



# MANS

Mediterranean Association  
of Neurological Surgeons

## 2<sup>ND</sup> CONGRESS



**NAPLES, (ITALY)**  
**JUNE 18-20, 2018**  
HOTEL ROYAL CONTINENTAL

**MANS President**  
Souad Bakhti (*Algeria*)

**Congress President**  
Francesco Tomasello (*Italy*)

[www.mans2018.it](http://www.mans2018.it)

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of Neurological Surgeons

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Under the Auspices of:



THE EUROPEAN ASSOCIATION  
OF NEUROLOGICAL SOCIETIES



## WELCOME

**MANS**  
2<sup>ND</sup> CONGRESS

We have the great pleasure and honor to welcome you at the Second Congress of the Mediterranean Association of Neurological Surgeons (MANS) in Naples (Italy) on June 18-20, 2018, under the auspices of WFNS (World Federation of Neurosurgical Societies), EANS (European Association of Neurosurgical Societies), CAANS, (Continental Association of African Neurosurgical Societies), SeENS (South Eastern Europe Neurosurgical Society), SINCh (Italian Society of Neurosurgery).

The first congress was held in Algeria in 2016, under the chairmanship of Prof. Mohamed Djennas, and after the successful first edition, we are extremely delighted to propose the organization of the second congress in Italy. The MANS Congress is intended as a big opportunity to let Neurosurgeons coming from the main Mediterranean European, North African and Middle Eastern countries meet together.

Even more interesting is the opportunity to participate at two international events, MANS and ICRAN in order to join a whole international neurosurgical week in Naples from 18 to 22 June, 2018.

Enjoy science and knowledge nicely combined to life pleasures and the traditional Italian hospitality.

We hope that you enjoy the beautiful and historic city of Naples and its ancient culture!

### **Prof. Francesco Tomasello**

MANS 2018 Congress President  
Honorary President of WFNS



### **Prof. Souad Bakhti**

MANS President  
President Algerian Society of Neurosurgery



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### **CONGRESS PRESIDENT**

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**Nasser El Ghandour**, *Egypt*  
**Hossam El Huseiny**, *Egypt*  
**Abdeslem El Khamlichi**, *Morocco*  
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**Giorgio Iaconetta**, *Italy*  
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**Hafedh Jemel**, *Tunisia*  
**Kazadi Kalangu**, *Zimbabwe*  
**Imad N. Kanaan**, *Saudi Arabia*  
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**Talat Kiris**, *Turkey*  
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**Angelo Lavano**, *Italy*  
**Davide Locatelli**, *Italy*  
**Francesco Maiuri**, *Italy*  
**Nicola Marotta**, *Italy*

**Luca Massimi**, *Italy*  
**Diego Mazzatenta**, *Italy*  
**Mario Meglio**, *Italy*  
**Michele Naddeo**, *Italy*  
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**Alessandro Olivi**, *Italy*  
**Piero Andrea Oppido**, *Italy*  
**Sergio Paolini**, *Italy*  
**Alberto Pasqualin**, *Italy*  
**Tito Perilla**, *Colombia*  
**Alessandro Perin**, *Italy*  
**Paolo Perrini**, *Italy*  
**Nunzio Platania**, *Italy*  
**Antonino Raco**, *Italy*  
**Lukas Rasulić**, *Serbia*  
**Alberto Romano**, *Italy*  
**Gail Rosseau**, *USA*  
**Kresimir Rotim**, *Croatia*  
**Andrea Ruggeri**, *Italy*  
**Tomislav Sajko**, *Croatia*  
**Damianos E. Sakas**, *Greece*  
**Antonio Santoro**, *Italy*  
**Didier Scavarda**, *France*  
**Massimo Scerrati**, *Italy*  
**Franco Servadei**, *Italy*  
**Gopal Raman Sharma**, *Nepal*  
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**Andrea Talacchi**, *Italy*  
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**Massimiliano Visocchi**, *Italy*  
**Miroslav Vukic**, *Croatia*  
**Bin Xu**, *China*  
**Gianluigi Zona**, *Italy*

12.00 REGISTRATION

## AUDITORIUM

12.45-14.40 **FREE COMMUNICATIONS I**  
*Chairmen: Antonino Germanò, Maurizio Iacoangeli, Karim Izirouel*

### BRAIN TUMORS

12.45-12.53 KEY NOTE  
 Patient-oriented outcome in glioma: preliminary results of a systematic review (1990-2018)  
**Andrea Talacchi, Italy**

12.53-13.01 KEY NOTE  
 The impact of DTI fiber tracking of the corticospinal tract based on navigated transcranial magnetic stimulation on surgery of motor-eloquent brain tumors  
**Antonino Germanò, Giovanni Raffa, Alfredo Conti, Antonino Scibilia, Domenico La Torre, Felice Esposito, Filippo F. Angileri, Francesco Tomasello, Italy**

13.01-13.09 Combined endoscopic and microsurgical approaches to maximize the removal of third ventricle lesions  
**Maurizio Iacoangeli, Lucia di Somma, Martina Della Costanza, Maurizio Gladi, Alessandra Marini, Erica Carassi, Mara Capece, Massimo Scerrati, Italy**

13.09-13.17 Contributions of Telovelar approach to the fourth ventricular  
**Karim Izirouel, Nesrine Mentri, Idir Takbou, Souhil Tliba, Algeria**

13.17-13.25 Management of primitive brain lymphomas  
**Karim Boustil, Farid Bouchenaki, Zarina Shabhay, Leila Boutiah, Mohamed Benachour, Nafa Ioualalen, Souad Bakhti, Algeria**

13.25-13.33 The chaperonology: the third eye on brain gliomas  
**F. Graziano, C. Caruso Bavisotto, A. Marino Gammazza, F. Rappa, E. Conway De Macario, A.J. Macario, F. Cappello, C. Campanella, R. Maugeri, D.G. Iacopino, Italy**

### CRANIOPLASTY

13.33-13.41 Cranioplasty after severe head trauma  
**Emanuele Monti, Italy**

13.45-14.49 **FREE COMMUNICATIONS II**  
*Chairmen: Luca Denaro, Fahd H. Derkaoui, Didier Scavarda*

### PEDIATRICS

13.45-13.53 KEY NOTE  
 Overview of pediatric intracranial arachnoid cysts. (417 cases experience)  
**Alexandru Vlad Ciurea, V. Ionescu, D. Nica, I. Luca-Husti, A. Mohan, A.A. Marinescu, Romania**

13.53-14.01 Pediatric orbital hydatid cyst simulating orbital tumor  
**Lamia Benantar, Kamal Chtira, Abdelaziz Ait El Qady, Khalid Aniba, Morocco**

14.01-14.09 Management of hydrocephalus in myelomeningoceles: should we shunt systematically?  
**Wassila Khoudir, Souad Bakhti, Nabila Tighilt, Mohamed Djennas, Algeria**

14.09-14.17 Update on the use of piezosurgery technology in pediatric neurosurgery  
**Luca Massimi, Paolo Frassanito, Gianpiero Tamburrini, Massimo Caldarelli, Italy**

### FUNCTIONAL

14.17-14.25 KEY NOTE  
 Tailored Supra Insular partial hemispherotomy (TSIPH): a new functional disconnecting technique for stroke-induced refractory epilepsy  
**Didier Scavarda, Agnes Trebuchon, Anne Lepine, Mathieu Milh, Gregoire Pech Gourg, Nathalie Villeneuve, Nadine Girard, Fabrice Bartolomei, France**

14.25-14.33 Idiopathic intracranial hypertension: about 72 cases  
**L. Atroune, N.Habchi, S. Benallag, M. Djafer, Algeria**

14.33-14.41 DBS for Parkinson Disease. A preliminary experience  
**Hooussine Ghannane, Mohamed Chraa, Youssef Fahde, Mehdi Laghmari, Mohamed Lmejjati, Said Ait Benali, Morocco**

