



SOCIETÀ ITALIANA DI ULTRASONOLOGIA  
IN MEDICINA E BIOLOGIA



35<sup>th</sup>

CONGRESS OF THE EUROPEAN FEDERATION OF SOCIETIES  
FOR ULTRASOUND IN MEDICINE AND BIOLOGY

**EUROSON 2024**

**NAPLES ITALY NOVEMBER 9|10**

# ADVANCED COURSE ON VASCULAR ULTRASOUND



## SATURDAY NOVEMBER 9

8.30 Introduction

### TECHNICAL AND METHODOLOGICAL APPROACH

8.40 Optimization of Doppler and eco-color Doppler signal: machine setting, speed, PFR, aliasing and artifacts (including video)

### THE HEAD AND NECK DISTRICT

9.10 Normal anatomy of the carotid and vertebral district *[including video]*

9.30 Classification and evaluation of carotid stenosis

9.50 Evaluation of the unstable carotid plaque: not only CEUS

10.05 Vertebro-basilar diseases

10.25 Doppler of the eye

**10.40 Question Time**

**10.50 Break**

11.10 Indications for carotid revascularization and follow up after Endarterectomy (TEA) and stenting

11.30 Non-atherosclerotic disease of the carotid arteries: dissection, arteritis and...

11.50 Transcranial Color Doppler (TTCD)

**12.10 Question Time**

**12.20 Challenging cases**

**12.50 Lunch Break**

### PERIPHERAL VESSELS

14.45 Arteries and veins of the lower limbs *[including video]*

15.05 Arteries and veins of the upper limb *[including video]*

15.25 Ultrasound-guided vascular access

15.45 Venous incompetence in lower limbs

16.05 Superficial and deep vein thrombosis

16.25 Thoracic outlet syndrome

**16.45 Question Time**

**16.55 Challenging cases**

**17.30 Closing**



## SUNDAY NOVEMBER 10

### THE ABDOMINAL AORTA

8.30 Normal anatomy of aorta and main splanchnic branches *[including video]*

8.55 Diseases of the aorta and celiac-mesenteric arteries

9.15 Assessment of endovascular aortic and splanchnic vessels treatment

**9.35 Question Time**

### THE SPLANCHNIC DISTRICT

9.45 Portal vein thrombosis

10.05 Intra-hepatic shunts and tips

**10.25 Break**

10.45 Liver transplant

**11.05 Question Time**

### THE NEPHRO-UROLOGICAL DISTRICT

11.15 Kidney and renal vessels *[including video]*

11.40 Renal Hypertension

12.00 Medical nephropathies

**12.20 Question Time**

**12.30 Challenging cases**

**13.00 Closing remarks**