UNDER THE HIGH PATRONAGE OF
HIS MAJESTY KING MOHAMMED VI

5TH WFNS RABAT REFERENCE CENTER-
MOHAMMED V UNIVERSITY SOUSSI CONFERENCE
FOR AFRICAN NEUROSURGEONS
AND
THE CELEBRATION OF THE 10TH ANNIVERSARY OF THE
WFNS RABAT REFERENCE CENTER
NOVEMBER 8-11, 2012

SCIENTIFIC PROGRAM
**Conference Director**

Professor El Khamlichi A. (Rabat, Morocco)

**International Lecturers**

Professor Andrews N.B. (Tema, Ghana)
Professor Arraez M. (Malaga, Spain)
Professor Azevedo H. (Recife, Brazil)
Professor Basso A. (Buenos Aires, Argentina)
Professor Benaissa A. (Algiers, Algeria)
Professor Benazzouz A. (Bordeaux, France)
Professor Benbouzid T. (Algiers, Algeria)
Professor Bertalanffy H. (Hannover, Germany)
Professor Blond S. (Lille, France)
Professor Bouyoucef K.A. (Algiers, Algeria)
Professor Chernov M. (Tokyo, Japan)
Professor Choux M. (Marseille, France)
Professor El Fiki M. (Alexandria, Egypt)
Professor Figaji A. (Cape Town, South Africa)
Professor Hariz M. (London, UK)
Professor Hattab N. (Monastir, Tunisia)
Professor Jemel H. (Tunis, Tunisia)
Professor Lindquist C. (London, UK)
Doctor Nasiru I.J. (Sokoto, Nigeria)
Professor Qureshi M. (Nairobi, Kenya)
Professor Reda W. (Cairo, Egypt)
Professor Roux F.-X. (Paris, France)
Professor Samii A. (Hannover, Germany)
Professor Samii M. (Hannover, Germany)
Professeur Shehu B.B. (Abuja, Nigeria)
Professor Sidi Said A. (Algiers, Algeria)

**Local lecturers**

Professor Arkha Y. (Rabat)
Professor Benabdejil M. (Rabat)
Professor Bouzoubaa Y. (Casablanca)
Professor El Abbadi N. (Rabat)
Doctor El Fatémi N. (Rabat)
Professor El Ouahabi A. (Rabat)
Professor Jiddane M. (Rabat)
Doctor Melhaoui A. (Rabat)
Professor Mesouak O. (Fez)
Doctor Regragui W. (Rabat)
WORKSHOP:
DEEP BRAIN STIMULATION (DBS) IN PARKINSON DISEASE

Thursday, November 8th, 2012
Venue: National Center for Rehabilitation and Neurosciences
Hôpital des Spécialités, Rabat

Learning Objectives:
- Indications and patient selection for DBS
- Practical strategy and modalities applied to improve results and avoid complications
- Long-term management of patients with DBS

07:30-08:30: Registration

08:30-08:35: Welcome and introduction, A. El Khamlichi (Rabat)

08:35-10:00: Session I
Chairmen: A. Benaissa-A. El Azhari
08:35-08:55: Anatomy and neuroimaging of basal ganglia, M. Jiddane (Rabat)
08:55-09:25: DBS in Parkinson Disease: from basic research to clinical therapy, A. Benazzouz (Bordeaux, France)
09:25-10:00: Discussion

10:00-10:30: Coffee Break

10:30-12:30: Session II
Chairmen: S. Blond-M.F. Chaoui
10:30-10:50: Patient selection for movement disorder surgery, O. Mesouak (Fez)
10:50-11:20: Surgical technique: Stereotactic methodology, target selection, implantation technique, S. Blond (Lille, France)
11:20-11:40: Microrecording of the subthalamic nucleus during surgery of Parkinson disease, A. Benazzouz (Bordeaux, France)
11:40-12:00: Early postoperative management of DBS, W. Regragui (Rabat)
12:00-12:30: Discussion

12:30-14:00: Lunch

14:00-15:45: Session III
Chairmen: A. Benazzouz-S. Hilmani
14:00-14:20: Long-term management of DBS patients, M. Benabdejlil (Rabat)
14:20-14:40: Other indications for DBS beside Parkinson Disease, S. Blond (Lille, France)
14:40-15:00: DBS: Algerian Experience, A. Benaissa (Algiers, Algeria)
15:00-15:20: Moroccan Experience, N. El Fatémi (Rabat)
15:20-15:45: Discussion

