



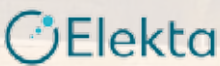
# ISRS

EDUCATIONAL COURSE

**FEBRUARY 21 - 22, 2019;**  
**Intercontinental City Stars, CAIRO, EGYPT**



**Sponsored By:**



**"Organized in Collaboration with WFNS Radiosurgery Committee"**



**WORLD FEDERATION OF  
NEUROSURGICAL SOCIETIES**



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## Guest Speakers



### Alexander Pankratov; MD

Chairman of Radiation Oncology Department Moscow Region Oncology and Radiology Center  
"PET-Technology Balashikha"; Balashikha, Moscow region, Russia



### Anna Odložilíková, PhD

Clinical Radiology Physicist . Masaryk Memorial Cancer Institute; Brno, Czech Republic



### CP Yu, MD

Consultant Neurosurgeon and Director of Gamma Knife, The Brain Centre, Canossa Hospital  
Hong Kong, SAR, China



### EnMin Wang; MD

Professor and Director, Gamma Knife and CyberKnife Center  
Huashan Hospital, Fudan University; Shanghai, China



### Ian McCutcheon; MD

Professor, Department of Neurosurgery, MD Anderson Cancer Center; Houston, TX, USA



### Irina Zubatkina; PhD

Senior Physicist, Radiosurgery Center, Medical Institute named after Dr. Berezin Sergey; St. Petersburg, Russia



### Maris Mezeckis; MD

Radiation Oncologist, Sigulda Radiosurgery Center, Sigulda, Latvia



### Mikhail Chernov; MD

Assistant Professor, Faculty of Advanced Techno-Surgery; Tokyo Women's Medical University; Tokyo, Japan  
WFNS Board member (2015 - 2019) ; Co-Chair of ISRS Education Committee  
Member of WFNS Radiosurgery Committee



### Sergey Anikin; MD

Neurosurgeon, Radiosurgery Center, Medical Institute named after Dr. Berezin Sergey; St. Petersburg, Russia



### Vladislav Buryk; MD

Neurosurgeon, Sigulda Radiosurgery Center, Sigulda, Latvia





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## Director:



### **Dr. Wael A. Reda**

Medical director Gamma Knife Center Cairo  
Professor of Neurosurgery  
Ain Shams University, Faculty of Medicine  
Cairo, Egypt

## Co-Directors:



### **Dr. Mikhail Chernov**

Assistant Professor  
Faculty of Advanced Techno-Surgery; Tokyo Women's Medical University; Tokyo, Japan  
WFNS Board member (2015 - 2019)  
Co-Chair of ISRS Education Committee  
Member of WFNS Radiosurgery Committee



### **Dr. Khaled Abdel Karim**

Deputy medical director Gamma Knife Center  
Professor of Clinical Oncology  
Ain Shams University, Faculty of Medicine  
Cairo, Egypt



### **Dr. Amr El-Shehaby**

Deputy medical director Gamma Knife Center Cairo  
Professor of Neurosurgery  
Ain Shams University, Faculty of Medicine  
Cairo, Egypt

## Organizing Committee



### **Dr. Reem Emad El-Din**

Radiation Oncologist Gamma Knife Center Cairo  
Assistant professor of Radiation Oncology  
National Cancer Institute, Cairo University  
Cairo, Egypt



### **Dr. Ahmed Nabeel**

Neurosurgeon Gamma Knife Center Cairo  
Lecturer of Neurosurgery  
Benha University, Faculty of Medicine  
Qalubya, Egypt



### **Dr. Sameh Tawadros**

Neurosurgeon Gamma Knife Center Cairo  
Lecturer of Neurosurgery  
Ain Shams University, Faculty of Medicine  
Cairo, Egypt



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## ISRS Educational Course "SRS/SRT in Management of Benign Intracranial Tumors, Head & Neck and Abdominal Cancers, Spine Radiosurgery, Medical Physics for Radiosurgery"

