

ULTRASOUND PROTOCOLS



Reviewed: 1/10/2025; 01/11/2024; 01/12/23; 01/29/22; 10/30/20

Upper Extremity Venous (UEV) Ultrasound Protocol Guideline

Indication	Pain, swelling, redness
Prep	Patient Supine
Special Instruction	None
Procedure	<p>Transverse Grayscale (w/ and w/out compression)</p> <ul style="list-style-type: none">• Jugular vein (upper and lower)• Subclavian vein• Axillary vein• Brachial veins (prox and distal)• Basilic vein (upper arm and forearm)• Cephalic vein (upper arm and forearm)• Radial and Ulnar veins <p>Color Doppler and Spectral Doppler</p> <ul style="list-style-type: none">• Lower jugular vein• Brachiocephalic vein• Subclavian vein (medial to clavicle)<ul style="list-style-type: none">○ Note: Spectral Doppler must be done bilaterally even if doing unilateral study• Axillary vein (lateral to clavicle)• Brachial veins <p>Additional images</p> <ul style="list-style-type: none">• Image areas of focal tenderness• Document location and extent of any thrombus with grey scale, color, and spectral Doppler