

European **Vascular** and **Endovascular** Neurosurgery Master Study Program



THEORETICAL LESSONS and HANDS-ON PROGRAM

PROGRAM DIRECTOR:
Simone PESCHILLO



The EUROPEAN VASCULAR AND ENDOVASCULAR NEUROSURGERY CPD course Study Program has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with 56 European CME credits (ECMEC®s).

Endorsed by:



European Vascular and Endovascular Neurosurgery Master Study Program

Faculty

Francesco Acerbi	ITA	Massimo Miscusi	ITA
Alejandro Tomaselo	SPA	David Netuka	CZE
Daniel Walsh	GBR	Erez Nossek	USA
David Bervini	SUI	Takahiro Ota	JPN
Carlo Bortolotti	ITA	Emanuele Orrù	USA
Moncef Berhouma	FRA	Giacomo Pavesi	ITA
Delia Cannizzaro	ITA	Rebeca Pérez-Alfayate	SPA
Andrea Cardia	SUI	Simone Peschillo	ITA
Giuseppe Catapano	ITA	Francesco Puccinelli	SUI
Michihiro Tanaka	JPN	Kosumo Noda	JPN
Vittorio Civelli	FRA	Veit Rohde	GER
Alfredo Conti	ITA	Waseem Aziz	UAE
Francesco Diana	ITA	Rahul Kumar	IND
Alberto Feletti	ITA	Carmelo Sturiale	ITA
Paolo Ferroli	ITA	Dara Niknejad	NDL
Andreu Gabarrós Canals	SPA	Serena Tola	ITA
Andreas Gruber	AUT	Luigino Tosatto	ITA
Francesco Massari	USA	Peter Vajkoczy	GER
Giuseppe Lanzino	USA	Luca Valvassori	ITA
Pedro Lylyk	ARG	Nikolay Velinov	BUL
Pablo Lopez Ojeda	SPA	Shinichi Yoshimura	JPN
Vikas Gupta	IND	Shakir Husain Hakim	IND
Emmanuel Houdart	FRA	Sebastien Froelich	FRA
Stefano Vallone	ITA	Anne-Laure Bernat	FRA
Jeroen Boogaarts	NDL		

Special lectures

Xu Bin

Ioan-Ştefan Florian	Jorge Mura
Marco M. Fontanella	Pierpaolo Peruzzi
Hubert Desal	Antonino Raco
Pascal M. Jabbour	Franco Servadei
Ekkehard Kasper	Yong-Sam Shin
Giuseppe Lanzino	Shoki Takahashi
Martin Lehecka	Alejandro Tomaselo

Hands-on Sessions

Venue: XXX

T.B.D.

European **Vascular** and **Endovascular** Neurosurgery Master Study Program

HOSTING CENTERS		SCIENTIFIC REFERENTS - TUTORS	
MILANO/ SS PAOLO E CARLO		VALVASSORI	ENDOVASCULAR
PARIS/ LARIBOISIÈRE		HOUDART / CIVELLI	
BARCELONA		TOMASELLO / DIANA	
PISA			OPEN VASCULAR
PARIS/ LARIBOISIÈRE			
BOLOGNA			
MILANO/ BESTA			
DJON			
LINZ		GRUBER	HYBRID
MODENA		PAVESI / VALLONE	
BARCELONA		GABARRÓS CANALS / OJEDA	