15:45-16:15: Coffee break

16:15-17:15: Session IV: Clinical cases presentation (10-min. presentation, 5-min. discussion)
Chairmen: A. Lakhdar – A. Aghzadi
16:15-16:30: Hôpital Hassan II, Fez, Department of Neurosurgery, O. Mesouak
16:30-16:45: Hôpital Ibn Rochd, Casablanca, Department of Neurosurgery, H. Othmani
16:45-17:00: Hôpital Ibn Sina, Rabat, Department of Neurosurgery, N. El Fatémi
17:00-17:15: Hôpital des Spécialités, Rabat, Department of Neurosurgery, A. Melhaoui
17:15-17:30: Conclusions and recommendations, A. Melhaoui

17:30: End of the workshop
FIRST AFRICAN SYMPOSIUM ON
FUNCTIONAL NEUROSURGERY AND RADIOSURGERY

Friday, November 9th, 2012
Venue: Hôtel Tour Hassan, Rabat

07:30-08:00: Registration

08:00-08:05: Welcome to the participants, A. El Khamlichi (Rabat)

08:05-09:25: Session V: Epilepsy (15-min. presentation, 5-min. discussion)
  Chairmen: T. Benbouzid-F. Amrani
  08:05-08:25: Burden of epilepsy in africa, can surgery help solve the problem?
                A. El Khamlichi (Rabat)
  08:25-08:45: Tunisian experience in epilepsy surgery, N. Hattab (Monastir, Tunisia)
  08:45-09:05: Algerian Experience in Epilepsy Surgery, T. Benbouzid (Algiers, Algeria)
  09:05-09:25: Radiosurgical management of Epilepsy, A. Melhaoui (Rabat); J. Régis (Marseille, France)

09:25-10:00: CONFERENCE 1
  New surgical concept for restoration of brain function, M. Samii (Hannover, Germany), introduced by A. El Khamlichi

10:00-10:30: Coffee Break

10:30-12:10: Session VI: Radiosurgery (15-min. presentation, 5-min. discussion)
  Chairmen: M. Chernov-R. Gana
  10:30-10:50: Radiosurgery of benign tumors, C. Lindquist (London, UK)
  10:50-11:10: Radiosurgery of malignant tumors, Y. Arkha (Rabat)
  11:10-11:30: Radiosurgery of AVMs, S. Blond (Lille, France)
  11:30-11:50: Radiosurgery in large lesions, W. Reda (Cairo, Egypt)
  11:50-12:10: Radiosurgery of movement disorders, Y. Arkha (Rabat)

12:10-14:00: Lunch

14:00-15:40: Session VII: Pain and spasticity (15-min. presentation, 5-min. discussion)
  Chairmen: C. Lindquist-M. Belghmaidi
  14:00-14:20: Surgery of trigeminal neuralgia: Moroccan experience, A. El Ouahabi (Rabat)
  14:20-14:40: Radiosurgical Management of trigeminal Neuralgia, C. Lindquist (London, UK)
  14:40-15:00: Trigeminal neuralgia – current conceptions of management, M. Qureshi (Nairobi, Kenya)
  15:00-15:20: Dorsal root entry zonectomy : indications and surgical techniques, A. Benaisa (Algiers, Algeria)
  15:20-15:40: Management of intractable spasticity, N. Hattab (Monastir, Tunisia)
  15:40: End of the session

16:30-18:30: Visit of the Gamma Knife Unit at the National Center for Rehabilitation and Neurosciences – Hôpital des Spécialités

16:00-18:00: Meeting of the Steering Committee of “Africa 100” project with Professor M. Samii and chairmen of the proposed training centers
07:30-08:00: Registration

08:00-08:05: Welcome to the participants

08:05-09:45: Session VIII: Skull base tumors (15-min. presentation, 5-min. discussion)
Chairmen: A. Sidi Said, A. Ait Ben Ali
08:05-08:25: Ethmoidal carcinoma, F.X. Roux (Paris, France)
08:25-08:45: Multimodality Treatment of Pituitary Adenomas, A. Basso (Buenos Aires, Argentina)
08:45-09:05: Microsurgical treatment of tumor involving the craniocervical junction, H. Bertalanffy (Hannover, Germany)
09:05-09:25: Contemporary role of radiosurgery in the management of skull base tumors, M. Chernov (Tokyo, Japan)
09:25-09:45: Anterior skull base meningiomas, N. El Abbadi (Rabat)

09:45-10:15: Conference 2
Philosophy of approaches for midline processes, M. Samii (Hannover, Germany), introduced by A. El Khamlichi

10:15-10:45: Conference 3
Lesional surgery in movement disorders and psychosurgery, M. Hariz (London, UK), introduced by A. El Khamlichi