14.41-14.49 Revisiting the selective vestibular neurotomy for intractable Ménière's disease in the era of endoscopy and intraoperative advanced neuromonitoring  
**Fabrizio Salvinelli, Maurizio Iacoangeli, Davide Nasi, Maurizio Gladi, Lucia Giovanna di Somma, Roberta Benigni, Gianluca Bizzocchi, Massimo Scerrati, Italy**

- 14.50-16.30 F1. FUNCTIONAL I**  
*Chairmen: Giovanni Broggi, Y. Şükrü Çağlar, Philippe Cornu*
- MOVEMENT DISORDERS**
- 14.50-15.02 Interest of Stereotactic Atlases in functional Neurosurgery  
**Philippe Cornu**
- 15.02-15.14 Step by step quality control of MR guided direct targeting procedures  
**Philippe Coubes**
- 15.14-15.26 Innovative Targets for DBS and Lesioning  
**Angelo Franzini**
- STEREOTACTIC LESIONING**
- 15.26-15.38 Radiofrequency  
**Massimo Scerrati**
- 15.38-15.50 MRgFUS (Magnetic Resonance guided Focused Ultrasound Surgery)  
**Gerardo Iacopino**
- NEUROMODULATION**
- 15.50-16.02 Treatment of primary headache by neuromodulation  
**Denys Fontaine**
- 16.02-16.14 Comparison of long-term results of percutaneous procedure vs. microvascular decompression for trigeminal neuralgia  
**Abdessamad El Ouahabi**
- 16.14-16.30 *Discussion*
- 16.30-18.00 S1. SPINE I and PERIPHERAL NERVES**  
*Chairmen: Roberto Delfini, Alessandro Ducati, Bruno Splavski*
- 16.30-16.42 Management of cranio-cervical instability  
**Jesus Lafuente**
- 16.42-16.54 Degenerative disease of the cervical spine: a changing model of management options associated to patients' age  
**Bruno Splavski**
- 16.54-17.06 Cervical arthroplasty: does it still have a value?  
**Nicola Marotta**
- 17.06-17.18 Cervical posterior approaches: when and how?  
**Maurizio Fornari**
- 17.18-17.30 Bipedicular C2 fractures: which approach, anterior or posterior?  
**Abdessamad Naja**

- 17.30-17.42 Brachial plexus surgery in 21<sup>st</sup> Century  
**Lukas Rasulić**
- 17.42-18.00 *Discussion*
- 18.00-19.00 ST. SPINAL TUMORS**  
*Chairmen: Youssef Bouzoubaa, Mostafa Kotb, Lukas Rasulić*
- 18.00-18.12 30 years experience on spinal meningiomas  
**Antonino Raco**
- 18.12-18.24 Hemilaminectomy for removal of upper cervical extramedullary tumors  
**Hafedh Jemel**
- 18.24-18.36 Intramedullary tumors  
**Antonio Santoro**
- 18.36-18.45 *Discussion*
- 19.00-20.00 OPENING CEREMONY**
- PRESIDENTIAL ADDRESSES**
- Francesco Tomasello**, *Congress President*
- Souad Bakhti**, *MANS President*
- Franco Servadei**, *WFNS President*
- Jesus Lafuente**, *EANS President*
- Lukas Rasulić**, *SEENS President*
- Hossam El Huseiny**, *PANARAB (PANS) President*
- Marco Fontanella**, *SINCH President*
- OPENING LECTURE**
- New Perspectives in international RTD Cooperation: the South Mediterranean partner Countries  
**Michele Genovese**, *APRE - Agency for the Promotion of European Research, EU Liaison Unit, Bruxelles*
- 20.00 *Welcome Reception*

## AUDITORIUM

- 07.00-08.00** **BS 1**  
*Chairmen: Alfredo Conti, Sergio Paolini, Imad Talahma*
- 07.00-07.10 Management of aggressive multicentric and recurrent meningiomas  
**Francesco Maiuri**
- 07.10-07.20 5-ALA guided resection of malignant gliomas  
**Piero Andrea Oppido**
- 07.20-07.30 High-grade gliomas surgery: combined fluorescence, IOUS and CEUS experience  
**Natale Francaviglia**
- 07.30-07.40 Surgical management of tumours of the trigonal region  
**Andrea Talacchi**
- 07.40-07.50 Surgical management of large medial sphenoid ridge meningioma  
**Ahmed Farhoud**
- 07.50-08.00 *Discussion*
- 08.10-09.30** **V1. VASCULAR I**  
*Chairmen: Marco Cenzato, Najia El Abbadi, Talat Kiris*
- 08.10-08.22 Tricks and pitfalls of aneurism surgery  
**Abdessamad El Azhari**
- 08.22-08.34 The future is here: management of intracranial aneurysms  
**Phil Stieg**
- 08.34-08.46 Unruptured aneurysms – a surgical perspective  
**Stefan Florian**
- 08.46-08.58 Tear and smile in Cerebrovascular Surgery: how to manage ruptured aneurysms? Surgery vs. Endovascular Treatment  
**Najia El Abbadi**
- 08.58-09.10 Extracranial to intracranial bypass: experience from the Egyptian point of view  
**Ahmed Hegazy**
- 09.10-09.30 *Discussion*
- 09.30 -10.45** **V2. VASCULAR II**  
*Chairmen: Paolo Ferroli, Ahmed Hegazy, Carmelo Sturiale*
- 09.30-09.42 Concepts and safety adjuncts in surgery of complex anterior circulation aneurysms  
**Alberto Pasqualin**

- 09.42-09.54 Treatment of large type of cerebral aneurysms  
**Yoko Kato**
- 09.42-09.54 Clipping techniques in complex aneurysms  
**Talat Kiris**
- 09.54-10.06 Management of posterior circulation aneurysms  
**Renato Galzio**
- 10.06-10.18 Surgical and endovascular treatment of intracranial aneurysms  
**Kresimir Rotim**
- 10.18-10.30 Cavernous sinus dural arteriovenous fistula: Selective embolization VS sinus packing  
**Takashi Izumi**
- 10.30-10.45 *Discussion*
- 10.45 -12.40** **SB1. SKULL BASE I**  
*Chairmen: Kheireddine Bouyoucef, Paolo Cappabianca, Sebastien Froelich*
- 10.45-10.57 Endoscopic endonasal approach for craniopharyngiomas  
**Luigi M. Cavallo**
- 10.57-11.09 Anterior skull base meningiomas: is there any role for the endoscopic approach?  
**Fred Gentili**
- 11.09-11.21 Anterior cranial base lesions: the supraorbital approach  
**Alberto Delitala**
- 11.21-11.33 Microsurgery and endoscopy for middle sphenoidal meningiomas: different approaches for different tumors  
**Andrea Ruggeri**
- 11.33-11.45 Endoscopic endonasal excision of large and giant pituitary adenomas  
**Waleed Azab**
- 11.45-11.57 Endoscopic surgical management of CSF rhinorrhea  
**Mehdi Ben Ammar**
- 11.57-12.09 Endoscopic treatment of colloid cysts  
**Kheireddine Bouyoucef**
- 12.09-12.21 Surgery of clival chordomas  
**Y. Şükrü Çağlar**
- 12.21-12.40 *Discussion*



