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

How accurate is DVT POCUS compared to comprehensive radiology US?

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<th>EM-performed</th>
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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...)

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

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)
  - Comprehensive evaluation tracking to the popliteal vein

- **Three-region**
  - Two-region, also including the femoral vein
  - More recent literature suggests 5.5% of DVT isolated to femoral vein
  - Previous literature supported near-equivalent diagnostic accuracy

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Infographic by: S Wilson MD