Clinical diagnosis of PAD

- Symptoms
- Signs
- Simple bedside tests
Clinical diagnosis of PAD

- Symptoms
- Signs
- Simple bedside tests
- Asymptomatic
- Atypical symptoms
- Intermittent claudication
- Rest pain
Intermittent claudication

- Only one third of patients with PAD present with IC.
- IC is defined as pain, cramping, or aching in the calves, thighs, or buttocks that appears reproducibly with walking exercise and is relieved by rest.
Clinical diagnosis of PAD

- Symptoms
- Signs
- Simple bedside tests
Arterial blood supply to the foot
1- Palpation of pedal pulses
Absence of 2 or more of the 4 pedal pulse usually indicate PAD
Temperature differences can be reliably assessed only when limbs have been exposed to a constant room temperature for 10-20 minutes.
3- Color changes
Clinical diagnosis of PAD

- Symptoms
- Signs
- Simple bedside tests
Handheld doppler ultrasound
Measurement of the ankle pressure
Measurement of ABPI

Interpretation of ABI

- >1.30: Noncompressible
- 0.91–1.30: Normal
- 0.41–0.90: Mild-to-moderate peripheral arterial disease
- 0.00–0.40: Severe peripheral arterial disease
- 0.95- 1.3 Normal
- < 0.9 PAD
- > 1.3 Unreliable
ABPI > 1.3