

Reporting ...

Calibre change 'raised velocities noted at an area of calibre change (0.7cm to 0.4cm), no evidence of thrombus noted'

Vessel tortuosity 'raised velocities noted, however no disease detected and waveforms remain triphasic throughout. Velocities likely due to vessel geometry'

Valve sites 'Raised velocities and turbulent flow noted, velocities indicate a 50-70% stenosis, however this appears to be a valve site

Distal anastomosis for fem-distal bypass

PSV ratio of 3 is indicative of a >50% stenosis

Popliteal exclusion bypass
Aneurysm should be assessed for size and flow

LEFT POP A
1 L 4.46 cm
2 L 4.49 cm

Reasons to scan full inflow/outflow

Sign of inflow/outflow compromise

Significant change to graft haemodynamics

ABPI reduction >0.15 with no obvious cause

ABPI

0.15

Synthetic grafts do not normally benefit from duplex surveillance as they tend to thrombose spontaneously

ABPI

Not normally needed unless specifically requested

Graft flow velocity

Is not indicative of flow compromise but useful to monitor changes on interval scans

Graft management

Fem pop - table 1

Vein graft - table 2

If in doubt...

