



HOSPITAL REGIONAL
UNIVERSITARIO DE MÁLAGA



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SENEC
SOCIEDAD ESPAÑOLA DE NEUROCIRUGÍA



WFNS ADVANCED COURSE

100 Years of Neurological Surgery

Malaga, February 6-8, 2019



LOCAL ORGANISERS:
Department of Neurosurgery
Carlos Haya Hospital & University of Malaga
Miguel A. Arraez

Join the best of Global
Neurosurgery!

Malaga Advanced Course
100 YEARS OF NEUROLOGICAL SURGERY

Join the best of Global Neurosurgery!

ABBREVIATED PROGRAM

WFNS MALAGA ADVANCED COURSE Malaga, February 6-8, 2019					
PROGRAM					
WEDNESDAY, FEB 6		THURSDAY, FEB 7		FRIDAY, FEB 8	
08:00	REGISTRATION				
08:25	WELCOME				
08:30	BRAIN TUMORS & SKULL BASE	08:30-10:30	SELLAR TUMORS &	08:30-10:00	IO-MRI / VASCULAR
10:00-10:30	Coffee			10:00-10:30	Coffee
10:30-13:00	BRAIN TUMORS & SKULL BASE	10:30-11:00	Coffee	10:30-12:30	100 YEARS OF NEUROLOGICAL SURGERY
		11:00-13:00	FUNCTIONAL & NEW TECHNOLOGIES.		
13:00-13:30	OPENING CEREMONY	13:00-14:30	Lunch	12:30	CLOSING REMARKS
13.30-15.00	Lunch	14:30-16:00	PEDIATRICS		
15.00-16.30	SPINAL CORD & TRAUMATIC BRAIN INJURY	16:00-16:30	Coffee		
16:30-17:00	Coffee	16:30-18:00	GLOBAL NEUROSURGERY		
17:00-18:30	SPINE				
20:00	Town Hall Reception. Ayuntamiento de Málaga.	20:00	Networking cocktail. AC Málaga Palacio Hotel Terrace.		

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PRESENTATION

Dear friends:

WFNS is the mother organization in Neurosurgery, gathering more than 49.000 neurosurgeons from all around the world belonging to 130 societies. In 2019, the business meeting of the WFNS and WFNS-Foundation will take place in Malaga, giving a wonderful opportunity to hold the aforementioned WFNS Advanced Course to be addressed to Spanish neurosurgeons. At the same time we will also celebrate the 100th birthdate of the Neurological Surgery, discipline that officially come up exactly one century ago.

The leaders of the World Federation of Neurosurgical Societies will come to visit Spain. Thus, more than 45 worldwide recognized neurosurgeons that will come from all continents to share their knowledge and experience with the Spanish neurosurgeons. Lectures will cover a great variety of topics including history, Global Neurosurgery and of course the hottest and more vibrant aspects of the current neurosurgical practice.

The course will be also a fundraising activity as unexpended funds will be donated to WFNS Foundation. Having among us the finest expression of world neurosurgeons constitutes a unique opportunity.

Welcome to Malaga and enjoy this meeting!



Franco Servadei
President, WFNS



Miguel A. Arráez
Chairman, WFNS Foundation
Local Organiser

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COMMITTEE OF HONOR

EXCMO. SR. D. JESUS AGUIRRE MUÑOZ
Consejero de Salud de la Junta de Andalucía

EXCMO. SR. D. FRANCISCO DE LA TORRE PRADOS
Alcalde de la ciudad de Malaga

EXCMO. SR. D. JOSE ANGEL NARVAEZ BUENO
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DR. D. CARLOS BOTELLA ASUNCION
Presidente de la Sociedad Española de Neurocirugia (SENEC)

