



*Prevention & Medical Care
To Help You Live Better, Longer.*

ABI Education/Certification

Background:

Ankle Brachial Index is a tool used to screen for peripheral vascular disease. It should only be used as a screening tool. If clinical judgement is concerning for moderate to severe vascular disease more diagnostic testing should be ordered.

How:

Test ordered and scheduled. Our radiology department will complete test and send to provider to interpret. Provider reads study, annotates with tools and notifies patient of results Radiology will bill for the test.

Interpretation:

1. Review radiology technician notes-was study adequate and are test results able to be interpreted?
2. Look at ABI results for classifying as normal, mild, moderate, severe.
3. Evaluate that wave forms and look for correlation with ABI results (triphasic, biphasic, monophasic, flat)
4. Annotate and send results with plan to patient.

If you are interpreting ABIs for patients, please review the following video/articles.

<https://www.youtube.com/watch?v=oFVnsR1XNBk>

<https://www.youtube.com/watch?v=7JvARn-wARo>

<https://www.medmastery.com/guides/ultrasound-clinical-guide-arteries-legs/how-calculate-and-interpret-ankle-brachial-index-abi>

<https://www.ahajournals.org/doi/full/10.1161/cir.0b013e318276fbc>

Once completed please sign and return to your team leader.

Signature: _____ Date: _____