeminal neuralgia and facial spasms	<i>Y Bao, China</i>
14.40-15.00	Facial pain surgery	<i>J.Rzaev, Russia</i>
15.00-15.20	Harmful spasticity	<i>P Mertens, France</i>
15.29-15.40	Brachial plexus surgery	<i>L Rasulic, Serbia</i>
15.40-16.00	Coffee Break	

Session IV HYDROCEPHALUS SYMPOSIUM

Sponsored by Storz and Surgiwear

16.00-18.30

Changing in the surgical approach	20'	<i>C Di Rocco</i>
How to perform a V-P shunt	20'	<i>M Choux</i>
How to perform ETV	20'	<i>C Di Rocco</i>
Hands on	90`	

DAY II (15 November 2017)

Session V SPINE

08.30-10.10

Chairmen: Keki Turel, Patrick Mertens

08.30-08.50	Management of lumbar canal stenosis	<i>K Turel, India</i>
08.50-09.10	Minimal invasive lumbar surgery with neuronavigation based on intraoperative robotic 3D fluoroscopy	<i>C Raftopoulos, Belgium</i>
09.10-09.30	Intraoperative ultrasonography in decompressive lumbar surgery	<i>Y.Enchev, Bulgaria</i>
09.30-09.50	Anterior cervical foraminotomy (ACF) as a method of choice for cervical radiculopathy treatment	<i>Y.Shulev, Russia</i>
09.50-10.10	Intramedullary spinal cord tumors	<i>Y.Kuszel, Russia</i>
10.10-10.30	Spinal AVM classification	<i>F Ling, China</i>
10.30-10.50	Coffee break	

Session VI VASCULAR II

10.50-12.30

Chairmen: Yuri Shulev, Christian Raftopoulos

10.50-11.10	Risk assessment of intracranial aneurysms rupture	<i>N.Polunina, Russia</i>
11.10-11.30	Key-hole strategy for cerebral aneurysms	<i>K Mori, Japan</i>
11.30-11.50	Microsurgical treatment of complex cerebral aneurysms	<i>N.Polunina, Russia</i>
11.50-12.10	Surgical management of middle cerebral aneurysms in a multidisciplinary group	<i>C Raftopoulos, Belgium</i>
12.10-12.30	Tips, biases and pitfalls in distal trans-sylvian key-hole approach for MCA aneurysms	<i>R Takeda, Japan</i>
12.30-12.50	Combined treatment of spinal cord AVM	<i>F Ling, China</i>

Session VII TUMORS I

12.50-13.30

Chairmen: Maurice Choux, Aleksandr Kim

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|-------------|--|-------------------------------|
| 12.10-12.30 | Surgical approaches of deep seated tumors with demonstration of surgical anatomy | <i>Y Bao, China</i> |
| 12.30-12.50 | Impact of intraoperative MRI on glioblastoma surgery and survival | <i>C Raftopoulos, Belgium</i> |
| 12.50-13.10 | Management of pediatric craniopharyngiomas | <i>C. Di Rocco, Germany</i> |

13.30-14.30 Lunch

SOCIAL

DAY THREE (16 November 2017)

Session VIII TUMORS II

08.30-10.30

Chairmen: C.Di Rocco, A.Konovalov (?)

08.30-08.50	Application of key-hole surgery concept to pediatric Neurosurgery	<i>Y.Kuszel, Russia</i>
08.50-09.10	Management of pediatric craniopharyngiomas	<i>C. Di Rocco, Germany</i>
09.10-09.30	Management of skull base tumors	<i>K.Mori, Japan</i>
09.30-09.50	Surgical approach to pineal tumors	<i>J.Rzaev, Russia</i>
09.50-10.10	Advances in management of medulloblastomas	<i>M.Choux, France</i>
10.10-10.30		<i>A. Konovalov, Russia</i>

10.30-10.50 Coffee break

Session IX TUMORS III

10.50-13.00

Chairmen: Tai Ton Wong, L Rasulic

10.50-11.20		<i>A Konovalov, Russia</i>
11.20-11.40	Brain stem tumors	<i>M. Choux, France</i>
11.40-12.00	Sphenoid wing meningioma	<i>K.Turel, India</i>
12.00-12.20	Large vestibular schwannomas: how to manage in 2017	<i>Ch Raftopoulos, Belgium</i>
12.20-12.40	Management of germ cell tumors	<i>TT Wong, Taiwan</i>
12.40-13.00	Management of children with recurrence of cerebral neuroepithelial tumors	<i>A.Kim, Russia</i>

13.00-14.00 Lunch

Session X TRAUMA/PEDIATRICS

14.00-16.00

Chairmen: Yuhai Bao, Y.Kuszel

14.00-14.20	Damaging factors and mechanisms of blast-related craniocerebral injuries	<i>Y.Shulev, Russia</i>
14.20-14.40	Surgical management of epilepsy in children	<i>TT Wong, Taiwan</i>
14.40-15.00	The role of the neurosurgeon in phacomatosis	<i>C.Di Rocco, Germany</i>
15.00-15.20	Chiari type I and II	<i>A.Kim, Russia</i>
15.20-15.40	Safety precautions in neurosurgery	<i>Y.Enchev, Bulgaria</i>
15.40-16.00	<i>L.Rasulic, Serbia</i>

16.00-16.30 Farewell

Yuhai Bao, China
Maurice Choux , France
Concezio Di Rocco, Germany
Yarov Enchev, Bulgaria
Ling Feng, China
Satoshi Kuroda , Japan
Patrick Martens, France
Kentaro Mori, Japan
Christian Raftopoulos, Belgium
Ririko Takeda, Japan
Lukas Rasulic
Rokuya Tanikawa, Japan
Yong-Kwang Tu, Taiwan
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