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INTERNATIONAL FACULTY

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ARMANDO BASSO.....	Honorary President, WFNS.....	Argentina
BASANT MISRA.....	2nd Vicepresident, WFNS.....	India
CHRISTOPHER LOFTUS.....	1st Vicepresident, WFNS.....	USA
DAVID ADELSON.....	Coordinator of Committee Activities, WFNS.....	USA
EDGARDO SPAGNOLO.....	2nd Vicepresident, WFNS.....	Uruguay
EKA WAHJOEP RAMONO.....	Advisory Board, WFNS Foundation.....	Indonesia
ENRIQUE OSORIO.....	President, 2021 World Congress - WFNS.....	Colombia
CONCEZIO DI ROCCO.....	Advisory Board, WFNS Foundation.....	Italy
FRANCESCO TOMASELLO.....	Honorary President, WFNS.....	Italy
FRANCO SERVADEI.....	President, WFNS.....	Italy
FRED GENTILI.....	Delegate, WFNS.....	Canada
FREDERICK BOOP.....	Chairman, Audit Committee, WFNS.....	USA
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GRAHAM FIEGGEN.....	2nd Vicepresident, WFNS.....	South Africa
HARI CHANDRAN.....	Organiser, 2018 WFNS Symposia.....	Malaysia
HILDO AZEVEDO.....	Honorary President, WFNS.....	Brasil
IMAD KANAN.....	Chairman, Neurosurgical Anatomy Committee, WFNS.....	Saudi Arabia
ISABELLE GERMANO.....	Chairman, Educat. & Training Committee, WFNS.....	USA
KAZADI KALANGU.....	Advisory Board, WFNS Foundation.....	Zimbabwe
KEE B. PARK.....	Advisory Board, WFNS Foundation.....	USA
KEKI TUREL.....	Chairman, Complications in NS Committee, WFNS.....	India
KHANTA RASALINGAM.....	Organiser, 2018 WFNS Symposia.....	Malaysia
MADJID SAMII.....	Honorary President, WFNS.....	Germany
MAHMOOD QURESHI.....	Executive Board, WFNS Foundation.....	Kenya
MARCOS MASINI.....	Secretary, WFNS.....	Brasil
MAURICE CHOUX.....	Honorary President, WFNS Foundation.....	France
MIROSLAV VUKIC.....	2nd Vicepresident, WFNS.....	Croatia
NAJIA EL ABADI.....	Assistant Treasurer, WFNS.....	Morocco
NELSON OYESIKU.....	WFNS Delegate.....	USA
PHILIPPE CORNU.....	Chairman, Stereotactic & Functional Committee, WFNS.....	France
ROBERT DEMPSEY.....	Chairman, Committee International Initiatives, WFNS.....	USA
SCOTT ROBERTSON.....	Executive Board, WFNS Foundation.....	USA
SEBASTIEN FROELICH.....	Chairman, Skull Base Committee, WFNS.....	France
STEPHAN FLORIAN.....	2nd Vicepresident, WFNS.....	Romania
TARIK KHAN.....	Chairman, Neurotrauma Committee, WFNS.....	Pakistan
TITO PERILLA.....	Member, Constitution & By-Laws Committee, WFNS.....	Colombia
YOKO KATO.....	Executive Board, WFNS Foundation.....	Japan
YONG-WANG TU.....	Past- President, WFNS.....	Taiwan



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PROGRAM

Wednesday • Feb 6

08:00 REGISTRATION

08:25 WELCOME – MIGUEL A. ARRAEZ

08:30 - 10:00 BRAIN TUMORS & SKULL BASE

ANIL NANDA, JOSE LUIS GIL-SALU, RAFAEL GARCIA DE SOLA.

- Strategy for safe approach to central skull base meningiomas.
IMAD KANAN.
- Surgical strategies for skull base and cranio-cervical junction chordomas.
SEBASTIEN FROELICH.
- Management strategies for chordoma: role of endoscopic techniques- have they made a difference in outcome?
FRED GENTILI.
- Management of foramen magnum meningioma.
NAJIA EL ABADI.
- Management of intrinsic brainstem tumors.
FREDERICK BOOP.
- Microsurgery for fourth ventricle tumors.
FRANCESCO TOMASELLO.