**SALA SVEVA**

- 07.10-08.00** **BS 2**  
*Chairmen: Mazhar Darwazeh, Alberto Romano, Mondher Yedeas*
- 07.10-07.20 Clinical and radiologic outcomes single level anterior cervical decompression and fusion using expandable cervical peek cage with blade filled with allograft  
**Dogan Güçlühan Güçlü**
- 07.20-07.30 Tear dura: therapeutic protocol  
**Samira Khailia**
- 07.30-07.40 Controversies on the management of Pott's disease  
**Youssef Bouzoubaa**
- 07.40-07.50 Revaluation of posterior approaches for thoracic disk herniations. Technical notes  
**Raffaele de Falco**
- 07.50-08.00 *Discussion*
- 09.30-10.45** **BT1. BRAIN TUMORS I**  
*Chairmen: Alberto Delitala, Miguel Arraez Sanchez, Mohamed El Faiz Chaoui*
- 09.30-09.42 Brain mapping for tumors in eloquent areas: indications and technique  
**Isabelle Germano**
- 09.42-09.54 Sodium Fluorescein guided resection of brain tumors  
**Ihsan Solaroglou**
- 09.54-10.06 Treatment of recurrent malignant gliomas  
**Carmine Carapella**
- 10.06-10.18 IOM for pediatric supratentorial tumor surgery including use of electrified CUSA  
**Shlomi Constantini**
- 10.18-10.30 Safe entry zones in brain stem surgery  
**Miguel Arraez Sanchez**
- 10.30-10.45 *Discussion*
- 10.45-12.25** **FREE COMMUNICATIONS III – SPINE**  
*Chairmen: Pasquale Caiazzo, Salvatore Cardali, Mazhar Darwazeh*
- 10.45-10.55 KEY NOTE  
Interlaminar assistance device for lumbar DDD: 9 years experience with intraspine  
**Gualtiero Innocenzi, Giancarlo Guizzardi, Italy - José Cabezudo, Spain**

- 10.55-11.03 Combined approach for cervical schwannoma with large extraforaminal extension  
**Ashraf Zidan, Hesham Elsobky, Amin Sabry, Egypt**
- 11.03-11.11 The vertebroplasties  
**Meriem Kajeou, A El Farisii, Mr. Dahamou, Mr. Guini, A. Jocelyn, N. Raouzi, N. Oulali, F. Mufid, Morocco**
- 11.11-11.19 Cervical cord compression presenting with sciatica-like leg pain  
**Mansour Khrifech, Fatma Kolsi, Anis Hachicha, Brahim Kammoun, Firas Jarraya, Mohamed Boudawara, Tunisia**
- 11.19-11.27 Intra-medullary pilocytic astrocytoma  
**Fatma Kolsi, Mansour Khrifech, Anis Hachicha, Brahim Kammoun, Firas Jarraya, Mohamed Boudawara, Tunisia**
- 11.27-11.35 Ossification of the ligamentum flavum : case report and review of the literature  
**Salma Mrichi, Mustapha Hemama, Nizare Elfatemi, Moulay Rachid El Maaqili, Morocco**
- 11.35-11.43 Intramedullary meningioma: case report of a rare tumor  
**Abdelhafidh Slimane, Nadhir Karmani, Asma Ben Romdhane, Imed Ben Said, Jallel Kallel, Hafedh Jemel, Tunisia**
- 11.43-11.51 Spinal arteriovenous malformations: 5 case reports  
**Asma Ben Romdhane, Nadhir Karmani, Abdelahfidh Slimane, Imed Ben Said, Jallel Kallel Hafedh Jemel, Tunisia**
- 11.51-11.59 Cervical Pott's disease: 5 case reports  
**Asma Ben Romdhane, Nadhir Karmani, Abdelahfidh Slimane, Jallel Kallel, Imed Ben Said, Hafedh Jemel, Tunisia**
- 11.59-12.07 Spinal trauma from a third world perspective  
**Ahmed Shah, Pakistan**
- 12.07-12.15 Evaluating incidence, causes and outcomes of spine trauma in a Romanian referral center – a one year experience  
**Florin-Adrian Tofan, Florin Leat-Savin, Florian Stefan Ioan, Romania**
- 12.15-12.25 KEY NOTE  
Extended endoscopic endonasal approach for C1-C2 traumatic and inflammatory lesions: lesson learned and technical nuances  
**Maurizio Iacoangeli, Italy**

## AUDITORIUM

- 12.45- 14.10** **LUNCH SEMINAR**  
**NOVEL TECHNOLOGIES AND DEVICES IN NEUROSURGERY**  
**Interactive Debate Companies-Experts**  
*Chairmen: Souad Bakhti, Marco Fontanella, Francesco Tomasello*
- 12.45-12.55 *Introduction*  
The revival of the International Society for Neurosurgical Technology and instruments invention (ISNTii)  
**Ahmed Ammar**  
*Discussant: Paolo Gazzaniga*
- 12.55-13.05 **MASMEC**  
MR-Ultrasound imaging fusion for real time neuronavigation in brain tumor surgery  
**Francesco Di Meco**  
*Discussant: Nunzio Platania*
- 13.05-13.15 **MECTRON**  
Piezosurgery® Plus in Neurosurgery: a five years' experience at Neurological Institute Carlo Besta  
**Cecilia Casali**  
*Discussant: Luca Massimi*
- 13.15-13.25 **MT-ORTHO**  
Structured Titanium: a valid alternative to PMMA in the treatment of vertebral collapses  
**Natale Francaviglia**  
*Discussant: Michele Naddeo*
- 13.25-13.35 **PROMEDICA BIOELECTRONICS**  
Transcranial Magnetic Resonance guided Focused Ultrasound Surgery  
**Alessandro Danielis**  
*Discussant: Gerardo Iacopino*
- 13.35-13.45 **ZAP SURGICAL SYSTEMS**  
Radiosurgery at a crossroad: insights from the ZapX, a new image-guided, self-shielded neuroradiological device  
**Alfredo Conti**  
*Discussant: Giovanni Broggi*
- 13.45-13.55 **AMS GROUP**  
OstaPek: non rigid spinal fixation for lumbar degenerative disease  
**Marcello Egidi**  
*Discussant: Renato Galzio*
- 13.55-14.10 *Discussion*

- 14.10-15.00** **T&R. TRAINING AND RESEARCH**  
*Chairmen: Lotfi Boublata, Giuseppe Cinalli, Nasser El Ghandour*
- 14.10-14.20 Lateral skull base approaches: surgical anatomy and techniques  
**Antonio Bernardo**
- 14.20-14.30 A high-tech playground for the next generation neurosurgeons: real-time intraoperative imaging, virtual reality, simulation and new paradigms of training in neurosurgery  
**Francesco Di Meco**
- 14.30-14.40 Simulation and training  
**Gail Rosseau**
- 14.40-14.50 Unraveling white matter anatomy using fiber dissection technique: implications for surgical approaches to intrinsic lesions and neurosurgical training  
**Paolo Perrini**
- 14.50-15.00 *Discussion*
- 15.00-16.40** **P.PEDIATRICS**  
*Chairmen: Souad Bakhti, Nasser El Ghandour, Luca Massimi*
- 15.00-16.12 Spinal Cord Tumors: what we have learned in the last 15 years  
**Maurice Choux**
- 16.12-16.24 Management of Pediatric Craniopharyngioma  
**Concezio Di Rocco**
- 15.24-15.36 Tumors in the first 2 years of life; surgical tips and tricks  
**Mohamed El Beltagy**
- 15.36-15.48 Craniosynostosis  
**Mohamed Achouri**
- 15.48-16.00 Endoscopic treatment of multiloculated hydrocephalus in children  
**Nasser El Ghandour**
- 16.00-16.12 Central hemangioblastomas and Von Hippel Lindau disease  
**Hossam El Huseiny**
- 16.12-16.24 Brainstem cavernomas in children  
**Didier Scavarda**
- 16.24-16.40 *Discussion*

