



مؤسسة مستشفى سرطان
الأطفال - مصر
Children's Cancer Hospital
Foundation - Egypt



4th Annual Conference of Neurosurgery Department
Children's Cancer Hospital Egypt (CCHE-57357)

and

2nd Annual Conference of African Pediatric
Neuro-Oncology Society (APNOS)

In collaboration with

Neurosurgery Department - Kasr Al-Ainy School of Medicine

www.
57357.org

Pediatric Neurosurgery

State
of
Art



March

2nd - 4th, 2023

Children's Cancer Hospital 57357

in collaboration with

Egyptian Society of Neurological Surgeons (ESNS)

World Federation of Neurosurgical Societies (WFNS)

International Society for Pediatric Neurosurgery (ISPN)



جمعية أخصماء الأعصاب
الوقعية تحت السرطان
Association of Pediatric
Neurological Surgeons of Egypt



Egypt
Cancer Network
USA



Egypt
Cancer Network
Cairo



ISPN
INTERNATIONAL SOCIETY FOR
PEDIATRIC NEUROSURGERY

4th Annual Conference of Neurosurgery Department,
Children's Cancer Hospital Egypt (CCHE-57357)
and 2nd Annual Conference of (APNOS)

www.
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Day 1

P R O G R A M

Thursday

... March 2nd, 2023



08:00
09:00

Registration



09:00
09:55

OPENING CEREMONY & WELCOME NOTE

Chairpersons:

Sherif Abouelnaga - Naser El Ghandour - Ramy Amin -
Mohamed El Beltagy

09:00-09:10

Welcome Note.
Prof. Dr. mohamed Ayman Ashour
Minister of Higher Education & Scientific Research

09:10-09:20

Welcome Note.
Prof. Dr. Sherief Abouelnaga
CEO, Children's Cancer Hospital Foundation

09:20-09:30

Welcome Note.
Prof. Dr. Naser El Ghandour
Treasure of WFNS

09:30-09:40

Welcome Note.
Prof. Dr. Ramy Amin
Head of Neurosurgery department Kasr Alainy Hospital Cairo University

09:40-09:55

CCHE Experience: CNS tumors.
Prof. Dr. Mohamed El Beltagy
Head of Neurosurgery Department CCHE-57357

Day 1

P R O G R A M

Thursday

... March 2nd, 2023



SESSION: BRAIN STEM GLIOMA

Chairpersons: Amr Safwat - Ashraf El Abyad - Ibrahim Ewais - Mohamed Abdel-Aal

09:55-10:15 Classification of Brainstem Tumors.
Maurice Choux (France)

10:15-10:30 Diffuse brainstem tumors, the role, and techniques for tumor biopsy.
Ulrich-Wilhelm Thomale (Germany)

10:30-10:45 Survival and Neurological outcomes after Stereotactic biopsy of Diffuse intrinsic pontine glioma.
Michael DeCuyper (USA)

10:45-11:00 Brain stem tumors.
Liliana Goumnerova (USA)

11:00-11:15 Discussion

11:15-11:30
Coffee Break

Day 1

P R O G R A M

Thursday

... March 2nd, 2023



SESSION: CRANIOPHARYNGIOMA

Chairpersons: Ahmed Eissa - Sherif Ezzat - Abdel Wahab Ibrahim - Mahmoud Taha

- 11:30-11:50 Long term follow-up of craniopharyngioma series.
Frederick A. Boop (USA)
- 11:50-12:05 Recent biological discovery and Upcoming clinical trials in pediatric Craniopharyngioma.
Todd Hankinson (USA)
- 12:05-12:20 What is the right approach to craniopharyngioma.
John Myseros (USA)
- 12:20-12:35 Long term functional outcome and quality of life: radical surgery vs surgery/radiation in craniopharyngioma.
Jeffrey H. Wisoff (USA)
- 12:35-12:50 Management of pediatric craniopharyngioma: CCHE experience.
Mohamed El Beltagy (Egypt)
- 12:50-13:00 Impaired mitochondrial respiratory function in craniopharyngioma: Shedding new lights on the origin and pathogenesis of the tumor.
Sameh Saad (Egypt)
- 13:00-13:15 Discussion

