

CCN

REVIEW MASTER COURSE 2025

ANA
INNOVATION
Education - Clinical Practice - Research

ns
NABEEL ALSHAFI
NEURO SPINE

Nov 23 - 28, 2025

The Hilton Garden Inn Airport
Krakow, Poland

REGISTRATION FEE INCLUDES

Entire Event Coverage: 5 days / 12 hours a day

- Over 60 hours of case presentations and plenary lectures.
- Comprehensive & up-to-date neurosurgery literature review.
- Relevant neuroradiology and neuropathology lectures.
- Discussions of surgical approaches in real-life scenarios.
- Surgical approaches and anatomical video teaching.
- Round table discussions on every area of neurosurgery.
- 95+ case scenarios discussed in a small group intimate format.
- 95+ hot seat scenarios; oral board exam preparation.
- Feedback and private assessment of performance summary.
- Each participant will have a profile with personalized data and study material.
- Real-time Interactive Voting.
- Educational and fun competitive games.
- Additional Social Networking Events And MORE ...

FOR MORE INFORMATION

www.ccnreview.com | www.alshafaiacademy.org

Nov 23, 2025, Sunday:

13:00 - 16:00	Registration Confirmation
16:00 - 16:30	N. S. Alshafai, Introduction and orientation to the CCN Review 2025
16:30 - 17:00	J. Rossiter, Introduction to Neuro Pathology 1
17:00 - 17:30	L. Alshafai, Introduction to Neuro Radiology
17:30 - 18:00	J. Rossiter, Introduction to Neuro Pathology 2
18:00 - 18:30	N. S. Alshafai, Clinical Exam for Peripheral Nerve
18:30 - 19:00	L. Alshafai, Cranial Nerve Radiological Anatomy 1
19:00 - 19:30	N. S. Alshafai, A Guide in How to Perform in Oral Examination
19:30 - 20:00	L. Alshafai, Cranial Nerve Radiological Anatomy 2

Course Day ONE

November 24, 2025, Monday

Spine Surgery Chapter

07:30 - 08:15 **J. Hurlbert**, Decompressing the Spine – When and How?

08:15 - 08:45 **N. S. Alshafai**, Biomechanics of the Spine

08:45 - 09:30 **J. Hurlbert**, Reconstructing the Spine – When and How?

09:30 - 09:45 **Coffee Break**

09:45 - 10:15 **N. S. Alshafai**, Spinal Column Tumors - A to Z

10:15 - 10:30 **TBA**, Minimally Invasive Spine Surgery

10:30 - 11:00 **J. Hurlbert**, Cervical Spinal Column Trauma - Classification and Surgical Management

11:00 - 11:30 **N. S. Alshafai**, Thoracolumbar Spinal Column Trauma - Classification and Surgical Management

11:30 - 12:00 **J. Hurlbert**, Spinal Cord Injury and Beyond

12:00 - 13:00 **Lunch Break**

Peripheral Nerve Surgery Chapter

13:00 - 13:30 **J. Rossiter**, Pathology in Peripheral Nerve

13:30 - 14:15 **R. Spinner**, Diagnosis and Surgical Management of Peripheral Nerves (Brachial Plexus)

14:15 - 14:45 **R. Spinner**, Diagnosis and Surgical Management of Peripheral Nerves (Upper Extremities)

14:45 - 15:00 **Stretch Exercises**

15:00 - 15:45 **R. Spinner**, Diagnosis and Surgical Management of Peripheral Nerves (Lumbosacral Plexus and Lower Extremities)

16:00 Participants will divide into four small groups

60 Minutes Each Station Small Groups | Four Cases in Each Station

Round Table Discussions of Clinical Case Scenarios

(Dinner will be Served at 19:00)

Station 1: Spine

N. S. Alshafai (Course Director)

TBA

Station 2: Spine

J. Hurlbert (Tucson)

TBA

Station 3: Spine Imaging and Pathology

J. Rossiter (Kingston)

L. Alshafai (Toronto)

Station 4: Peripheral Nerve

R. Spinner (Rochester)

J. Naushahi (Cambridge)

20:00 **Adjourn**

Course Day TWO

November 25, 2025, Tuesday

Skull Base Chapter

07:30 - 08:30 **J. Rossiter**, Brain Tumor Pathology

08:30 - 08:50 **N. S. Alshafai**, Sulci and Gyri Surgical Anatomy

08:50 - 09:20 **M. Cusimano**, Skull Base Lesions. Cases and Pearls from the Frontal Sinus to the Foramen Magnum I

