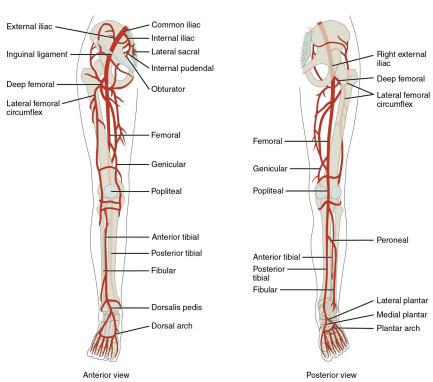
Tibioperoneal Occlusive Disease Cheat Sheet

by [deleted] via cheatography.com/39547/cs/12280/

General

Greater than 60% associated with diabetes mellitus and renal insufficiency

Anatomy



Clinical Presentation

Claudication: exertional cramping pain due to ischemia of muscle bed	**Critical Limb Ischemia:** insufficient blood flow to meet metabolic demand
Iliac vessels → Thigh	1. Rest pain
Femoral → Calf	2. Ulceration
	3. Gangrene

Diagnosis and Assessment

A. FUNCTIONAL STATUS

Ambulation - ☐ walk up 1 flight of stairs

B. LIMB FACTORS

☐ NM disease, edema, infection

C. ARTERIAL PERFUSION - assess for multilevel disease

☐ *Pulse exam:* femoral (R/O suprainguinal inflow disease), popliteal (R/O flow-limiting prox stenosis), PT/DP not commonly palpable

☐ *Physiologic testing** - confirm dx of PAD, localize level of obstructive lesions and assess adequacy of tissue perfusion and wound healing potential

Physiologic Testing

Doppler exam

Triphasic - normal transduction of systolic and diastolic pulse

Biphasic - mild/moderate disease

Pressure indices

Ankle-Brachial Index (ABI)

>1.3-1.5 medial calcification resistant to compression

>1.0 Normal

>0.9-1.0 Asymptomatic or minimal disease

0.5-0.9 Claudication

<0.5* Ischemic rest pain/CLI (~ ankle pressure <50)

*ABI >0.5 = single level, <0.5 multilevel disease