 ENDOVASCULAR
 OPEN VASCULAR
 HYBRID

CONTACTS

XXX

Luca Valvassori

Francesco Acerbi

Carlo Bortolotti

Pablo Lopez Ojeda

XXX

luca.valvassori@gmail.com

francesco.acerbi@istituto-besta.it

bortolotticarlo@yahoo.it

pablo.fellowship@gmail.com

European Vascular and Endovascular Neurosurgery Master Study Program

THEORETICAL LESSONS PROGRAM

November 4, 2025 (on-line) – Anatomy

TIME	TITLE	SPEAKER
14:00 – 14:30	Special Lecture	
14:30 – 15:00	Embryological vascular anatomy of the central nervous system	T. Ota
15:00 – 15:30	Angiographic anatomy: arterial and venous systems of brain and spine	M. Tanaka
15:30 – 16:00	EC circulation and EC-IC anastomoses: tips for vascular and endovascular neurosurgery	M. Tanaka
16:00 – 16:30	Cone Beam CT: microvascular anatomy	R. Kumar
16:30 – 17:00	Carotid-basilar anastomoses	T. Ota
17:00 – 18:00	DISCUSSION	

November 18, 2025 (on-line) – Brain aneurysm

TIME	TITLE	SPEAKER
13:00 – 13:30	Special Lecture	S. Takahashi
13:30 – 14:00	Ruptured and unruptured aneurysm: indications for treatment	A. Feletti
14:00 – 14:30	Basic principles in aneurysm surgery: tips and tricks	A. Feletti
14:30 – 15:00	Vascular and microsurgical instrumentation and equipment	F. Acerbi
15:00 – 15:30	Surgical approaches: Pterional / Pretemporal / Oz Approaches	F. Acerbi
15:30 – 16:00	Surgical approaches: Minipterional, Lso, Eyebrow, Endoscopic Pterional	P. Ferroli
16:00 – 16:30	Surgical approaches: Subtemporal, Pretemporal Approaches, Transsylvian Transclinoidal and Transcavernous to Basilar Tip	D. Walsh
16:30 – 17:00	Surgical approaches: Retrolabyrinthine Transsigmoid and Extreme Lateral Infrjugular Transcondylar-Transtubercular, Kawase	P. Vajkoczy
17:00 – 18:00	DISCUSSION	

December 2, 2025 (on-line) – Brain aneurysm

TIME	TITLE	SPEAKER
09:00 – 09:20	Indications for microsurgical cerebral revascularization	C. Bortolotti
09:20 – 09:40	Extracranial-Intracranial Bypass: Superficial temporal artery to middle cerebral artery anastomosis	B. Xu
09:40 – 10:00	Awake open surgical for brain aneurysms	D. Netuka
10:00 – 10:20	DISCUSSION	
10:20 – 10:40	Neuro Hybrid Operating Room in vascular and endovascular neurosurgery	J. Boogaarts
10:40 – 11:00	Endovascular assisted aneurysm clipping in a hybrid OR	P. Ojeda
11:00 – 11:20	Indication and consideration in graft and donor selection for cerebral bypass	E. Nassek
11:20 – 11:50	DISCUSSION	
11:50 – 12:10	General aspects of interventional procedures	F. Massari
12:10 – 12:30	Endovascular instrumentation and equipment	E. Orrù

European Vascular and Endovascular Neurosurgery Master Study Program

12:30 – 12:50	Vascular access in brain aneurysms: femoral vs radial	E. Orrù
12:50 – 13:10	Basic and advanced endovascular techniques: Coils and Balloon-Assisted coiling, Stent-Assisted Coil embolization	S. Yoshimura
13:10 – 14:10	PAUSE	
14:10 – 14:30	Flow-diverters and Flow-disruptors	F. Diana
14:30 – 14:50	Clipping or coiling: decision making	F. Diana
14:50 – 15:10	Atypical and complex aneurysms: endovascular management	S. Peschillo
15:10 – 15:30	Comparison of stents used for endovascular treatment of intracranial aneurysms	C. Iosif
15:30 – 15:50	Cavernous aneurysms: destructive vs reconstructive approach	F. Massari
15:50 – 16:10	DISCUSSION	

