## **2024** Annual Meeting of Combat ESKD and complications Taiwan Society of Nephrology



## [Symposium 10-4] Ultrasound in Dialysis Access

Chung-Kuan Wu Division of Nephrology, Department of Internal Medicine, Shin-Kong Wu Ho-Su Memorial Hospital

Applications of Upper Limb Peripheral Vascular Ultrasound

Preoperative assessment and vascular mapping for arteriovenous fistula Placement of double-lumen and tunnel-cuffed central venous catheters under ultrasound guidance Assessment of arteriovenous fistula maturity and causes of immaturity Planning for needle access of arteriovenous fistula Assisting dialysis nurses in puncturing arteriovenous fistulas Regular follow-up of asymptomatic patients with arteriovenous fistulas Identification of complications related to arteriovenous fistulas Reducing contrast agent exposure with ultrasound-guided balloon dilation procedures

Complications of AVA 1.Stenosis & occlusion 2.Aneurysm & pseudoaneurysm 3.Infected & non-infected collections 4.Arterial steal syndrome 5.High output cardiac failure

