



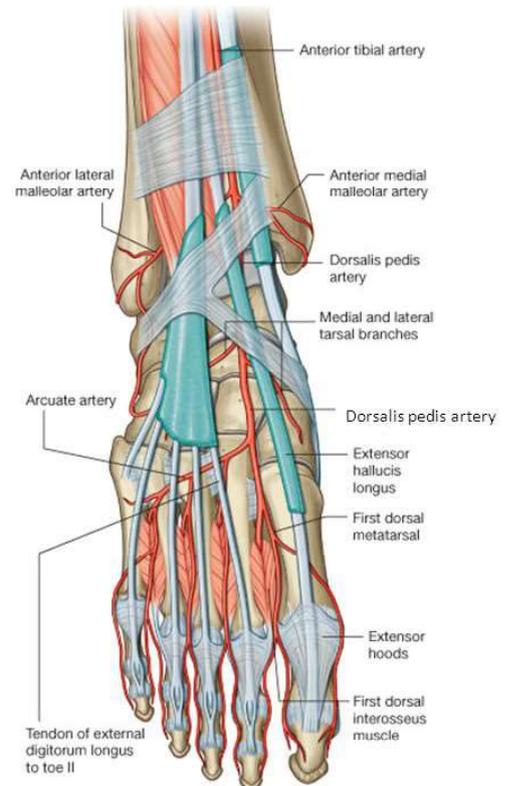
SSS AUSTRALIA
HEALTHCARE SUPPLIES

Doppler Assessment

Ankle Brachial Pressure Index (ABPI)

$$\text{ABPI} = \frac{\text{Ankle Systolic Pressure (ASP)}}{\text{Brachial Systolic Pressure (BSP)}}$$

- ABPI normally > 1.0
- ABPI < 0.9 indicates some arterial disease
- ABPI > 0.5 and < 0.9 can be associated with claudication and if symptoms warrant a patient should be referred for further assessment
- ABPI < 0.5 indicates severe arterial disease and may be associated with gangrene, ischaemic ulceration or rest pain and warrants urgent referral for a vascular opinion



References:

Vowden P, et al. Doppler assessment and ABPI: Interpretation in the management of leg ulceration. <http://www.worldwidewounds.com/2001/march/Vowden/Doppler-assessment-and-ABPI.html>. Accessed 06 May 2019.