January 7 ^h , 2026 (on-line) – Brain AVMs		
TIME	TITLE	SPEAKER
13:00 – 13:30	Special Lecture	M. M. Fontanella
14:00 – 14:30	Hemodynamics of Brain AVMs	S. Tola
14:30 – 15:00	Imaging for pial AVMs and AVFs: how I assess angioarchitecture	E. Orrù
15:00 – 15:30	Current management strategy for unruptured brain AVM	C. Sturiale
15:30 – 16:00	Ruptured brain AVMs: how to manage?	S. Tola
16:00 – 16:30	Transvenous Curative Embolization of Cerebral Arteriovenous Malformations	S. Vallone
16:30 – 17:00	Microsurgical excision of brain AVM in eloquent area	G. Pavesi
17:00 – 17:30	Molecular biology of AVMs	R. Pérez-Alfayate
17:30 – 18:00	DISCUSSION	

February 3 rd , 2026 (on-line) – Brain DAVFs		
TIME	TITLE	SPEAKER
13:00 – 13:30	Special Lecture	XXX
14:30 – 15:00	Complex DAVF from an endovascular point of view	S. Peschillo
15:00 – 15:30	Complex DAVF from a microsurgery point of view	L. Tosatto
15:30 – 16:00	Management of spinal DAVF	S. Froelich
16:00 – 16:30	Ethmoidal dural fistula. Endovascular and microsurgical approaches	D. Cannizzaro
16:30 – 17:00	Cavernous sinus DAVF: how to manage	R. Kumar
17:00 – 17:30	DAVF embolization: trans-arterial or trans-venous?	V. Gupta
17:30 – 18:00	DISCUSSION	

March 3 rd , 2026 (on-line) – Spinal AVMs and AVFs		
TIME	TITLE	SPEAKER
14:00 – 14:30	Special Lecture	J. Mura
14:30 – 15:00	Applied spinal angiographic anatomy	M. Tanaka
15:00 – 15:30	Anatomy and classification of spinal AVMs	S. Peschillo
15:30 – 16:00	Treatment of complex spinal vascular lesions	P. Ferroli
16:00 – 16:30	Spinal AVFs and AVMs: endovascular treatment	L. Valvassori
16:30 – 17:00	Surgical management of spinal AVFs	S. Froelich
17:00 – 17:30	Surgical management of spinal AVMs	S. Froelich
17:30 – 18:00	DISCUSSION	

European Vascular and Endovascular Neurosurgery Master Study Program

April 7th, 2026 (on-line) – Focus on

TIME	TITLE	SPEAKER
14:00 – 14:30	Special Lecture	E. Kasper
14:30 – 15:00	By-pass technique and revascularization in Moya-Moya	D. Bervini
15:00 – 15:30	Cavernoma: How to deal with it	V. Rohde
15:30 – 16:00	Machine Learning for cerebral vascular pathologies	P. Lopez Ojeda
16:00 – 16:30	Middle meningeal artery embolization for chronic subdural hematomas	E. Orrù
16:30 – 17:00	Update on common pediatric neurointerventional procedures	T.B.D
17:00 – 17:30	radiosurgery in Vascular pathologies	A. Conti
17:30 – 18:00	DISCUSSION	

May 5th, 2026 (on-line) – Focus on

TIME	TITLE	SPEAKER
14:00 – 14:30	Special Lecture	A. Tomasello
14:30 – 15:00	Review of the literature: Clipping versus coiling for ruptured MCA aneurysm associated with intracerebral hematoma requiring surgical decompression	G. Catapano
15:00 – 15:30	Trans-arterial tumors embolization techniques	E. Orrù
15:30 – 16:00	Hemodynamic of intracranial aneurysms	D. Cannizzaro
16:00 – 16:30	Vessel closure devices: which should we use?	F. Diana
16:30 – 17:00	Endovascular shunting	P. Lylyc
17:00 – 17:30	DISCUSSION	

