



The Intensive Connection

**Course ESICM Neurointensive Care
Mastering the Brain in Critical Conditions
Case-based e- course
online course, 5-6 of September 2023**

Day 1, September 5

09:00 Welcome, Objectives of the day and ice-breaking exercise

In Memoriam – Sophie Hamada

Basic concepts (normal lectures)

Moderators: Meyfroidt-Robba

09:30 Basics of neurophysiology

10:15 Clinical evaluation of neurocritically ill patients

Elisa Zanier

Romain Sonnevile

11:00 Q&A

11:15 BREAK

11:30 Basics of neuroimaging interpretation

12:15 Basics of Neuromonitoring

Virginia Newcombe

Aarti Sarwal

13:00 Q&A

13:15 END MORNING SESSION

14:00 Welcome back

Case-based pathologies with imaging and neuromonitoring: Trauma

Moderators: Jacques Duranteau, Giuseppe Citerio

14:05 Isolated Traumatic brain injury

15:05 The elderly TBI on a NOAC

Geert Meyfroidt/ Chiara Robba

Victoria Mc Credie / Soojin Park

16:05 Q/A

16:15 BREAK

16:30 MODERATED ROUND TABLE My TBI patient has/is

Has thoracic abdominal trauma (including AKI) (20-25') **Tobias Gauss/ Samy Figueiredo**

Is a child (20-25')

Milly Lo

17:30 Q&A

17:45 Food for thought.

18:00 END DAY 1



The Intensive Connection

Day 2, September 6

09:00 Welcome, Objectives

09:15 “Food for thought” activity

Glucose, lactate, ketons: what is the best food for the injured brain? **Mauro Oddo**
Alcohol and TBI **Markus Skrifvars**

Case-based pathologies with imaging and neuromonitoring: other pathologies

Moderators: Geert Meyfroidt, Carmen Lopez Soto

09:55 Stroke (Subarachnoid haemorrhage, Intracranial haemorrhage and acute ischemic stroke)
Mathieu Van der Jagt/Carmen Lopez Soto

10:55 Q&A

11:10 BREAK

11:30 Coma of unknown origin (Central nervous system infection, metabolic coma, status epilepticus)
Romain Sonnevile / Carolina Iaquaniello

12:30 Q&A

12:45 LUNCH BREAK

Case-based ethics and long-term management

Moderators: Carmen Lopez Soto, Claudio Sandroni

13:45 Prognostication + talking to families about uncertainty **Susanna Muehlschlegel**

14:45 Brain death and Organ donation: management and how to approach communication with families for DBD and for DCD **Victoria Metaxa, Jan Gunst**

15:45 **Q&A**

16:00 BREAK

16:15 Neuroprotection and TBI management: new therapies on the horizon? **David Menon**

17:15 KAHOOT competition

17:45 Wrap up

18:00 Course END