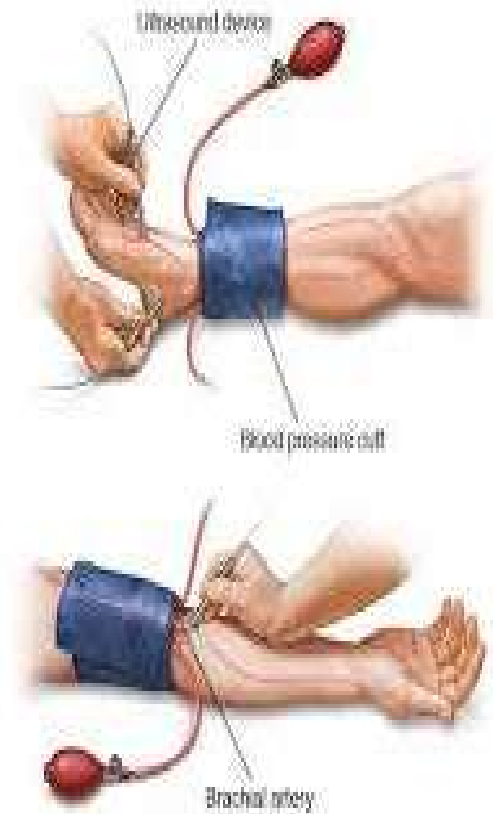


Ankle Brachial Index

Used to assess how much compression can be safely applied to a patient's lower extremity.

- Measure Systolic BP in both arms and take the higher number.
- Measure the Systolic BP on the ankle (May need to use a doppler if pulse is weak)
- Divide Ankle SBP by highest arm SBP to get the ABI
- Use grid below to interpret ABI and apply compression



ABI	Interpretation	Interventions
>1.3	Not compressible	Refer to further vascular testing
1-1.3	Normal	None
<0.9	Lower extremity arterial disease	Standard wound therapy: keep moist Compression: 30-40 mmHG Short Stretch, unna boots, multi layer compression
0.6-0.8	Borderline perfusion	Check TcPO ₂ Frequent wound monitoring Evaluate adjunctive therapy Vascular referral if low response in 2-4 weeks Modified Compression: 15-25mm HG Tubigrip, compression stockings, ted stockings
0.5	Severe ischemia	Refer to vascular Maintain dry stable eschar
0.4	Critical Ischemia threat	STAT vascular eval