- 16.40-17.20** **WIN. WOMEN IN NEUROSURGERY**  
*Chairmen: Najia El Abbadi, Lucia Benvenuti, Silvia Berlucchi*
- 16.40-16.50 Women in neurosurgery in the US: past, present and future  
**Isabelle Germano**
- 16.50-17.00 Women in Neurosurgery activities  
**Nabila Tighlit**
- 17.00-17.10 A young neurosurgeon perspective  
**Teresa Somma**
- 17.10-17.20 *Discussion*
- 17.20-18.00** **GLOBAL NEUROSURGERY and BRAIN HEALTH**  
*Chairmen: Hafedh Jemel, Franco Servadei*
- 17.20-17.30 Global Neurosurgery: progress report from the 2018 World Health Assembly  
**Gail Rosseau**
- 17.30-17.40 The Neurosurgical Training Project for Africa by 2030 (NETPA 2030)  
**Abdeslem El Khamlichi**
- 17.40-17.50 Brain health: stepping back from the Microscope  
**Phil Stieg**
- 17.50-18.00 *Discussion*
- 18.00-19.04** **FREE COMMUNICATIONS IV - SKULL BASE**  
*Chairmen: Reza Ghadirpour, Sergio Paolini, Alberto Romano*
- 18.00-18.06 KEY NOTE  
Minimally-invasive supraorbital approach: from the olfactory groove to the amygdala.  
**Giannantonio Spena, Italy**
- 18.06-18.12 Supraorbital minicraniotomy and subfrontal route for the resection of a posterior clinoid meningioma: OPERATIVE VIDEO  
**Giannantonio Spena, Carlotta Nucci, Antonio D'Ammando, Pier Paolo Panciani, Italy**
- 18.12-18.22 KEY NOTE  
Endoscope-assisted microsurgical removal of vestibular schwannomas by retrosigmoid approach  
**Enrique Urculo, Spain**

- 18.22-18.32 KEY NOTE  
Anterior foramen magnum meningiomas: is condyle resection necessary?  
**Abdessamad El Ouahabi, Morocco**
- 18.32-18.40 Suboccipital approach for foramen magnum meningiomas: a single centre experience  
**Raffaele de Falco, Antonio Bocchetti, Valentina Cioffi, Luigi Sigona, Italy**
- 18.40-18.48 Extended endoscopic endonasal transclival approach for tumors of petroclival region: preliminary experience  
**Maurizio Gladi, Maurizio Iacoangeli, Alessandro Di Rienzo, Davide Nasi, Valentina Liverotti, Roberta Benigni, Fabrizio Mancini, Massimo Scerrati, Italy**
- 18.48-18.56 Tuberculum sellae meningioma series of 72 cases and literature review  
**Billel Dahmouche, Toufik Benmamr, Kamel Bouaita, Algeria**
- 18.56-19.04 Posterior fossa Meningiomas: a surgical experience of 127 cases  
**Mario Giarletta, Barbara Masotto, Giampietro Pinna, Italy**
- 19.10 **MANS ASSEMBLY**
- 20.30 *Networking Dinner*

**SALA SVEVA**

- 18.00-19.00** **FREE COMMUNICATIONS V - VASCULAR**  
*Chairmen: Massimo De Bellis, Giovanni Grasso, Francesco Signorelli*
- 18.00-18.10 KEY NOTE  
Brainstem cavernomas: retrospective analysis of our surgical experience  
**Barbara Masotto, Mario Giarletta, Giampietro Pinna, Italy**
- 18.10-18.20 KEY NOTE  
Multimodality monitoring assisted surgical treatment of incidental cerebral aneurysms  
**Yoko Kato, Japan**
- 18.20-18.28 Management of intracranial unruptured incidental aneurysm: application of a decision-making algorithm  
**Mauro Campello, Olga Gervasio, Claudio Zaccone, Mary Romano, Italy**
- 18.28-18.36 Quantitative anatomical analysis of the endoscopic assisted lateral supraorbital approach and endoscopic endonasal transclival approach: two minimally invasive routes to basilar apex aneurysms  
**Benedetta Fazzolari, Elena D'Avella, Martina Cappelletti, Andrea Gennaro Ruggeri, Alberto Prats-Galino, Roberto Delfini, Italy**
- 18.36-18.44 Flow volume rate and flow velocity analysis of large ICA aneurysm using  
**Takashi Izumi, Tetsuya Tsukada, Masahiro Nishihori, Mamoru Ishida, Asuka E. Kropp, Haruo Isoda, Takashi Mizuno, Tajima Shunsuke, Toshihiko Wakabayashi, Japan**
- 18.44-18.52 Angiogram-negative subarachnoid hemorrhage: comparison between diffuse and perimesencephalic distribution  
**Maher Hadhri, Ghassen Belkahla, Kais Maamri, Atef Ben Nsir, Mohamed Kilani, Mehdi Darmoul, Tunisia**
- 18.52-19.00 The application of Poiseuille Law in bypass surgery  
**Bin Xu, China**

**AUDITORIUM**

- 07.15-08.15** **BREAKFAST SEMINAR WFNS NEUROSURGICAL GLOBAL EDUCATION**  
*Chairmen: Souad Bakhti, Najia El Abbadi, Francesco Tomasello*  
*Panelists: Youssef Bouzoubaa, Isabelle Germano, Franco Servadei, Souhil Tliba, Tanju Ucar*
- 08.15 -09.40** **BT2. BRAIN TUMORS II**  
*Chairmen: Lotfi Boublata, Fabio Calbucci, Mostafa Kotb*
- 08.15-08.27 Cystic Vestibular schwannomas "clinical and surgical particularity"  
**Lotfi Boublata**
- 08.27-08.39 Current strategies for vestibular schwannoma resection  
**Enrique Urculo**
- 08.39-08.51 Management of Parasagittal Meningiomas  
**Kazadi Kalangu**
- 08.51-09.03 Management of Paraclinoid Meningiomas  
**Alessandro Olivi**
- 09.03-09.15 Hybrid approach in contemporary resection of intracranial epidermoids  
**Imad N. Kanaan**
- 09.15-09.27 Long-term surgical results on craniopharyngiomas  
**Abdeslem El Khamlichi**
- 09.27-09.40 *Discussion*
- 09.40-11.20** **SB2. SKULL BASE II**  
*Chairmen: Stefan Florian, Giorgio Iaconetta, Alessandro Olivi*
- 09.40-09.52 The role of augmented reality in surgical planning  
**Antonio Bernardo**
- 09.52-10.04 Surgical strategies for petroclival tumors  
**Sébastien Froelich**
- 10.04-10.16 Tentorial meningiomas  
**Vincenzo D'Angelo**
- 10.16-10.28 The concept of "5Ds" Safe resection of central skull base meningiomas  
**Imad N. Kanaan**

- 10.28-10.40 Foramen magnum meningiomas  
**Roberto Delfini**
- 10.40-10.52 Surgical Treatment of cranio-vertebral junction tumors  
**Mario Ammirati**
- 10.52-11.04 Dandy-Walker Syndrome: New concepts to understand the Syndrome  
**Ahmed Ammar**
- 11.04-11.20 *Discussion*
- 11.20-12.20 V2. VASCULAR III**  
*Chairmen: Abdessamad El Azhari, Vincenzo Esposito, Kresimir Rotim*
- 11.20-11.32 Surgical management of cerebral AVM's  
**Gopal Raman Sharma**
- 11.32-11.44 Quality of life and global outcome in intracranial AVM's  
**Alexandru V. Ciurea**
- 11.44-11.56 Cerebral cavernomas  
**Marco Fontanella**
- 11.56-12.08 The individualized designations in surgical treatment for moyo moyo disease  
**Bin Xu**
- 12.08-12.20 *Discussion*