Day 1

P R O G R A M

Thursday

... March 2nd, 2023



SESSION: LOW GRADE GLIOMA

Chairpersons: Elgohary M. Elgohary - Mohamed Mohi Eldin - Waleed Elsaadany
Yasser Omar

13:15-13:30 LGG experience in Cape Town.
Alan Davidson (South Africa)

13:30-13:45 Multidisciplinary management of pediatric LGGs.
Jeffrey H. Wisoff (USA)

13:45-14:00 Subependymal giant astrocytoma: management in children with TS.
Jeffrey P. Blount (USA)

14:00-14:15 LGGs: newer therapies, similar outcomes?
Murali Chintagumpala (USA)

14:15-14:30 Resection extent and BRAF V600E mutation status determine
postoperative tumor growth velocity in pediatric low-grade glioma.
Martin U. Schuhmann (Germany)

14:30-14:45 Discussion

14:45-15:45
Lunch Break

Day 1

P R O G R A M

Thursday

... March 2nd, 2023



SESSION: EPENDYMOMA

- Chairpersons:** Essam Rashad - Wael Elmahdy - Radwan Elnuoby - Ezzat Abdel Khalek
- 15:45-16:00 Recurrent pediatric infratentorial Ependymoma: A meta-analysis on outcome and molecular classification.
Michael DeCuyper (USA)
- 16:00-16:15 Ependymoma biology as relevant to pediatric neurosurgery.
Michael Taylor (Canada)
- 16:15-16:30 Intratumoral G207 HSV for treatment of recurrent pediatric malignant brain tumors.
James Johnston (USA)
- 16:30-16:45 Direct administration of chemotherapy into the fourth ventricle of the brain to treat recurrent malignant brain tumors in children.
David Sandberg (USA)
- 16:45-17:00 Re-irradiation in recurrent pediatric brain tumors.
Mohamed Saad Zaghoul (Egypt)
- 17:00-17:15 Brain Cancer in Sub-Saharan Africa and treatment guidelines in Tanzania.
Jerry Ndumbalo (Tanzania)
- 17:15-17:30 Discussion

Day 1

P R O G R A M

Thursday

... March 2nd, 2023



SESSION1: MEDULLOBLASTOMA

Chairpersons:

**Ibrahim Lotfy - Mamdouh Salama - Essam Abdelkawey
Mohamed Fathy**

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|-------------|--|
| 17:30-17:45 | Infant low risk medulloblastoma: therapeutic successes and failures and options for the future.
Girish Dhall (USA) |
| 17:45-18:00 | Cerebellar mutism; risk factors.
Robert Keating (USA) |
| 18:00-18:15 | The role of ADGRB adhesion GPCR receptors in medulloblastoma.
Erwin Van Meir (USA) |
| 18:15-18:30 | Medulloblastoma: biology as relevant to pediatric neurosurgery.
Michael Taylor (Canada) |
| 18:30-18:45 | Shunting in posterior fossa tumors including medulloblastoma subgrouping.
Guirish A. Solanki (UK) |
| 18:45-19:00 | Medulloblastoma: report of 2 cases with 30 years post operative survival, lessons learned.
Tawfeek Helmy (Egypt) |
| 18:45-19:15 | Discussion |

