

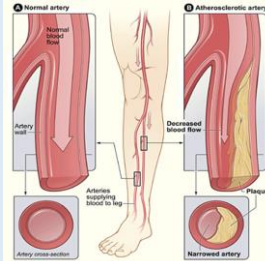
Ask the COP to Find Peripheral Arterial Disease

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Peripheral Arterial Disease (PAD)

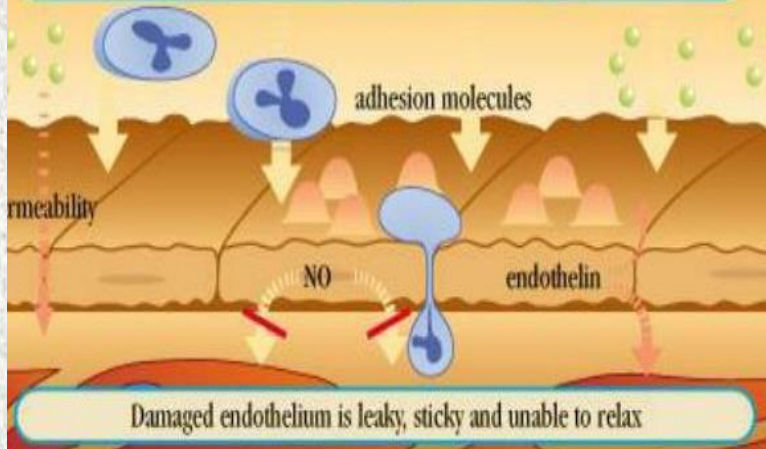
Asymptomatic

- Intermittent claudication
- Rest pain
- Tissue loss

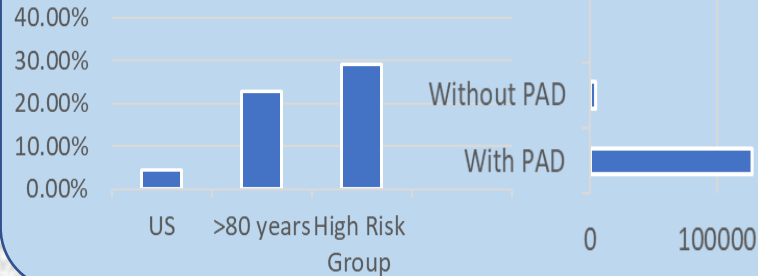


Risk factors disturb endothelial cell function and induce vascular remodelling

hypertension diabetes smoking hyperlipidemia



PAD EPIDEMIOLOGY Patient's Expenses



SVS/ACS Guidelines

- Smoking cessation
- Lipid and Blood sugar control
- ASA
- Referral



Non-compliant

No self- feet exams

Vitality/ lab value changes

ASK COP

- Calf, thigh or foot pain with walking
- Open wounds
- Paraesthesia on legs or feet

Recommendations

- Listen** - to their story, ask about activities
- Look** - for shiny skin, brittle nail, dependant rubor, wounds
- Feel** - warmth, sensitivity, pulses
- Check** - labs, meds, ankle brachial index

Identify at-risk patients

Modify risk factors

Refer to vascular

References

- Alahdab, F., Wang, A. T., Elraiyah, T. A., Malgor, R. D., Rizvi, A. Z., Lane, M. A., ... & Murad, M. H. (2015). A systematic review for the screening for peripheral arterial disease in asymptomatic patients. *Journal of vascular surgery*, 61(3), 42S-53S.
- Conte, M. S., Pomposelli, F. B., Clair, D. G., Geraghty, P. J., McKinsey, J. F., Mills, J. L., ... & Schanzer, A. (2015). Society for Vascular Surgery practice guidelines for atherosclerotic occlusive disease of the lower extremities: management of asymptomatic disease and claudication. *Journal of vascular surgery*, 61(3), 2S-41S.
- Curry, S. J., Krist, A. H., Owens, D. K., Barry, M. J., Caughey, A. B., Davidson, K. W., ... & Landefeld, C. S. (2018). Screening for peripheral artery disease and cardiovascular disease risk assessment with the ankle-brachial index: US Preventive Services Task Force recommendation statement. *Jama*, 320(2), 177-183.
- Londero, L. S., Lindholt, J. S., Thomsen, M. D., & Hoegh, A. (2016). Pulse palpation is an effective method for population-based screening to exclude peripheral arterial disease. *Journal of vascular surgery*, 63(5), 1305-1310.

Questions/ Comments
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