June 9th, 2026 (on-line) – Venous sinus diseases

TIME	TITLE	SPEAKER
14:00 – 14:30	Special Lecture	P. Jabbour
14:30 – 15:00	Pathophysiology, imaging of cerebral venous thrombosis	F. Massari
15:00 – 15:30	Treatment of cerebral venous sinus thrombosis	E. Orrù
15:30 – 16:00	Intracranial Hypertension and Hypotension: the diagnostic workup	G. Lanzino
16:00 – 16:30	Intracranial venous sinus stenting for the treatment of lateral sinus stenoses	E. Houdart
16:30 – 17:00	Spontaneous intracranial hypotension: the CSF venous fistula	G. Lanzino
17:00 – 17:30	DISCUSSION	

July 7th, 2026 (on-line) – Focus on

TIME	TITLE	SPEAKER
13:00 – 13:30	Special Lecture	I.S. Florian
14:00 – 14:30	Anti-platelets in neuro-interventions	D. Niknejad
14:30 – 15:00	B.O.T. – methods for evaluating parent vessel sacrifice	V. Gupta
15:00 – 15:30	Stent assisted coiling for ruptured intracranial aneurysms	S. Yoshimura
15:30 – 16:00	Stents and stent design: how to choose the one you need	S. Peschillo
16:00 – 16:30	Management of giant aneurysms: an endovascular and surgical point of view	J. Boogarts
16:30 – 17:00	Clipping of aneurysms previously treated with EVT: when it is feasible?	A. Gruber
17:00 – 17:30	Aneurysmal SAH: diagnosis and management	S. Tola
17:30 – 18:00	DISCUSSION	

European Vascular and Endovascular Neurosurgery Master Study Program

September 8th, 2026 (on-line) - Stroke

TIME	TITLE	SPEAKER
14:00 – 14:30	Special Lecture	B. Xu
14:30 – 15:00	Clinical evaluation of Stroke patients	B. Casolla
15:00 – 15:30	Patients' selection for thrombectomy: the perfusion imaging dilemma	F. Massari
15:30 – 16:00	Mechanical thrombectomy: how to increase the TICI score?	E. Orrù
16:00 – 16:30	Intracranial stenosis and dissections; when to intervene	N. Alioski
16:30 – 17:00	Management of extra-cranial artery dissection	N. Velinov
17:00 – 17:30	Tandem lesions: How to manage	F. Diana
17:30 – 18:00	DISCUSSION	

October 6th, 2026 (on-line) - Stroke

TIME	TITLE	SPEAKER
14:00 – 14:30	Special Lecture	G. Lanzino
14:30 – 15:00	Analysis and meta-analysis of thrombectomy stroke trials	L. Valvassori
15:00 – 15:30	Management of complications during thrombectomy	S. Peschillo
15:30 – 16:00	Low NIHSS: LVO vs MeVo	V. Civelli
16:00 – 16:30	My approach to distal (A, M, P 2,3,4) occlusions?	V. Civelli
16:30 – 17:00	Strokectomy for malignant MCA infarction	C. Bortolotti
17:00 – 18:00	DISCUSSION	

October 20th, 2026 (on-line) – Focus on

TIME	TITLE	SPEAKER
14:00 – 14:30	Special Lecture	P. P. Peruzzi
14:30 – 15:00	Optimal timing and functional outcome of ventriculoperitoneal shunt placement in hydrocephalus after aneurysmal subarachnoid hemorrhage	D. Niknejad
15:00 – 15:30	Impact of cisternostomy and cisternal drain on delayed hydrocephalus after aneurysmal subarachnoid hemorrhage	G. Pavesi
15:30 – 16:00	Exoscopes VS microscope in aneurysm surgery	A. Bernat
16:00 – 16:30	Microscope-assisted ICG video angiography in cerebrovascular surgery	D. Bervini
16:30 – 17:00	The ARUBA trial	A. Bernat
17:00 – 17:30	Special Lecture	H. Desal
18:00 – 18:30	DISCUSSION	

European **Vascular** and **Endovascular** Neurosurgery
Master Study Program

SPECIAL LECTURES PROGRAMME

ON-LINE – SPECIAL LECTURES

14:00 – 14:30

ON-LINE – SPECIAL LECTURES

13:00 – 13:30

IMAGING ANATOMY OF THE PERFORATING ARTERIES OF THE
BRAIN.