**February 21, 2019 (Thursday)**

**08.30 am : 08.45 am** | Greetings

**08.45 am : 10.20 am** | Session I: SRS/SRT in Management of Vestibular Schwannomas

**Moderators:** CP Yu (*Hong Kong, China*)  
Ibrahim Ewais (*Cairo, Egypt*)  
Ashraf Al-Abyad (*Cairo, Egypt*)

- Vestibular Schwannomas: Overview
- Surgery for Vestibular Schwannomas
- Radiosurgery of Sporadic Vestibular Schwannomas
- Radiosurgery of Schwannomas in Patients with Neurofibromatosis Type 2
- Discussion

*Mohamed Hafez (Cairo, Egypt)*  
*Ali Kotb (Cairo, Egypt)*  
*Mikhail Chernov (Tokyo, Japan)*  
*Alexander Pankratov (Balashikha, Russia)*

**10.20 am : 10.35 am** | Coffee Break

**10.35 am : 11.15 am** | Plenary Lecture

- Modern Radiosurgical Strategies for Management of Vestibular Schwannomas

*CP Yu (Hong Kong, China)*

**Moderators:** Mikhail Chernov (*Tokyo, Japan*)  
Nasser Mosaad (*Benha, Egypt*)  
Osama Abd El-Aziz (*Alexandria, Egypt*)

**11.15 am : 11.55 am** | Plenary Lecture

- Radiosurgery of Non-vestibular Schwannomas | *EnMin Wang (Shanghai, China)*

**Moderators:** Mikhail Chernov (*Tokyo, Japan*)  
Osama Abd El-Aziz (*Alexandria, Egypt*)

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## February 21, 2019 (Thursday)

11.55 am : 12.55 pm | Satellite Symposium of Elekta  Elekta

12.55 pm : 02.00 pm | Group photo / Lunch

02.00 pm : 03.00 pm | Satellite Symposium of ACCURAY  ACCURAY

03.00 pm : 03.15 pm | Coffee Break

03.15 pm : 03.55 pm | Plenary Lecture

■ Imaging for Stereotactic Radiosurgery | *Irina Zubatkina (St. Petersburg, Russia)*

Moderators: *Ian McCutcheon (Houston, USA),  
Mohamed El-Beltagy (Cairo, Egypt)  
Walid Badawy (Benha, Egypt)*

03.55 pm : 05.10 pm | Session II : SRS/SRT of Meningiomas

Moderators: *Ian McCutcheon (Houston, USA)  
Mohamed El-Beltagy (Cairo, Egypt)  
Walid Badawy (Benha, Egypt)*

- SRS/SRT of Convexity and Parasagittal Meningiomas | *Sergey Anikin (St. Petersburg, Russia)*
- SRS/SRT of Skull Base Meningiomas | *CP Yu (Hong Kong, China)*
- SRS/SRT for Parasellar Meningiomas | *Maris Mezeckis (Sigulda, Latvia)*
- Discussion

05.10 pm : 06.25 pm | Session III : SRS/SRT of Sellar Tumors

Moderators: *EnMin Wang (Shanghai, China)  
Azza Taher (Cairo, Egypt)  
Hazem Abd El-Badee (Cairo, Egypt)*

- SRS/SRT in Vicinity to Anterior Optic Pathways | *Sergey Anikin (St. Petersburg, Russia)*
- Role of SRS/SRT in Management of Pituitary Adenomas | *Ian McCutcheon (Houston, USA)*
- Role of SRS/SRT in Management of Craniopharyngiomas | *Amr El-Shehaby (Cairo, Egypt)*
- Discussion

06.25 pm : 06.30 pm | Closing Remarks for the First Day

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## February 22, 2019 (Friday)

**09.00 am : 10.15 am** | Session IV : SRS/SRT for Head and Neck Cancers

**Moderators:** Sergey Anikin (*St. Petersburg, Russia*)  
Reem Emad El-Din (*Cairo, Egypt*)

- Radiobiology of High-dose Irradiation in Cases of Head and Neck Malignancies | *Anna Odložilíková (Brno, Czech Republic)*
- Radiosurgery of Skull Base Malignancies | *Ian McCutcheon (Houston, USA)*
- SRS/SRT of Head and Neck Cancers | *Vladislav Buryk (Sigulda, Latvia)*
- Discussion