10:00 - 10:30 Coffee

10:30 - 13:00 BRAIN TUMORS & SKULL BASE

KEKI TUREL, NAJIA EL ABADI, LUIS LEY.

- The supra orbital approach, pituitary tumors and our experience in Harare - Zimbabwe.
KAZADI KALANGU.
- Anterior skull base meningiomas: the role of endoscopic techniques- indications and limitations.
FRED GENTILI.
- Anterior skull meningiomas.
STEPHAN FLORIAN.
- Surgical strategies for large and giant petroclival meningiomas.
SEBASTIEN FROELICH.
- Multi-disciplinary treatment of brain metastases.
ISABELLE GERMANO.
- Brain mapping for tumor in eloquent areas.
ISABELLE GERMANO.

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PROGRAM

Wednesday • Feb 6

13:00 - 13:30

OPENING CEREMONY

13.30 - 15.00

Lunch

15.00 - 16.30

SPINAL CORD & TRAUMATIC BRAIN INJURY

FRANCO SERVADEI, RUBEN MARTIN-LAEZ, GUILLERMO IBAÑEZ.

- Controversies in management of spinal cord trauma.
FRANCO SERVADEI.
- Management of spinal intramedullary tumors: microsurgical techniques, pitfalls and results, based on my personal experience of over 250 cases.
KEKI TUREL.
- IOM and advanced technologies in spinal cord tumors: do we need them?
FRANCO SERVADEI.
- Civilian Cranial Missile Injuries.
TARIQ KHAN.
- Decompressive craniectomy for severe TBI: its role after the RescuelCP.
HILDO AZEVEDO.
- Gunshot wounds to the spine: Cushing's first paper and the experience of our institution.
HILDO AZEVEDO.

16:30 - 17:00

Coffee

17:00 - 18:30

SPINE

ENRIQUE URCULO, CHARO GONZALEZ-RODRIGALVAREZ, ANGEL HORCAJADAS.

- The decision making in spinal surgery.
KANTHA RASALINGHAM.
- Degenerative spine and biological treatments.
TITO PERILLA.
- Craniovertebral junction: trials and tribulations.
ANIL NANDA.
- Role of interspinous devices in lumbar fusions.
SCOTT ROBERTSON.
- Cervical discs / stenosis and anterior versus posterior approaches.
MARCOS MASINI.
- How to deal with complications in spinal surgery?
KEKI TUREL.

20:00

Town Hall Reception. Ayuntamiento de Málaga.

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PROGRAM

Thursday • Feb 7

08:30 - 10:30

SELLAR TUMORS

ARMANDO BASSO, NELSON OYESIKU, MADJED KATATI.

- Craniopharyngiomas in children: a balance view.
CONCEZIO DI ROCCO.
- Craniopharyngiomas: controversies.
MAURICE CHOUX.
- The management of recurrent craniopharyngiomas.
FRED GENTILI.
- Craniopharyngioma: the case for endonasal surgery.
NELSON OYESIKU.
- Challenges in pituitary tumors surgery.
IMAD KAAANAN.
- Multimodality treatment of pituitary tumors.
GAIL ROSSEAU.

10:30 - 11:00

Coffee

11:00 - 13:00

FUNCTIONAL & NEW TECHNOLOGIES

PHILIPPE CORNU, AMR EL-SHAWARBY, JOSE ALMARCHA.

- The surgical and ablative management of trigeminal neuralgia.
HARI CHANDRAN.
- My experience with the multimodal management of trigeminal neuralgia.
ARMANDO BASSO.
- The Dawn and evolution of DREZ-lesioning for pain surgery.
JORGE ALVERNIA & ENRIQUE OSORIO.
- Stereotactic atlases in Functional Neurosurgery.
PHILIPPE CORNU.
- The impact of idea for neurosurgical development.
AHMED AMMAR.
- Medical engineering and robotics in Neurosurgery: Science and Future.
AKIO MORITA.
- Artificial intelligence and deep learning: hype or hope?
ISABELLE GERMANO.

