

Masterclass Advanced Neurosurgery 1

Abbreviations:

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Day 1 August 29th

08:30-10:30 Introduction

- Welcome, Introduction (organization GD), Overview and learning outcomes (FF, BM)
- Introduction to brain surgery (FF)

10:30-11:00 Break

11:00-12:00 Clinical cases-based discussion

- Imaging of brain tumors, the DI perspective, (DS)
- Imaging of brain tumors, the surgeon's perspective (FF)

12:00-13:00 Introduction to pituitary tumor surgery (BM)

Lunch break

14:00-15:00 Clinical cases-based discussion

- Imaging of pituitary tumors, the imager's perspective (DS)
- Imaging of pituitary tumors, the surgeon's perspective (BM)

15:00-15:45 Anesthesia for brain and pituitary tumor surgery patients part 1(HvO Online)

15:45-16:15 Break

16:15-16:45 Anesthesia for brain and pituitary tumor surgery patients part 2 (HvO Online)

16:45-18:00 More clinical cases and discussion

- Use of 3D modelisation in skull reconstruction
- More...

19:00: Social Dinner

Day 2 August 30th

08:30-10:00 Pituitary surgery (BM)

- Pituitary surgery in dogs
- Pituitary surgery in cats

10:00-10:30 Break

10:30-12:00 Postoperative intensive care of brain and pituitary tumor surgery patients (CV) Online

12:00-12:45 Radiation therapy in treatment of Brain and pituitary tumors (MZ) Online

12:45-13:45 Lunch

13.45-17.30 Wet labs

Free evening

Day 3 August 31st Brain surgery

08:30-10:30 Brain surgery: technical aspects (FF)

- Craniotomy / craniectomy (surgical approaches, handling and closure techniques)
- Ventriculoperitoneal shunt placement (demonstration)

10:30-11:00 Break

11:00 -12:30: Wet-lab 1

12:30-13:30 Lunch break

13:30- 16:30 Wet lab 2

16:30-17:00 Wrap-up, Debriefing and farewell

The course program is subject to last minute slight changes

