

Hands-On Workshop: Renal Ultrasound in Hypertension
proposed by the Working Group "Hypertension and the Kidney"

Friday June 21
13.00-17.00 Blue Hall

Chair of the WG Hypertension and the Kidney: Prof. Alexandre Persu (Brussels, Belgium)
Secretary of the WG Hypertension and the Kidney: Dr Gregoire Wuerzner (Lausanne, Switzerland)

Objectives: provide theoretical background and practical training for the use of renal ultrasound in hypertension.

Targeted participants: any medical doctor (internist, cardiologist, nephrologist).

The theoretical part is free.

The practical part is on registration only (≤ 24 participants allowed).

By the end of the course, participants should be able

- To list the indications for performing renal ultrasound in hypertension.
- To measure the size of both kidneys
- To measure and interpret resistive indexes and acceleration time.

Certificate: A certificate will be delivered at the end of the course

Registration: <https://www.esh2019.eu/registration/>

participation is accepted by submitting a dedicated registration form, and upon payment of a dedicated registration fee for those who are not registered to the ESH annual meeting (€ 50,00 VAT included).

Programme

13.00: Welcome address (Dr Gregoire Wuerzner , Prof. Alexandre Persu)

13.10-13.20: Technical basics of ultrasound and indications to perform a renal ultrasound in hypertensive patients (Dr Menno Pruijm)

13.20-13.35: Normal anatomic findings and common abnormalities of the renal and urogenital tract (renal masses, nephrolithiasis, hydronephrosis) (Dr Magdalena Januszewicz)

13.35-14.00: Renal duplex ultrasound: atherosclerotic renal artery stenosis / renal resistive indexes (Dr Belén Ponte)

14.00-14.15: Old and novel ultrasound applications in Fibromuscular Dysplasia (Dr Rosa Maria Bruno, Prof. Alexandre Persu)

14.15-14.30: Beyond the kidney: aorta and adrenal glands (Dr Ilaria Petrucci)

14.30 pm: Break

Practice

14.40: Practical examination of the kidney, aorta and adrenal glands by experts (Magdalena Januszewicz, Ilaria Petrucci, Belén Ponte, Menno Pruijm)

15.20: Hands-on kidney ultrasound with healthy volunteers and supervision with experts

16.50-17.00: General discussion with experts and participants