EANS Basic Endovascular Course for Neurosurgeons

8-9 June 2026, Barcelona Spain

8 June, 2026

Registration
08:30 - 08:45 Welcome note
08:45 - 09:05 General aspects of interventional procedures
(Anesthesia, RR, angiosuite setup, flush systems, heparin, anticoagulation, wires, etc.)
Veit Braun
09:05 - 09:25 History of angiography and endovascular treatment
Andreas Gruber
09:25 - 09:50 Access: Basics & aortic arch
(radial, femoral, spasm and tx, closure and complications, echo or non-echo guided puncture, venous access and venous catheterization).
aortic arch grading and differences in access (material: sim, mani etc).
Aortic arch and trans radial access.
Nikolay Velinov
09:50 - 10:10 Coffee break
10:10 - 12:10 Hands-on 1 (model for general catheterization - Aortic arch, closure)
All faculty
12:10 - 12:35 Aneurysm: general aspects
(epidemiology, pathophysiology, morphology (what is broad based?), decisions to treat or not non-ruptured aneurysms, etc)
Wei-Te Wang
12:35 - 13:45: Lunch break
13:45 - 14:10 Endovascular treatment of non-complex aneurysms
(Microcatheter shape, principles of coiling, detachment, workflow, complications & management, etc.)
Philippe Dodier
14:10 - 16:10 Hands-on 2
All faculty
16:10 - 16:35 Coffe break
16:35 - 17:00 Endovascular treatment of complex aneurysms 1: advanced strategies
(Double catheter technique, stent assisted coiling, balloon assisted coiling, intrasaccular devices)
Simone Peschillo

17:00 – 17:25 Endovascular treatment of complex aneurysms 2: Stenst assited coiling, intrasaccular devices (WEB, contour), complications & management.

Pablo López Ojeda

9 June, 2026

08:50 - 09:10 Flow diverter treatment of aneurysm
(DAPT (clopidogrel and non-responders, tica etc.), sizing, good indications, intermediate indications, bad indications, complications & management, flow diversion beyond the COW/small branches post circ, flow diversion in SAH (dissection aneurysms), etc)
Sergio García García
09:10 - 09:30 AVM and Dural fistula's: general aspects
(embolizing agents, (detachable) catheters, results, complications & management)
Jeroen Boogaarts
09:30 - 10:00 Coffee break
10:00 - 12:15 Hands-on 3 (Aneurysm model, Coiling, Flow diverter placement)
All faculty
12:15 - 13:25 Lunch break
13:25 - 13:45 History of stroke treatment and imaging techniques
(comprehensive stroke center, IV, MR Clean, CTp/MR)
Dara Niknejad
13:45 - 14:05 Endovascular aspects of Stroke:
(Approach, passing the carotid occlusion, balloon dilatation (preventive atropine), to stent or not, protection device (or not), balloon or not, suction/ stent retriever, complications & management, evidence-based data)
Joost de Vries
14:05 - 14:20 Endovascular treatment of chronic subdural hematomas
(principles, technical aspects, complications)
Ramon Torné
14:20 - 14:35 Vasospasm: incidence and current treatment
Ana Rodríguez Hernández
14:35 - 14:50 Vasospasm: endovascular possibilities
Nurfet Alioski
14:50 - 15:15 Coffee
15:15 - 17:40 Hands-on 4 (Suction, stent retriever)
All faculty
17:40 - 18:00 Closure/evaluation