

Patient Procedure **Ankle Brachial Index (ABI)**

INFORMATION ABOUT THIS TEST

- This procedure is used to measure blood pressure in the arms and legs to determine if there is a difference in blood flow which may indicate blockage in the arteries of the legs.
- The procedure requires placing blood pressure cuffs on both arms and both ankles and measuring blood pressure readings with an ultrasound probe on the surface of the skin.
- After measuring blood pressures at rest, the patient is then asked to walk at a mild pace on a treadmill or march in place to simulate exercise.
- This procedure does not require an IV to be placed..

HOW LONG DOES THIS PROCEDURE TAKE?

- This procedure takes about 45 minutes to an hour.

WHAT PREPARATION IS REQUIRED PRIOR TO THIS PROCEDURE?

- No preparation is needed for this procedure.

WHO PERFORMS/INTERPRETS THIS PROCEDURE?

- The procedure is performed by a cardiac sonographer, nurse or technician.
- The device is interpreted by a Cardiologist certified in vascular procedures.

FOR MORE INFORMATION or to make an appointment at URMC Cardiology at Highland Hospital, please call (585) 341-6780 or visit us online at www.highlandheart.urmc.edu.