Day 2

P R O G R A M

Friday

... March 3rd, 2023



SESSION: NEURO-ONCOLOGY MISCELLANEOUS I

- Chairpersons:** **Mohamed Shehab - Abd-Elhafiz Shehab-Eldien - Ayman Galhoum
Waleed Sharshera**
- 08:30-08:40 Benign peripheral nerve sheath tumors in pediatric age group;
management algorithm.
Hesham El Sobky (Egypt)
- 08:40-08:55 Pineoblastoma: local experience -the new WHO classification.
Alan Davidson (South Africa)
- 08:55-09:10 Endoscopic and microsurgical management of pineal region tumors in
children.
Samer K. Elbabaa (USA)
- 09:10-09:25 Germ Cell tumor -CCHE experience.
Mohamed Rady (Egypt)
- 09:25-09:40 The Role of HIFU/LIFU for pediatric brain tumors.
Robert Keating (USA)
- 09:40-10:00 Spinal Cord Tumors.
Maurice Choux
- 10:00-10:15 Discussion

Day 2

P R O G R A M

Friday

... March 3rd, 2023



SESSION: EPILEPSY & FUNCTIONAL

Chairpersons:

**Ramy Amin - Mohammed Bassiouny - Roshdy Elkhayat
Mohamed Amer**

- 10:15-10:30 Pediatric epilepsy surgery.
Jeffrey P. Blount (USA)
- 10:30-10:45 Epilepsy-associated pediatric brain tumors.
Sandi Lam (USA)
- 10:45-11:00 Structural and functional monitoring in pediatric brain tumor surgery.
Llewellyn Padayachy (South Africa)
- 11:00-11:15 Selective dorsal rhizotomy.
Kristian Aquilina (USA)
- 11:15-11:30 Transorbital point of care ultrasound versus fundoscopic papilledema to identify potentially elevated intracranial pressure in children.
Martin Schuhmann (Germany)
- 11:30-11:40 Surgical role in Pediatric brain tumors with refractory epilepsy.
Mohamed El Beltagy (Egypt)
- 11:40-11:50 The dual effect of Vagus nerve stimulation in pediatric patients with drug-resistant epilepsy: Is there more than seizure-control?
Walid Abdel Ghany (Egypt)
- 11:50-12:00 Discussion

12:00-13:00
Gomaa Prayer
& Coffee Break

Day 2

P R O G R A M

Friday

... March 3rd, 2023



SESSION: NEURO-ONCOLOGY MISCELLANEOUS II

Chairpersons:	Hazem Abdel Badiea - Nabil Mansour - Khaled El-bahy - Tamer Hasan
13:00-13:15	Immunotherapy using CAR T cell for brain cancers. Nabil M. Ahmed (USA)
13:15-13:30	Role of surgery in focal Brain stem tumors. Kristian Aquilina (UK)
13:30-13:45	Epigenetic reactivation of ADGRB1/BAI1 suppresses tumor invasion, recurrence, and spinal metastasis in glioblastoma by blocking TGFb1 maturation. Erwin Van Meir (USA)
13:45-14:00	Evolving operative adjuncts in pediatric brain tumor surgery. Todd Hankinson (USA)
14:00-14:15	SIOG Global Mapping data on neuro-oncology services in Africa: what is available and where. Jennifer Geel (South Africa)
14:15-14:30	Ependymoma: surgical challenges for GTE. Ulrich-Wilhelm Thomale (Germany)
14:30-14:45	Controversies in the management of CNS germ cell tumors. Girish Dhall (USA)
14:45-15:05	Global childhood cancer initiative. Frederick A. Boop (USA)
15:05-15:15	Discussion

15:15-16:00
Lunch Break

Day 2

P R O G R A M

Friday

... March 3rd, 2023



SESSION: CONGENITAL ANOMALIES

- Chairpersons:** Tarek Elfar - Khaled Bassim - Salah Abdel Khalek -Mohamed Khalaf
- 16:00-16:20 Surgical management of Exophthalmos associated to sphenoid Agenesis:
Neurofibromatosis Type one.
Concezio Di Rocco (Germany)
- 16:20-16:35 Craniosynostosis.
John Myseros (USA)
- 16:35-16:50 The "internal helmet" technique for correction of trigonocephaly.
Khaled Bassim (Egypt)
- 16:50-17:05 Sagittal synostosis: evolution of management.
Sarah C. Jernigan (USA)
- 17:05-17:20 Pediatric cranio-cervical junction anomalies & outcome of surgery.
Guirish A. Solanki (UK)
- 17:20-17:35 Neurosurgical management of Arachnoid cysts
David I. Sandberg (USA)
- 17:35-17:45 Spinal lipoma in children overview and surgical outcome.
Amr Faried (Egypt)
- 17:45-18:00 Discussion

