Diagnostic Testing for Suspected CLI

History and physical examination suggestive of PAD with rest pain, nonhealing wound, or gangrene (Table 4)

Yes → ABI (Class I)

Non-compressible arteries
ABI: >1.40

TBI (Class I)

Normal ABI: 1.00–1.40
Borderline ABI: 0.91–0.99

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Nonhealing wound or gangrene

Search for alternative diagnosis (Tables 5 and 6)

Abnormal ABI: ≤0.90

Additional perfusion assessment, particularly if ABI >0.70:
- TBI with waveforms
- TcPO₂ *
- Skin perfusion pressure*

Anatomic assessment:
- Duplex ultrasound
- CTA or MRA
- Invasive angiography (Class I)

Colors correspond to Class of Recommendation in Table 1.

*Order based on expert consensus.
†TBI with waveforms, if not already performed.

ABI indicates ankle-brachial index; CLI, critical limb ischemia; CTA, computed tomography angiography; MRA, magnetic resonance angiography; TcPO₂, transcutaneous oxygen pressure; and TBI, toe-brachial index.