09:20 - 09:35 **Coffee Break**

09:35 - 10:45 **M. Cusimano**, Skull Base Lesions. Cases and Pearls from the Frontal Sinus to the Foramen Magnum II

10:45 - 11:00 **F. Signorelli**, Acoustic Neuroma - Case Discussion

11:00 - 11:45 **M. Cusimano**, Neurosurgical Principals of Intracranial Radiosurgery

11:45 - 12:00 **N. S. Alshafai**, Evaluation of Day 1

12:00 - 13:00 **Lunch Break**

Neuro-oncology Chapter

13:00 - 13:30 **TBA**, Literature Review in Brain Glioma for the Neurosurgeon

13:30 - 14:00 **M. Rapp**, Non-Surgical Management of Glioma

14:00 - 14:30 **M. Sabel**, Optimizing Resection Using Brain Mapping and Neuro Monitoring

14:30 - 15:00 **TBA**, Surgical Management of Glioma

15:00 - 15:15 **Stretch Exercises**

15:15 - 15:45 **M. Sabel**, Metastatic Brain Tumor

16:00 Participants will divide into four small groups

60 Minutes Each Station Small Groups | Four Cases in Each Station

Round Table Discussions of Clinical Case Scenarios

(Dinner will be Served at 19:00)

Station 1: Skull-base

M. Cusimano (Toronto)

F. Signorelli (Bari)

Station 2: Neuro Oncology

TBA

N. S. Alshafai (Course Director)

Station 3: Pathology Differentials to Working Diagnosis

J. Rossiter (Kingston)

L. Alshafai (Toronto)

Station 4: Pituitary

R. Kirolos (Singapore)

M. Wiedmann (Oslo)

20:00 **Adjourn**

Course Day THREE

November 26, 2025, Wednesday

Cerebrovascular & Endovascular Chapter

07:30 - 08:00 **R. Kiollos**, Surgical Anatomy and Physiology "The Arterial System"

08:00 - 08:30 **T. Krings**, Anatomy and Physiology "The Venous System"

08:30 - 08:45 **M. Wiedmann**, Intracerebral Hemorrhage

08:45 - 09:15 **D. Tampeiri**, Endovascular Management of Stroke

09:15 - 09:30 **M. Wiedmann**, Surgical Management of Stroke - Decompressive Craniectomy

09:30 - 09:45 **Coffee Break**

09:45 - 10:15 **D. Tampeiri**, Pearls of Brain Vascular Malformation, Endovascular Management

10:15 - 11:00 **R. Kiollos**, Pearls of Arteriovenous Malformation, Surgical Management

11:00 - 11:15 **TBA**, Pearls of Dural Arteriovenous Fistula, Surgical Management

11:15 - 11:45 **M. Wiedmann**, Vascular Bypass Surgery (Why, When and How)

11:45 - 12:00 **N. S. Alshafai**, Evaluation of Day 2

12:00 - 13:00 **Lunch Break**

13:00 - 13:30 **N. S. Alshafai**, Cavernous Malformation

13:30 - 14:00 **TBA**, Pearls in the Surgical Management of Aneurysms & Sub Arachnoid Hemorrhage

14:00 - 14:30 **D. Tampeiri**, Pearls in the Endovascular Management of Aneurysms & Sub Arachnoid Hemorrhage

14:30 - 15:00 **F. Signorelli**, Surgical Approaches to Deep Brain Lesions

15:00 - 15:15 **Stretch Exercises**

15:15 - 15:45 **R. Kiollos**, Surgical Management of Ventricular Lesions (Open and Endoscopic)

16:00
Participants will divide into four small groups
60 Minutes Each Station Small Groups | Four Cases in Each Station
Round Table Discussions of Clinical Case Scenarios
(Dinner will be Served at 19:00)