13:00 - 14:30

Lunch

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PROGRAM

Thursday • Feb 7

14:30 - 16:00

PEDIATRICS

MAURICE CHOUX, BIENVENIDO ROS, JOSE HINOJOSA.

- New developments in the understanding of CSF physiology.
MIROSLAV VUKIC.
- Current approach to the patient with spina bifida.
GRAHAM FIEGGEN.
- Advancements in pediatric neurocritical care management.
DAVID ADELSON.
- Chiari Type I: why we should stop to call it a malformation.
CONCEZIO DI ROCCO.
- Craniosynostosis: current trends.
FREDERICK BOOP.
- Advancing technologies for the diagnosis and surgical treatment of pediatric epilepsy.
DAVID ADELSON.

16:00 - 16:30

Coffee

16:30 - 18:00

GLOBAL NEUROSURGERY

CHRISTOPHER LOFTUS, JESUS LAFUENTE, VICTOR GARCIA MARIN.

- The rise of the Global Neurosurgery movement: Why should we care.
KEE B. PARK.
- The WFNS and Global Neurosurgery: Our path to the future through education.
ROBERT DEMPSEY.
- The impact of the WFNS Foundation on neurosurgical development in Sub-Saharan Africa?
MAHMOOD QURESHI.
- Global Neurosurgery: Current and Potential Impact of Neurosurgeons at WHO and WHA.
GAIL ROSSEAU.
- Africa 100 project.
ABDERRAHMANÉ SIDI-SAÏD.
- Indonesia: Wisdom in management of giant aneurysms.
EKA WAHJOEPRAMONO.
- The role of development of microsurgical techniques of clipping in the management of cerebral aneurysm in Africa.
ABDESSAMAD EL-OUAHABI.
- How have WFNS actions contributed to the emergence of Neurosurgery in Sub-Saharan Africa?
ABDESLAM EL-KHAMLICHI.

20:00

Networking cocktail. AC Málaga Palacio Hotel Terrace.

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PROGRAM

Friday • Feb 8

08:30 - 10:00

IO-MRI / VASCULAR

ROBERT DEMPSEY, FRANCISCO GONZALEZ-LLANOS, RICARDO DIEZ VALLE.

- Impact of Hybrid Operating Suites and intraoperative visualization in Neurosurgery.
AMIR SAMII.
- Misdiagnosis in SAH.
EDGARDO SPAGNUOLO.
- Surgical management for paraclinoidal aneurysms.
YONG-WANG TU.
- Multimodality treatment of cerebral aneurysm.
YOKO KATO.
- Aneurysm management: toxic doubtfulness vs uncertainty.
ANIL NANDA.
- Aneurysms not amenable for endovascular treatment.
BASANT MISRA.

10:00 - 10:30

Coffee

10:30 - 12:30

100 YEARS OF NEUROLOGICAL SURGERY

MADJID SAMII, FRANCO SERVADEI, MIGUEL A. ARRAEZ.

- The development of Neurosurgery in Saudi Arabia- a successful story.
AHMED AMMAR.
- Pediatric Neurosurgery: past, present and future.
MAURICE CHOUX.
- Memento Mori: A journey of Cerebral Art.
ANIL NANDA.
- The development of Italian Neurosurgery and its contribution to the international community.
FRANCESCO TOMASELLO.
- The history of Canadian Neurosurgery.
FRED GENTILI.
- 100 years of acoustic neuroma surgery.
MADJID SAMII.

12:30

CLOSING REMARKS

FRANCO SERVADEI. MIGUEL A. ARRAEZ.

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VENUE

Rectory Building
Av. de Cervantes, 2
29016 Malaga, Spain



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