S. Takahashi

ON-LINE – SPECIAL LECTURES

14:00 – 14:30

CHOICE OF APPROACH, SURGICAL NUANCES, PEARL AND PITFALLS
FOR ACOM ANEURYSMS

A. Raco

ON-LINE – SPECIAL LECTURES

13:00 – 13:30

THE DOUBLE ROLE OF NEUROSURGEON AND EDITOR IN CHIEF OF
AN INTERNATIONAL JOURNAL

M.M. Fontanella

ON-LINE – SPECIAL LECTURES

14:00 – 14:30

ON-LINE – SPECIAL LECTURES

14:00 – 14:30

T.B.D.

H. Desal

ON-LINE – SPECIAL LECTURES

14:00 – 14:45

MIPLATTA APPROACH FOR COMPLEX ANEURYSMS

J. Mura

XXXXXXX – ON-LINE – SPECIAL LECTURES

14:00 – 14:45

T.B.D.

XXXX

European **Vascular** and **Endovascular** Neurosurgery
Master Study Program

ON-LINE – SPECIAL LECTURES

14:00 – 14:30 HYPERVASCULAR BRAIN TUMORS - THE ROLE OF
ANGIOGRAPHY AND EMBOLIZATION

E. Kasper

ON-LINE – SPECIAL LECTURES

14:00 – 14:30 ROBOTICS IN NEUROENDOVASCULAR PROCEDURES

A. Tomasello

ON-LINE – SPECIAL LECTURES

14:00 – 14:30 RADIAL ACCESS FOR NEUROENDOVASCULAR APPROACHES

P. Jabbour

ON-LINE – SPECIAL LECTURES

13:00 – 13:30 COMPLICATIONS OF BRAIN AVM SURGERY

F. Roser

ON-LINE – SPECIAL LECTURES

14:00 – 14:30 HOW TO IMPROVE THE BY-PASS TECHNIQUES

B. Xu

ON-LINE – SPECIAL LECTURES

14:00 – 14:30 CAVERNOUS MALFORMATIONS OF THE BRAIN AND SPINAL CORD

G. Lanzino

ON-LINE – SPECIAL LECTURES

14:00 – 14:30 NEW METHODS OF TREATMENT OF GBM: VIRAL THERAPIES,
NANOPARTICLES AND SUPERSELECTIVE ENDOVASCULAR TREATMENT:

P. P. Peruzzi

European Vascular and Endovascular Neurosurgery Master Study Program

HANDS-ON PART PROGRAM

Venue: XXX

Djon Neuroanatomy laboratory

TIME	TITLE	TUTORS
08:30 - 09:30	Welcome	
09:30 - 13:00	Exercise – By-pass on vascular models and fake tubes Exercise – Neurovascular dissection in Neuroanatomy laboratory	M. Berhouma
13:00 - 14:00	LIGHT LUNCH	
14:00 - 18:00	Exercise – By-pass on vascular models and Takayama fake tubes Exercise – Neurovascular dissection in Neuroanatomy laboratory	M. Berhouma
18:00	Wrap-up	

Link University Campus

TIME	TITLE	TUTORS
08:30 - 09:30	Welcome	
09:30 - 13:00	Exercise – Endovascular simulator	F. Puccinelli F. Diana
13:00 - 14:00	LIGHT LUNCH	
14:00 - 18:00	Exercise – Endovascular simulator	F. Puccinelli F. Diana
18:00	Wrap-up	

European **Vascular** and **Endovascular Neurosurgery**
Master Study Program

Director: Prof. Simone Peschillo