Station 1: Cerebrovascular

TBA

F. Signorelli (Bari)

Station 2: Deep Brain Lesions

N. S. Alshafai (Course Director)

M. Cusimano (Toronto)

Station 3: Endovascular & Interventional Neuroradiology

D. Tampeiri (Kingston)

J. Naushahi (Cambridge)

Station 4: Cerebrovascular

R. Kiollos (Singapore)

M. Wiedmann (Oslo)

20:00 - 23:00 *The CCN Review Challenge "Mandatory Attendance"*

23:00 **Adjourn**

Course Day FOUR

November 27, 2025, Thursday

Epilepsy Surgery Chapter

- 09:30 - 10:00** T. Krings, Imaging in Epilepsy
- 10:00 - 10:15** J. Rossiter, Pathology in Epilepsy
- 10:15 - 11:00** M. Von Lehe, Drug Resistant Epilepsy: Evaluation
- 11:00 - 11:45** M. Von Lehe, Drug Resistant Epilepsy: Surgical Management
- 11:45 - 12:00** N. S. Alshafai, Evaluation of Day 3
- 12:00 - 13:00** Lunch Break

Pediatric Neurosurgery Chapter

- 13:00 - 13:45** J. Rossiter, Pediatric Specific Neuropathology
- 13:45 - 14:00** A. Tyagi, Craniopharyngioma
- 14:00 - 14:30** F. Sala, The Surgical Management of Pediatric Brain-Tumors
- 14:30 - 14:45** A. Tyagi, Pineal Region Tumour
- 14:45 - 15:15** S. Elbabaa, Cranio-facial Congenital Disorders
- 15:15 - 15:30** Stretch Exercises
- 15:30 - 16:00** S. Elbabaa, Chiari-malformation
- 16:00 - 16:30** F. Sala, Pediatric Hydrocephalus
- 16:30 - 17:00** S. Elbabaa, Spinal Dysraphism
- 17:00 - 17:30** R. Kirollos, Surgical Management of Intra-cranial Cysts

17:30 Participants will divide into four small groups

60 Minutes Each Station Small Groups | Four Cases in Each Station

Round Table Discussions of Clinical Case Scenarios

(Dinner will be Served at 19:00)

Station 1: Pediatrics Pathology-Radiology Correlation

O. Islam (Kingston)
J. Rossiter (Kingston)

Station 2: Pediatrics

A. Tyagi (Leeds)
F. Sala (Verona)

Station 3: Neuro Endoscopy

S. Elbabaa (Orlando)
R. Kirollos (Singapore)

Station 4: Epilepsy

M. Von Lehe (Bochum)
M. Cusimano (Toronto)

21:30 Adjourn

Course Day FIVE

November 28, 2025, Friday

Functional & Pain Surgery Chapter

07:30 - 08:30 TBA, The Parkinson's Patient and DBS

08:30 - 09:30 TBA, Common Movement Disorders and their Neurosurgical Treatment

09:30 - 09:45 Coffee Break

09:45 - 10:45 TBA, The Neurosurgical Treatment of Pain

Miscellaneous Chapter

10:45 - 11:00 M. Cusimano, Adult-Onset Hydrocephalus

11:00 - 11:30 TBA, Neurology for Neurosurgeons

11:30 - 12:00 F. Sala, Neuro Monitoring in Neurosurgical Patients

12:00 - 13:00 Lunch Break

Head Injury and Neuro Critical Care Chapter

13:00 - 13:30 J. Rossiter, Neuropathology in Head Injury

13:30 - 14:15 G. Harwyluk, The Management of Traumatic Brain Injury I

14:15 - 15:00 G. Harwyluk, The Management of Traumatic Brain Injury II

15:00 - 15:15 Stretch Exercises

15:15 - 16:00 N. S. Alshafai, FINAL EXAMINATION / Evaluation of Day 4 & 5

16:00 Participants will divide into four small groups

60 Minutes Each Station Small Groups | Four Cases in Each Station

Round Table Discussions of Clinical Case Scenarios

(Dinner will be Served at 19:00)

Station 1: General Neurosurgery

M. Cusimano (Toronto)

A. Tyagi (Leeds)

Station 2: Functional & Pain

TBA

J. Naushahi (Cambridge)

Station 3:

Meeting with Course Director

Certificates will be distributed

Station 4: Neuro Radiology

O. Islam (Kingston)

TBA

20:00 Adjourn

20:00 End of Course

20:00 Open | End of the course party