**10.15 am : 10.30 am** | Coffee Break

**10.30 am : 11.45 am** | Session V: Medical Physics for Radiosurgery

**Moderators:** Maris Mezeckis (*Sigulda, Latvia*)  
Medhat El-Sebae (*Cairo, Egypt*)  
Ihab Maarof (*Cairo, Egypt*)

- Radiobiology of High Doses | *Medhat El-Sebaei (Cairo, Egypt)*
- Modeling of SBRT, SRT and SRS | *Anna Odložilíková (Brno, Czech Republic)*
- Inhomogeneous Dose Distribution in SRT of Intracranial Malignancies: A Strategy for Improving Efficiency | *Irina Zubatkina (St. Petersburg, Russia)*
- Discussion

**12.00 pm : 01.00 pm** | Friday Prayer

**01.00 pm : 02.00 pm** | Lunch

**02.00 pm : 02.40 pm** | Plenary Lecture

- SRS/SRT in Management of Extra- and Intra-axial Spinal Cord Tumors | *Vladislav Buryk (Sigulda, Latvia)*

**Moderators:** Alexander Pankratov (*Balashikha, Russia*)  
Khaled Saoud (*Cairo, Egypt*)  
Ahmed Nabeel (*Benha, Egypt*)  
Khaled Abd El-Karim (*Cairo, Egypt*)

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## February 22, 2019 (Friday)

02.40 pm : 03.20 pm | Plenary Lecture

■ SRS/SRT of Spinal Metastases | *EnMin Wang (Shanghai, China)*

Moderators: Alexander Pankratov (*Balashikha, Russia*)

Khaled Saoud (*Cairo, Egypt*)

Ahmed Nabeel (*Benha, Egypt*)

Khaled Abd El-Karim (*Cairo, Egypt*)

03.20 pm : 03.35 pm | Coffee Break

03.35 pm : 04.15 pm | Plenary Lecture

■ Radiation Therapy and Radiosurgery for  
Cancer of the Digestive System | *Alexander Pankratov (Balashikha, Russia)*

Moderators: Vladislav Buryk (*Sigulda, Latvia*)

Amro Sakr (*Cairo, Egypt*)

Hany A Aziz (*Cairo, Egypt*)

04.15 pm : 04.55 pm | Plenary Lecture

■ SRS/SRT of Oligometastatic Cancer | *Maris Mezeckis (Sigulda, Latvia)*

Moderators: Vladislav Buryk (*Sigulda, Latvia*)

Amro Sakr (*Cairo, Egypt*)

Hany A Aziz (*Cairo, Egypt*)

04.55 pm : 05.10 pm | Closing Lecture

■ ISRS, Its Current Activities, and Future Projects | *Mikhail Chernov (Tokyo, Japan)*

Moderator: Wael Reda (*Cairo, Egypt*)

05.10 pm : 05.20 pm | Closing Remarks / Certification

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**Gamma Knife Center**

Nasser Institute - Cairo, Egypt

**The Gamma Knife Center** has been in operation since June 2001. The Gamma Knife Center is the first in Egypt and Africa. Gamma Knife Center is currently running the "ICON" the most advanced gamma knife machine worldwide. We have treated over 7000 patients.

**Gamma Knife Center** is proud of supervision & training of neurosurgeons from Egypt and Middle East, 16 of them has successfully achieved MD degree.

**Gamma Knife Center** successfully published 21 papers in the most prestigious scientific newspapers including Journal of neurosurgery and the Journal of Clinical Endocrinology & Metabolism



**Gamma Knife is used in treating the following conditions:**

- Arteriovenous malformation
- Pituitary gland tumor
- 8th nerves tumors
- Meningioma
- Pineal body tumor
- Some eye and optic nerve tumors
- Some tumors of nasopharynx, head & neck.
- Brain metastasis
- Trigeminal neuralgia



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## Notes

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& Exhibition Organizing (U.A.E)  
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