10:45-11:15: Coffee Break

11:15-12:15: Opening Ceremony & 10th Anniversary celebration

12:15-14:00: Lunch

14:00-15:40: Session IX: Cerebrovascular Malformations (15-min. presentation, 5-min. discussion)
Chairmen: M. Qureshi, A. Ouammou
14:00-14:20: Intraoperative ICG Angiography in Aneurysms and AVMs, M.A. Arraez (Malaga, Spain)
14:20-14:40: Challenges with difficult intracranial aneurysms: 15 years’ experience without using brain retractors, H. Azevedo (Recife, Brazil)
14:40-15:00: Management of supra and infratentorial cerebral cavernous malformations, H. Bertalanffy (Hannover, Germany)
15:00-15:20: Continuous changes in the management of cerebrovascular malformations, A. El Ouahabi (Rabat)
15:20-15:40: Clinically relevant pathophysiology of traumatic brain injury, A. Figaji (Cape Town, South Africa)

15:40-16:00: Coffee Break
16:00-16:45: Session X: African neurosurgery in transition (10-min. presentation, 5-min. discussion)
   16:00-16:15: Advocacy for neurosurgery as primary Health care in low and middle-income country? N. B. Andrews (Tema, Ghana)
   16:30-16:45: WFNS Rabat Reference center: 10-year experience and future perspectives, A. El Khamlichi (Rabat)

16:45-17:45: Session XI: How I do it (10-min. presentation, 5-min. discussion)
   Chairmen: K.A. Bouyoucef - B. El Mostarchid
   16:45-17:00: How I do it: Surgery of vestibular schwannomas, M. Samii (Hannover, Germany)
   17:00-17:15: Hydrocephalus: Personal recommendations of the surgical treatment, A.K. Bouyoucef (Algiers, Algeria)
   17:15-17:30: Endoscopic approach of pituitary tumors: The learning curve, M.A. Arraez (Malaga, Spain)
   17:30-17:45: Dorsal foraminotomy in the cervical spine: indications and technique, A. Samii (Hannover, Germany)

17:45-18:15: Special lecture
   Tailored surgical treatment of Parkinson disease, M. Hariz (London, UK)

18:15: End of session
08:00-09:40: Session XII: Low-grade gliomas (15-min. presentation, 5-min. discussion)
   Chairmen: M. El Fiki-S. Derraz
   08:00-08:20: Low grade astrocytomas, H. Jemel (Tunis, Tunisia)
   08:20-08:40: Pilocytic Astrocytoma: Myths and Realities, M.A. Arraez (Malaga, Spain)
   08:40-09:00: Surgery of low grade gliomas located in functional areas,
                A. Benaissa (Algiers, Algeria)
   09:00-09:20: Management of low grade gliomas in the Brainstem in children,
                M. Choux (Marseille, France)
   09:20-09:40: The use of navigation and intraoperative MRI in surgery of supratentorial gliomas, A. Samii (Hannover, Germany)

09:40-10:00: Coffee Break

10:00-11:40: Session XIII: Head and spine injury (15-min. presentation, 5-min. discussion)
   Chairmen: N. Hattab-M. Fadli
   10:00-10:20: Gunshot wounds to the spine revisited, H. Azevedo (Recife, Brazil)
   10:20-10:40: Management of paradigm for atlanto-axial subluxation in low and middle-income countries, N.B. Andrews (Tema, Ghana)
   10:40-11:00: Head Traumas in infants, M. Choux (Marseille, France)
   11:00-11:20: De-compressive craniectomy in severe head injuries, M. El Fiki (Alexandria, Egypt)
   11:20-11:40: Subdural hematoma and anticoagulants, Y. Bouzoubaa (Casablanca)

11:40-12:40: Session XIV: Central Nervous System Malformations (15-min. presentation, 5-min. discussion)
   Chairmen: H. Jemel-M. Gazzaz
   11:40-12:00: CNS malformations, A. Sidi Said (Algiers, Algeria)
   12:00-12:20: Modern management of spinal lipomas, M. Choux (Marseille, France)
   12:20-12:40: Neural tube defects, M. El Fiki (Alexandria, Egypt)

12:40-12:50: Closure
12:50-15:00: Lunch
15:00-18:00: Discovering Rabat
Social Events

- Nov. 9th afternoon (16:30-18:30): Visit of the Gamma Knife Radiosurgery Unit and Neurosciences Center at Hôpital des Spécialités
- Nov. 9th evening (20:30-23:00): Dinner at El Khamlichis’ (for lecturers)
- Nov. 10th morning (11:00): Opening ceremony of the conference
- Nov. 10th evening: Gala dinner