**SALA SVEVA**

- 08.15-09.15 F2. FUNCTIONAL II**  
*Chairmen: Angelo Lavano, Tomislav Sajko, Damianos E. Sakas*
- 08.15-08.27 Surgical treatment of dystonia  
**Giovanni Broggi**
- 08.27-08.39 Resective surgery  
**Vincenzo Esposito**
- 08.39-08.51 Complication avoidance and reoperation after failed surgery in epilepsy patients  
**Damianos E. Sakas**
- 08.51-09.03 Temporal Lobe epilepsy surgery  
**Tomislav Sajko**
- 09.03-09.15 *Discussion*
- 10.15-12.10 FREE COMMUNICATIONS VI - MISCELLANEA**  
*Chairmen: Fahd H. Derkaoui, Alessandro Frati, Domenico La Torre*
- 10.15-10.21 Multiple cerebral aneurysms – a review of 20 years of experience in Cluj-Napoca  
**Cristina Caterina Aldea, Ioan Stefan Florian, Romania**
- 10.21-10.27 Idiopathic normal pressure hydrocephalus increase of number of patients, reality of coincidence  
**Fahd Derkaoui Hassani, Najia Elabbadi, Morocco**
- 10.27-10.33 Development of shunt dependent hydrocephalus after spontaneous subarachnoid hemorrhage  
**Jagoš Golubović, Vladimir Papić, Djula Djilvesi, Mladen Karan, Bojan Jelača, Tomislav Cigić, Petar Vuleković, Serbia**
- 10.33-10.39 Success criterias of endoscopic third ventriculostomy combined to choroid plexus cauterisation for the treatment of hydrocephalus in infants younger than one year of age  
**Imane Bersali, Mohamed Amokrane Sidi Maamar, Kheireddine Abdelouahed Bouyoucef, Algeria**
- 10.39-10.45 Prognosis factors of medulloblastomas in children  
**Hajar Bechri, Kawtar El Ouahabi, Mahjouba Boutarbouch, Yassaad Oudrhiri, El Mehdi Hakkou, Loubna Rifi, Adyl Melhaoui, Yasser Arkha, Abdessamad El Ouahabi, Morocco**

- 10.45-10.51 Management of Neurosurgical Emergencies during pregnancy  
**Bilel Loukil, Mouna Rkhami, Mohamed Znazen, Ihsen Zammel, Tunisia**
- FREE COMMUNICATION VII - BRAIN TUMORS & NEUROENDOSCOPY**  
*Chairmen: Pasquale De Marinis, Umberto Godano, Massimiliano Visocchi*
- 10.51-10.57 Endoscopic Treatment of Pituitary Adenoma in CHU Oujda  
**A. Mejdoubi, M. Guini, F. Moufid, N. Raouzi, N. Oulali, Morocco**
- 10.57-11.03 Endoscopic endonasal approach in the treatment of non traumatic rhinorrhea and fronto-ethmoidal meningo-encephaloceles  
**Billel Dahmouche, Toufik Benmamar, Kamel Bouaita, Algeria**
- 11.03-11.09 Endoscopic treatment of spontaneous osteomeningeal breccia  
**Mohammed A. Lamine EL Farissi, Morocco**
- 11.09-11.15 Extra ventricular colloid cyst: report of three cases and literature review  
**Khalil Ayadi, Asma Bouhoula, Meher Hadhri, Hela Mnakri, Jalel Kallel, Hafedh Jemel, Tunisia**
- 11.15-11.21 Intracerebral calcific hydatid cyst for about a case  
**Nourou Dine Adeniran Bankole, Milena Sayore, Moussa Denou, Loubna Rifi, Aboud Hilal, Alae Mastalqi, Adyl Melhaoui, Mahjouba Boutarbouch, Abdesamad El Ouahabi, El Mehdi Hakkou, Benin**
- 11.21-11.27 Single cerebral hydatid cyst  
**Issam Chouaf, Lynda Atroune, Miloud Djafaar, Algeria**
- 11.27-11.33 Intracranial epidermoid cysts  
**Mohamed Dahamou, Morocco**
- 11.33-11.39 Intracerebral gangliogliomas about 5 cases  
**Sidi Tarik El Hamdani, Abdessamad Naja, Morocco**
- 11.39-11.45 Neuronal and Neuroglial Tumors of the Central Nervous System: study of a surgical series of 11 patients  
**Ghassen Gader, Khalil Ayadi, Nadhir Karmeni, Imed Ben Saïd, Hafedh Jemel, Tunisia**
- 11.45-11.51 Silent pituitary adenomas in children  
**Asma Romdhane, Nadhir Karmani, Abdelhafidh Slimane, Imed Ben Said, Jalel Kallel, Hafedh Jemel, Tunisia**

- 11.51-11.57 Postoperative Rise in Serum Sodium Level, an indicator of Diabetes Insipidus after Pituitary Adenoma Surgery  
**Maria Noor-ul-Huda, Pakistan**
- 11.57-12.03 Endoscopic total remove of sellar and suprasellar papilloma tumor: a rare case report and review of the literature  
**Assamadi Mouhssine, Yassine El Allouchi, Kamal Chtira, Lamia Benantar, Abdelaziz Ait, El Qadi Khali Aniba, Morocco**
- 12.03-12.09 Navigated TMS and DTI fiber tracking for surgery of brain tumors in language areas  
**Giovanni Raffa, Alfredo Conti, Antonino Scibilia, Domenico La Torre, Felice Esposito, Flavio Angileri, Antonino Germanò, Italy**
- 12.09-12.15 Cranioplasty Custom-Made EBM one step  
**N. Francaviglia, F. Meli, A. Villa, P. Impallaria, G. Costantino, A. Odierna Contino, A. Fimognari, I. Musca, Italy**

## AUDITORIUM

- 12.20-13.50** **V3D. VIDEOSESSION 3D - endoscopy & exoscopy**  
*Chairmen: Paolo Cappabianca, Michele Naddeo, Gianluigi Zona*
- 12.20-12.25 Brain tumors  
**Antonino Germanò**
- 12.25-12.30 Approach to the maxillary sinus  
**Luigi Califano, Vincenzo Abbate**
- 12.30-12.35 Suprasellar approach for craniopharyngiomas  
**Luigi Maria Cavallo, Domenico Solari**
- 12.35-12.40 Anterior cranial base malignancies  
**Paolo Castelnuovo, Davide Locatelli**
- 12.40-12.45 Cranio-vertebral junction approach  
**Filippo Flavio Angileri, Felice Esposito**
- 12.45-12.50 Transoral microsurgical approach to cranio-vertebral junction  
**Massimiliano Visocchi**
- 12.50-12.55 Spinal tumours  
**Maurizio Fornari**
- 12.55-13.00 Cervical discectomy  
**Giuseppe Barbagallo**
- 13.00-13.05 Lumbar discectomy  
**Oreste de Divitiis**
- 13.05-13.10 Endoscopic assisted bilateral lumbar decompression via unilateral approach  
**Mehdi Ben Ammar**
- 13.10-13.15 Cavernous sinus approach  
**Diego Mazzatenta**
- 13.15-13.20 Endoventricular approach  
**Umberto Godano**
- 13.20-13.25 Sellar approach  
**Carlo Conti, Nicola Desogus**
- 13.25-13.30 Meningiomas of tuberculum sellae  
**Giuseppe Catapano, Matteo De Notaris**
- 13.30-13.50 *Discussion*

## 14.00-14.45 OPENING CEREMONY (MANS & ICRAN)

### **Valeria Fascione**

*Chairman of Innovation Startup and International Office Campania Region*

### **Francesco Tomasello**

*President of 2<sup>nd</sup> MANS Congress*

### **Souad Bakhti**

*President of MANS*

### **Tariq Khan**

*Chairman of Neurotraumatology Committee of WFNS*

### **Paolo Cappabianca**

*Co-Chairman ICRAN 2018*

### **Walter Ricciardi**

*President National Institute of Health, President World Federation of Public Health Associations (WFPHA)*

