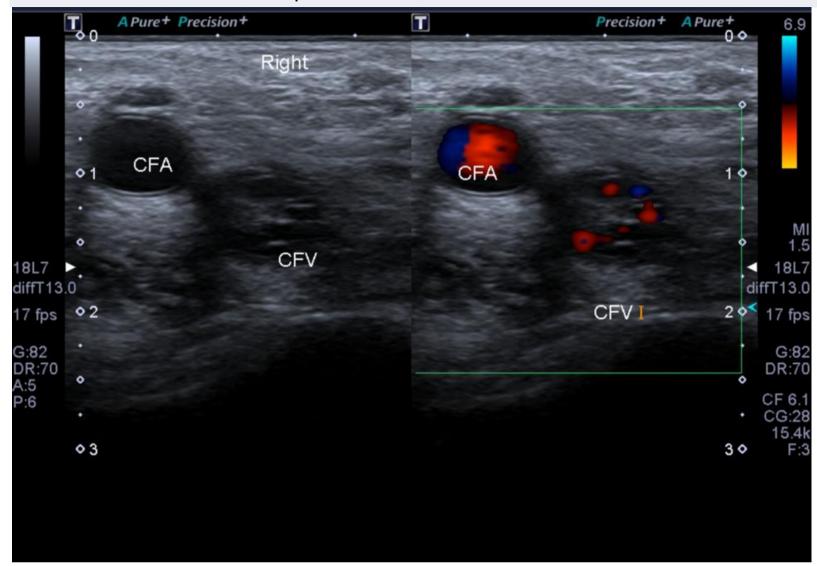
Vascular: Case 5 Cont.

Prompt

What does this ultrasound express?



GPT-4V

The image you've provided appears to be a Doppler ultrasound, which visualizes blood flow within vessels. Here's what I can infer from the image:

Right: It indicates that the image is of the right side of the body (as opposed to the left side).

CFA: This likely stands for "Common Femoral Artery," which is a major artery in the leg that supplies blood to the lower extremity.

CFV: This most likely represents the "Common Femoral Vein," which is a large vein accompanying the Common Femoral Artery and is responsible for draining deoxygenated blood from the leg.

Color Doppler: The colored areas (especially the blue and red regions) represent blood flow. The colors typically indicate the direction of blood flow, with one color (often red) indicating flow towards the transducer, and the other color (often blue) indicating flow away from the transducer.

Settings & Measurements: On the left and right sides, there are various settings and measurements, such as "Precision+", "18L7", "diffT13.0", and others. These are likely settings and parameters used during the ultrasound scan. For instance, "18L7" might refer to the type of ultrasound probe used, and "diffT13.0" might be a setting or measurement related to the Doppler frequency or another parameter.

Reference answer

Bilateral common femoral vein and popliteal vein show heterogenously hypoechoic material within their lumen and can not be compressed fully. There is a little bit of residual lumen showing color filling.