

Just the facts: POCUS assessment for deep vein thrombosis (DVT)

How accurate is DVT POCUS compared to comprehensive radiology US?

EM-performed
0.96_{Sn} | 0.97_{Sp}

Rad.-performed
0.94_{Sn} | 0.97_{Sp}



Both are highly accurate for DVT diagnosis

What is the role of POCUS for diagnosing either calf or iliac vein thrombosis?

Calf DVT rarely result in PE; POCUS not routine.
⚠ Can lead to over-treatment with inherent risks of bleeding

DVT rare (<1%) above inguinal ligament; POCUS not routine.

⚠ Consider CT or MRI in high-risk pt (pregnancy, malignancy, etc...)

Should I use a two- vs. three-region technique for DVT ultrasound?

Two-region

Saphenofemoral junction + popliteal vein



Faster and easier (no need to track the distal femoral vein)



Previous literature supported near-equivalent diagnostic accuracy



Three-region

Two-region, also including the femoral vein

Comprehensive evaluation tracking to the popliteal vein

More recent literature suggests 5.5% of DVT isolated to femoral vein



Three-region recommended

Who needs repeat US in a week? patients with a negative POCUS & either positive D-dimer or mod/high pre-test probability

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