## 14.45-16.30 JOINT PLENARY SESSION MANS & ICRAN on "RECENT ADVANCES IN TBI"

*Chairmen: Domenico d'Avella, Corrado Iaccarino*

14.45-15.00 Rimini ICRAN 1996 - Napoli ICRAN 2018: 20 years later

### **Franco Servadei**

15.00-15.15 Clinical Trials in Neurotrauma

### **Peter Hutchinson**

15.15-15.30 Recent advances on craniofacial trauma

### **Luigi Califano, Francesco De Ponte**

15.30-15.45 CSF hydrodynamics and recent advances in neuroimaging of TBI

### **Miroslav Vukic**

15.45-16.00 Intensive Care Medicine for severe TBI 20 years later

### **Nino Stocchetti**

16.00-16.15 Fission or fusion: destiny of mitochondria following traumatic brain injury

### **Stefano Signoretti**

16.15-16.30 Following FDA approval: future applications of blood-based biomarkers for diagnosis and management of severe traumatic brain injury

### **Ronald L. Hayes**

**16.30-18.10 S2. SPINE II**  
*Chairmen: Andrea Barbanera, Natale Francaviglia, Michael Spyrou*

- 16.30-16.42 Conceptual Approach to Spine Surgery  
**Michael Spyrou**
- 16.42-16.54 Minimally invasive technique for stabilization of lumbosacral spine  
**Alessandro Ducati**
- 16.54-17.06 The future of minimally invasive spine surgery  
**Giancarlo Guizzardi**
- 17.06-17.18 Management of cronic pain after transpedicular fixation  
**Tito Perilla**
- 17.18-17.30 Failed back and complications of spinal surgery in the North of Palestine  
**Mazhar Darwazeh**
- 17.30-17.42 Surgical management of scoliosis in adults  
**Said Ait Benali**
- 17.42-17.54 Minimally invasive surgery of spine  
**Nizare El Fatemi**
- 17.54-18.10 *Discussion*

**18.10-18.52 VIDEO and FREE PRESENTATIONS**  
*Chairmen: Oreste de Divitiis, Pasquale De Marinis, Giuseppe Talamonti*

- 18.10-18.16 Screwing odontoid: a case report  
**Hafsa Frissou, Nadjib Asfirane, Khadidja Youbi, Souhil Tliba, Algeria**
- 18.16-18.22 Pediatric meningiomas  
**M. Guini, A. Mejdoubi, M. Dahmou, A. El Farissi, M. Kajeau, N. Raouzi, N. Oulali, F. Moufid, Morocco**
- 18.22-18.28 Spheno-temporal langerhans cell histiocytosis: a case report  
**Christine Milena Sayore, Morocco**
- 18.28-18.34 Langerhans cell histiocytosis of the skull vault: two cases report  
**Abdellah Tahir, Fahd Derkaoui, Najia Elabbadi, Morocco**
- 18.34-18.40 Meningioma removal by coblation  
**Antony Thomas, Turkey**

- 18.40-18.46 C1 Pott's disease, a rare location of spine tuberculosis  
**Slimane Abdelhafidh, Karmani Nadhir, Ben Romdhane Asma, Ben Said Imed, Jallel Kallel, Hafedh Jemel, Tunisia**
- 18.46-18.52 The influence of gender on patient-reported outcomes is different after surgery for degenerative or traumatic spinal pathology in the thoracolumbar spine  
**Gheorghe Ungureanu, Tiberiu Maior, Ioan Stefan Florian, Romania**
- 18.52-19.00 CLOSING REMARKS**



## SALA SVEVA

- 18.10-18.52** **FREE COMMUNICATIONS VIII - SPINE and PERIPHERAL**  
*Chairmen: Asma Ben Romdhane, Imad Talahma*
- 18.10-18.16 Autologous iliac crest bone grafts and peek cages for anterior cervical discectomy with fusion in degenerative disc disease – single center observational cohort study  
**Mladen Karan, Djula Djilvesi, Vladimir Papic, Jagos Golubovic, Bojan Jelaca, Petar Vulekovic, Serbia**
- 18.16-18.22 Surgical treatment of lumbar spinal stenosis  
**Othman Belarabi, Hajar Bechri, Mustapha Hemama, Nizare Elfatemi, Rachid El Maaqili, Morocco**
- 18.22-18.28 Multiple myeloma management in the neurosurgery department: about 14 cases  
**Mounira Bardache, Khaled Djouane, Karim Izirouel, Souhil Tliba, Algeria**
- 18.28-18.34 Cervical spine injuries: a management of a series of 200 cases  
**Mohamed Amine Atsamnia, Hakim Kerrouche, Miloud Djaafar, Algeria**
- 18.34-18.40 Occult isolated articular branch cyst of lateral plantar nerve  
**Kivanc Yangi, Turchia**
- 18-40-18.46 The influence of indirect nerve grafting after traumatic transection peripheral nerve injury on the successful sensomotor recovery  
**Fahrudin Alic, Rasim Skomorac, Aldin Jusic, Bosnia-Erzegovina**
- 18.46-18.52 Syringomyelia associated with chiari I malformation: prognostic factors  
**Hela Mnakri, Sofienne Bouali, Ghedira Khalil, Abdelhafidh Slimene, Imed Ben Said, Hafedh Jemel, Tunisia**

## SPINE

- 12 - **C1 TUBERCULOSIS: DIAGNOSIS DIFFICULTIES AND CONSTRAINTS OF SURGICAL MANAGEMENT: A CASE REPORT**  
*Asma Ben Romdhane, Nadhir Karmani, Jalel Kallel, Imed Ben Said, Tunisia*
- 32 - **PRIMARY SPINAL GERM CELL TUMORS : A CASE ANALYSIS AND REVIEW OF LITERATURE**  
*Asma Ben Romdhane, Nadhir Karmani, Abdelahfidh Slimane, Imed Ben Said, Jalel Kallel, Hafedh Jemel, Tunisia*
- 44 - **DYSPHAGIA AND DYSPNIA CAUSED BY LARGE ANTERIOR CERVICAL OSTEOPHYTE**  
*Hesham Elsobky, Ashraf Zidan, Amr Farid, Ahmed Elsobky, Egypt*
- 52 - **INTRA MEDULLARY CAVERNOUS HEMANGIOMA ABOUT A CASE**  
*Naja Abdessamad, Morocco*
- 78 - **COMPARATIVE RETROSPECTIVE ANALYSIS OF POSTERIOR FIXATIONS OF THORACOLUMBAR TRAUMATIC SPINE : SHORT FIXATION WITH BONE GRAFT AND INTERVERTEBRAL VERSUS SHORT INTERMEDIATE SCREW ASSEMBLY WITH KYPHOPLASTY**  
*Khailia Samira, Bellal Mohammed El Amine, Khaled Benyoucef, Algeria*
- 79 - **THORACOLOMBAIRE TRAUMA - TECHNICAL RESTORATION OF THE ANTERIOR WALL OF THE FRACTURED VERTEBRA BY BONE GRAFT INTRAVERTEBRALE TO BALLOON.**  
*Samira Khailia, Mohammed El Amine Bellal, Khaled Benyoucef, Algeria*
- 87 - **LONG-TERM CURE OF SPINAL GLIOBLASTOMA**  
*Slimane Abdelhafidh, Karmani Nadhir, Ben Romdhane Asma, Ben Said Imed, Jalel Kallel, Jemel Hafedh, Tunisia*
- 96 - **DORSO-LUMBAR SPINAL TUBERCULOSIS: EXPERIENCE OF THE NEUROSURGICAL DEPARTMENT OF IBN SINA HOSPITAL**  
*Hajar Bechri, Othman Belarabi, Mustapha Hemama, Nizare El Fatemi, Moulay Rachid El Maaqili, Morocco*
- 97 - **PRIMARY EPIDURAL HYDATIDOSIS OF THE SPINE : CASE REPORT AND LITERATURE REVIEW**  
*Sidi Mamoun Louraoui, Hajar Bechri, Mustapha Hemama, Nizare El Fatemi, Moulay Rachid El Maaqili, Morocco*
- 110 - **TRAUMATIC CERVICAL EPIDURAL HEMATOMA: CASE REPORT AND LITERATURE REVIEW**  
*Sidi Mamoun Louraoui, Othman Belarabi, Hajar Bechri, Mustapha Hemama, Nizare El Fatemi, Moulay Rachid El Maaqili, Morocco*