Day 2

P R O G R A M

Friday

... March 3rd, 2023



SESSION: NEURO-ENDOSCOPY

Chairpersons: Ahmed Zohdi - Ahmed Alghariany - Hatem Badr - Hossam Elnomany

18:00-18:15 Globalization of Japanese Neuro-endoscopic Surgery.
Kenichi Nishiyama (Japan)

18:15-18:30 Endoscopic management of intraventricular tumors.
Ahmed Zohdi (Egypt)

18:30-18:45 ETV and ETV/CPC for managing hydrocephalus in the fetal In-Utero Spina Bifida Repair Patient Population.
Samer K. Elbabaa (USA)

18:45-19:00 Endoscopic management of complex hydrocephalus.
Llewellyn Padayachy (South Africa)

19:00-19:15 Expanding the role of neuro-endoscopy in pediatric brain tumor management.
Sandi Lam (USA)

19:15-19:30 Discussion

Day 3

P R O G R A M

Saturday

... March 4th, 2023



WORKSHOPS LECTURES

Chairpersons:

Ahmed Zohdi -Omar Hammad - Hamdi Beheiry - Ahmed Zaher

09:30-09:45

Tips for endoscopic management in hydrocephalus.
Kenichi Nishiyama (Japan)

09:45-10:00

Endoscopic endonasal approach in the pediatric population.
Schroeder (Germany)

10:00-10:15

Endoscopic-assisted Microsurgical management of pediatric brain and skull base tumors.
Samer K. Elbabaa (USA)

10:15-10:30

Endoscopic Anatomy of the ventricles.
Ahmed Zohdi (Egypt)

10:30-10:45

Endoscopic third ventriculostomy in pediatric brain tumors.
Liliana Goumnerova (USA)

10:45-11:00

Colloid cysts and the role of endoscope assisted microscopic resection: a comparative controlled study.
Ahmed Al Menabbawy (Germany)

Day 3

P R O G R A M

Saturday

... March 4th, 2023



WORKSHOPS LECTURES

- 11:00-11:15 The use of flexible endoscope for treatment of infantile hydrocephalus by ETV/CPC preliminary results of an ongoing clinical study.
Assem M. Abdelalif (Egypt)
- 11:15-11:30 Intraoperative ultrasound in pediatric brain surgery.
Llewellyn Padayachy (South Africa)
- 11:30 -11:45 Intraoperative neuro-monitoring during brain surgery (Surgeon perspective).
Mahmoud Abbassy (Egypt)
- 11:45-12:00 Intraoperative neuro-monitoring (Neurophysiologist perspective).
Samar M. Hussein (Egypt)

12:00-12:30
Coffee Break

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Day 3

P R O G R A M

Saturday

... March 4th, 2023



12:30
16:00

WORKSHOPS Hands

Room A: Neuro-endoscopy

Faculty: Prof. Ahmed Zohdi, MD Prof. Henry W. S. Schroeder, MD
Prof. Lilyana Goumnerova, MD Prof. Samer K. Elbabaa, MD
Prof. Omar Hammad, MD Prof. Mohamed Rady, MD

Room B: Intraoperative U/S

Faculty: Prof. Mohamed El Beltagy, MD Prof. Llewellyn Padayachy, MD
Prof. Abdelrhman Enayet, MD Dr. Ahmed Atallah, MD

Room C: Intraoperative Electrophysiology

Faculty: Prof. Jeffrey P. Blount, MD Dr. Mahmoud Abbassy, MD
Dr. Samar M. Hussein, MD

16:00-17:00
Lunch