**124 - THE SPONDYLOLISTHESIS: RETROSPECTIVE STUDY OF 12 CASES**

M. Kajeou, A El Farisii, M. Dahamou, M. Guini, A. Jocelyn, N. Raouzi, N. Oulali, F. Mufid, *Morocco*

**132 - SPINAL EXTRADURAL ARACHNOID CYSTS: REPORT OF 5 CASES AND LITERATURE REVIEW**

Khalil Ayadi, Asma Bouhoula, Hela Mnakri, Marouen Taallah, Jalel Kallel, Hafedh Jemel, *Tunisia*

**137 - CERVICAL SPINE TRAUMATISM REVEALING A FORESTIER DISEASE: CASE REPORT AND LITERATURE REVIEW**

Hajar Bechri, El Mehdi Hakkou, Yassaad Oudrhi, Loubna Rifi, Adyl Melhaoui, Yasser Arkha, Abdessamad El Ouahabi, *Morocco*

**146 - INTRADURAL SPINAL TUMORS : ABOUT SIX CASES**

A. Mejdoubi, M. Guini, N. Raouzi, N. Oulali, F. Moufid, *Morocco*

**151 - INFECTIOUS SPONDYLODISCITIS**

M. Guini, A. Mejdoubi, M. Dahamou, A. El Farisii, M. Kajeau, N. Raouzi, N. Oulali, F. Moufid, *Morocco*

**PEDIATRICS**

**23 - RHABDOID MENINGIOMA : 2 CASE REPORTS AND REVIEW OF LITERATURE**

Asma Ben Romdhane, Nadhir Karmani, Abdelhafidh Slimane, Imed Ben Said, Jalel Kallel, Hafedh Jemel, *Tunisia*

**24 - PEDIATRIC SUPRATENTORIAL ANAPLASTIC OLIGODENDROGLIOMA: A RARE TUMOR IN CHILDREN**

Asma Ben Romdhane, Nadhir Karmani, Abdelhafidh Slimane, Imed Ben Said, Jalel Kallel, Hafedh Jemel, *Tunisia*

**76 - Long-term results of minimal invasive biparietal cranioplasty for the management of sagittal craniosynostosis**

Luca Massimi, Burcu Goker, Gianpiero Tamburrini, Paolo Frassanito, Federico Bianchi, Concezio Di Rocco, Massimo Caldarelli, *Italy*

**105 - MYELOMENINGOCELE**

M. Dahamou, M. Guini, A. Mejdoubi, A. Elfarisii, M. Kajeau, N. Raouzi, N. Oulali, F. Moufid, *Morocco*

**139 - Encephaloceles**

M.A. Elfarisii, M. Guini, A. Mejdoubi, M. Dahamou, M. Kajeau, N. Raouzi, N. Oulali, F. Moufid, *Morocco*

**VASCULAR**

**21 - DOES INTRAOPERATIVE RUPTURE OF CEREBRAL ANEURYSM INFLUENCE OUTCOME OF ANEURYSM SURGERY?**

Gopal Raman Sharma, *Nepal*

**27 - MOYA MOYA DISEASE: A SERIES OF 7 CASES**

Asma Ben Romdhane, Nadhir Karmani, Abdelhafidh Slimane, Imed Ben Said, Jalel Kallel, Hafedh Jemel, *Tunisia*

**FUNCTIONAL**

**84 - AWAKE BRAIN SURGERY IN CHILDREN: ABOUT A CASE WITH MEDICAL REVIEW**

L. Atroune, S. Benallag, N. Habchi, M. Djafer, *Algeria*

**SKULL BASE**

**33 - NEURENTERIC CYST OF POSTERIOR FOSSA: AN UNUSUAL LOCATION**

Asma Ben Romdhane, Nadhir Karmani, Abdelhafidh Slimane, Imed Ben Said, Jalel Kallel, Hafedh Jemel, *Tunisia*

**48 - EARLY-CAREER SURGICAL PRACTICE FOR CEREBELLOPONTINE ANGLE TUMORS IN THE ERA OF RADIOSURGERY**

Giannantonio Spina, Tommaso Sorrentino, Luca Redaelli de Zinis, Roberto Stefini, Pier Paolo Panciani, Marco Fontanella, *Italy*

**65 - CHRONIC SUBDURAL HEMATOMA**

Asllan Selaj, *Albania*

**86 - CEREBRAL BLASTOMYCOSIS**

Slimane Abdelhafidh, Karmani Nadhir, Ben Romdhane Asma, Ben Said Imed, Jalel Kallel, Jemel Hafedh, *Tunisia*

**98 - PITFALLS AND COMPLICATION AVOIDANCE IN NEUROENDOSCOPY**

Mouna Bougrine-Sandoz, Najia El Abbadi, *Morocco*

**104 - MANAGEMENT OF SPONTANEOUS CSF LEAKS: CASE REPORT**

Karim Izirouel, Nesrine Mentri, Hassan Khechfoud, Souhil Tliba, *Algeria*

**106 - MENINGIOMAS INVADING THE INTERNAL ACOUSTIC CANAL: CHOICE OF SURGICAL TECHNIQUES.**

Barbara Masotto, Giulia Ghisellini, Marco Cancedda, Mario Giarletta, Yuri Ceccaroni, Giampietro Pinna, *Italy*

**116 - A "360 DEGREE - ROUND-THE-CLOCK" SURGICAL APPROACH FOR ORBITAL TUMORS.**

Maurizio Iacoangeli, Davide Nasi, Maurizio Gladi, Mauro Dobran, Alessandro Di Rienzo, Valentina Liverotti, Riccardo Paracino, Massimo Scerrati, *Italy*

**Tuesday, June 19, 2018**

**POSTER SESSION**

**MANS**  
2<sup>ND</sup> CONGRESS

**136 - ENDOSCOPIC ENDONASAL APPROACH IN THE TREATMENT OF POST-TRAUMATIC RHINORRHEA IN CHILDREN POPULATION**

Billel Dahmouche, Toufik Benmamar, Kamel Bouaita, *Algeria*

**138 - ENDOSCOPIC ENDONASAL APPROACH IN PITUITARY ADENOMAS INDIVIDUAL EXPERIENCE**

Billel Dahmouche, Toufik Benmamar, Kamel Bouaita, *Algeria*

**143 - ENDOSCOPIC ENDONASAL APPROACH IN THE ANTERIOR CEREBRAL FOSSA**

Billel Dahmouche, Toufik Benmamar, Kamel Bouaita, *Algeria*

**WOMEN IN NEUROSURGERY**

**15 - THE PREDICTING FACTORS FOR RECURRENCE OF OPERATED CHRONIC SUBDURAL HEMATOMA**

Hela Mnakri, Kamel Bahri, Maher Ben Salem, Mouna Rkhami, Mohamed Badri, Ihsen Zammel, *Tunisia*

**22 - LYMPHOCYTIC HYPOPHYSITIS : A CASE REPORT AND REVIEW OF LITERATURE**

Asma Romdhane, Nadhir Karmani, Abdelhafidh Slimane, Imed Ben Said, Jalel Kallel, Hafedh Jemel, *Tunisia*

**BRAIN TUMORS**

**43 - BRAIN ABSCESES BY CONTIGUITY:A CASE REPORT**

Hafsa Frissou, Nadjib Asfirane, Khadidja Youbi, Souhil Tliba, *Algeria*

**47 - PRACTICAL PROGNOSTIC SCORE FOR PREDICTING THE EXTENT OF RESECTION AND NEUROLOGICAL OUTCOME OF GLIOMAS IN THE SENSORIMOTOR AREA.**

Giannantonio Spina, Pier Paolo Panciani, Luciano Buttolo, Marco Fontanella, *Italy*

**49 - A STAGED APPROACH FOR THE RESECTION OF A RAREST SYLVIAN AQUEDUCT ROSETTE-FORMING GLIONEURONAL TUMOR: AN OPERATIVE VIDEO**

Giannantonio Spina, Elena Roca, Pier Paolo Mattogno, Pier Paolo Panciani, *Italy*

**89 - CEREBRAL TUBERCULOSIS MIMICKING MENINGIOMA**

Abdelhafidh Slimane, Nadhir Karmani, Asma Ben Romdhane, Imed Ben Said, Jalel Kallel, Hafedh Jemel, *Tunisia*

**108 - INTRACRANIAL NEURO-ENTERIC CYST : AN ILLUSTRATIVE PATIENT**

Yassaad Oudrhiri, Hajar Bechri, El Mehdi Hakkou, Mahjouba Boutarbouch, Loubna Rifi, Adyl Melhaoui, Yasser Arkha, Abdessamad El Ouahabi, *Morocco*

**120 - STEREOTACTIC BIOPSY IN BRAIN TUMOURS.**

Zarina Shabhay, Karim Boustil, Leila Boutiah, Farid Bouchenaki, Nafa Ioualalen, Souad Bakhti, *Algeria*

**EXHIBITION HALL**

**142 - Surgical management of corticotrope adenomas in our institute about 38 cases between 2005 and 2017**

Hicham Sehli, Fernand Imoumby, *Morocco*

**127 - Epidermal cyst of sellar region simulating an abscess**

Hicham Sehli, Fernand Nathan Imoumby, *Morocco*

## GENERAL INFORMATION



### DATE AND VENUE

**Naples, June 18-20, 2018**

Hotel Royal Continental  
Via Partenope, 38/44 - 80121 Naples (IT)  
www.royalcontinental.it

### ON-SITE SECRETARIATS

The Organizing Secretariat MCM and MANS Secretariat are located at the Ground Floor of the Hotel Continental.

The Registration and Information Desks will be open at the following times:

**Monday, June 18:** 12.00 - 20.00

**Tuesday, June 19:** 07.00 -19.00

**Wednesday, June 20:** 07.00 - 19.00

### EXHIBITION

The Exhibition is located at the Ground Floor of the Hotel Continental and will be open at the following times:

**Monday, June 18:** 12.00 - 20.30

**Tuesday, June 19:** 08.00 -19.00

**Wednesday, June 20:** 08.00 - 15.00

### REGISTRATIONS

The on-site registration fees are as follows:

Students/Residents	€ 250,00
Neurosurgeons/Intensivists	€ 400,00
EANS Member	€ 360,00
Invited Faculty	€ 300,00
Daily registration	€ 150,00
Networking Dinner*	€ 80,00
Guided tour of Pompeii*	€ 60,00

(\* ) until June 18 at h 18 upon availability.

Please note that registration fees include VAT 22% as per Italian Law.

### Registration fee includes:

- Congress badge and kit
- Admission to scientific sessions and industrial exhibition
- Coffee breaks on June 19 and 20
- Box lunch on June 19 and 20
- Welcome reception on June 18
- Attendance certificate

### Daily registration includes:

- Congress badge and kit
- Admission to scientific sessions and industrial exhibition for 1 day
- Coffee break and lunch on the day of registration
- Attendance certificate for 1 day

### SPEAKER READY ROOM

A centralized slides centre will be available on the Ground Floor of the Hotel Continental. Technicians will be at your service at the following hours:

**Monday, June 18:** 12.00 - 19.00

**Tuesday, June 19:** 07.00 -19.00

**Wednesday, June 20:** 07.00 - 19.00

All Speakers should check and upload their presentation at the speaker ready room not less than 30 minutes before their session begins. Speakers at the morning sessions are required to upload their slides no later than h. 17.30 on the day before their session is scheduled.

### E-POSTER PRESENTATIONS

E-posters will be presented on LED Monitor at the exhibition area and will run all over the Congress. Authors are kindly requested to attend the Poster Session on Tuesday 19 June from h. 18.00 to 19.00 to discuss the posters with the audience.

## GENERAL INFORMATION

**MANS**  
2<sup>ND</sup> CONGRESS

### SIMULATION SESSION

**June 19 - 20, 2018**

The Besta NeuroSim Center will be open to all registered participants to MANS congress at the following times:

**Tuesday, June 19:** 09.00-13.30

**Wednesday, June 20:** 10.30-13.30

*"Simulation" Open-room for everyone who would like to see top-notch neurosurgical simulators, ask questions and see what the Center do. Don't hesitate to ask questions or ask to try the simulators, they are there to help you!!*

Please note that the Simulation Room will be closed to the public in the afternoon of Tuesday 19 and on Wednesday 20 from h. 08.30-10.30 and from 14.30 to the end of the Congress, as the course for neurosurgery scholarships will be ongoing.

### COFFEE BREAKS

*with the support of logo medtronic*

Coffee breaks will be served at the Exhibition Area on Tuesday 19 and Wednesday 20 June from h. 10.00 to 11.00.

### WELCOME RECEPTION

A Welcome Reception will be offered to all registered participants on Monday, June 18 at h. 20.00 throughout the Exhibition Area.

### NETWORKING DINNER

The Networking Dinner will take place at the **Grand Hotel Excelsior** (via Partenope, 48 close to the congress venue) on **Tuesday, June 19, at h. 20.30**

The Organizers welcome all participants to spend a wonderful evening at one of the most famous Hotel of Naples, enjoying its wonderful roof top and ballroom.

*Dress code: formal*

Price per person: € 80,00 (VAT 22% included)

Tickets will be sold till availability of seats by June 18 at h. 19.00 at the Congress Secretariat desks.

### ACCOMPANYING PERSONS' PROGRAM

#### THE ARCHAEOLOGICAL SITE OF POMPEII

Date and time: **June 19, 2018/09:00-13:30**

Price: **€ 60,00 per person (VAT 22% included)**

The city of Pompeii is a partially buried Roman town-city near modern Naples. Along with Herculaneum, Pompeii was partially destroyed and buried under 4 to 6 m (13 to 20 ft) of ash and pumice in the eruption of Mount Vesuvius in AD 79. Pompeii was lost for nearly 1700 years before its rediscovery in 1748. Since then, its excavation has provided an extraordinarily detailed insight into the life of a city during the Pax Romana. Today, this UNESCO World Heritage Site is one of the most popular tourist attractions of Italy, with approximately 2,500,000 visitors every year.

Schedule:

- Departure from the Hotel Royal Continental, Main Hall Hotel Continental, Via Partenope, 48 at h. 09:00
- Return to the Hotel Royal Continental at h. 13:30  
The visit will include:
- Transfer by bus to and from Pompeii
- Ticket to the archaeological site
- Professional English speaking guides for the entire visit to the ruins

***It is suggested to wear comfortable shoes, hat and light dresses.***

### HOTEL ACCOMMODATION

The Organizing Secretariat will be at the participants' disposal for any information regarding hotel reservations.

### NAME BADGES

For security reasons, participants and exhibitors must wear their name badge. It must be worn at all times throughout the congress.

### LANGUAGE

The official language of the Congress is English. Please note that translation facilities will not be provided.

### ORGANIZING SECRETARIAT

**mcm**

EVENTI E CONGRESSI

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