

Peripheral artery catheterization .. New hope

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Introduction

Peripheral artery disease (PAD): refers to arterial disease that occurs outside of the heart or brain.

PAD most commonly affects the arteries of the legs.

PAD diagnosis begins with a physical examination : Ankle-brachial index (ABI) or ultrasound imaging .

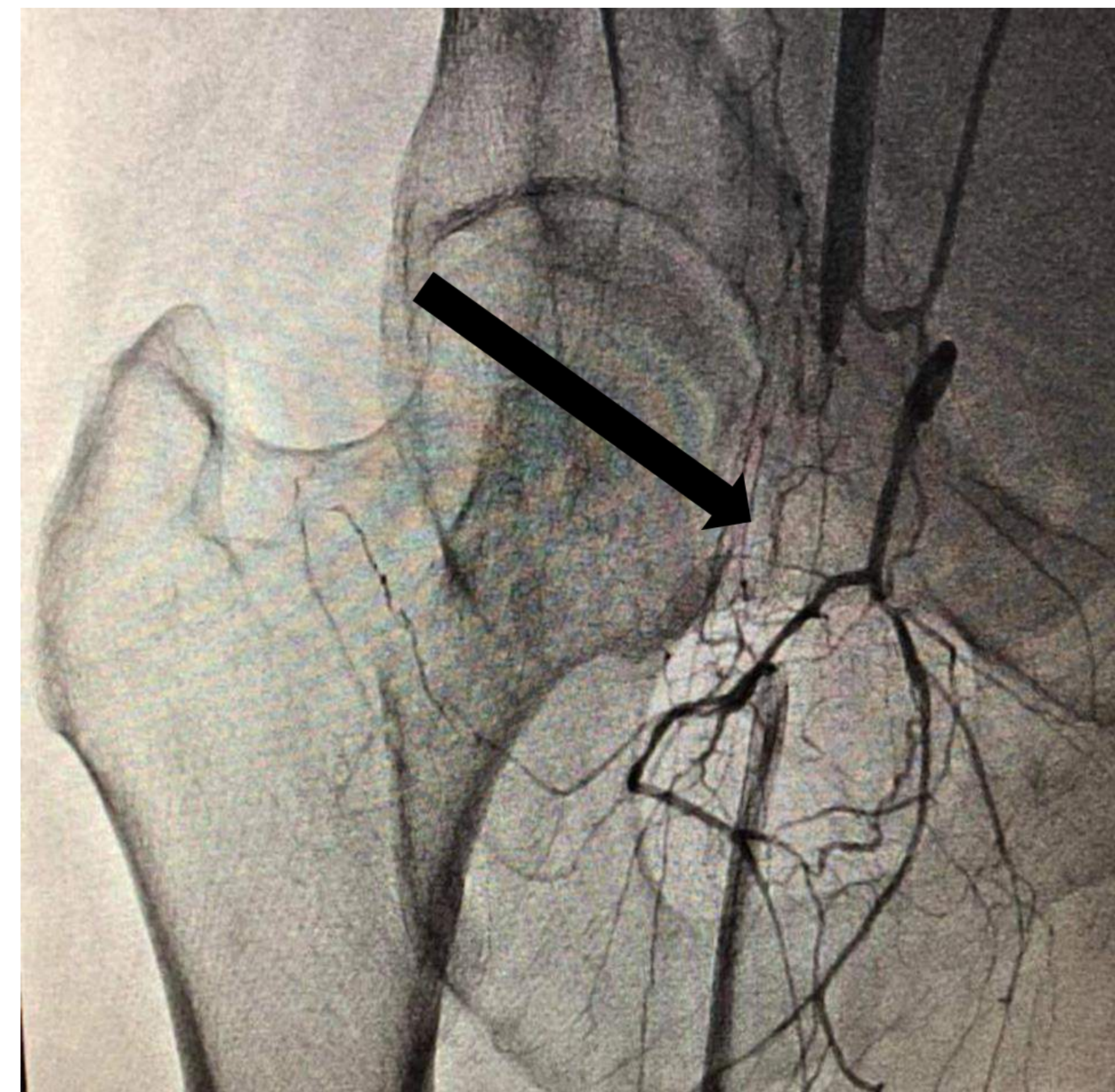
A peripheral catheterization: is a procedure used to detect certain upper and lower peripheral extremity conditions.

Non surgical invasion.(1)(2)

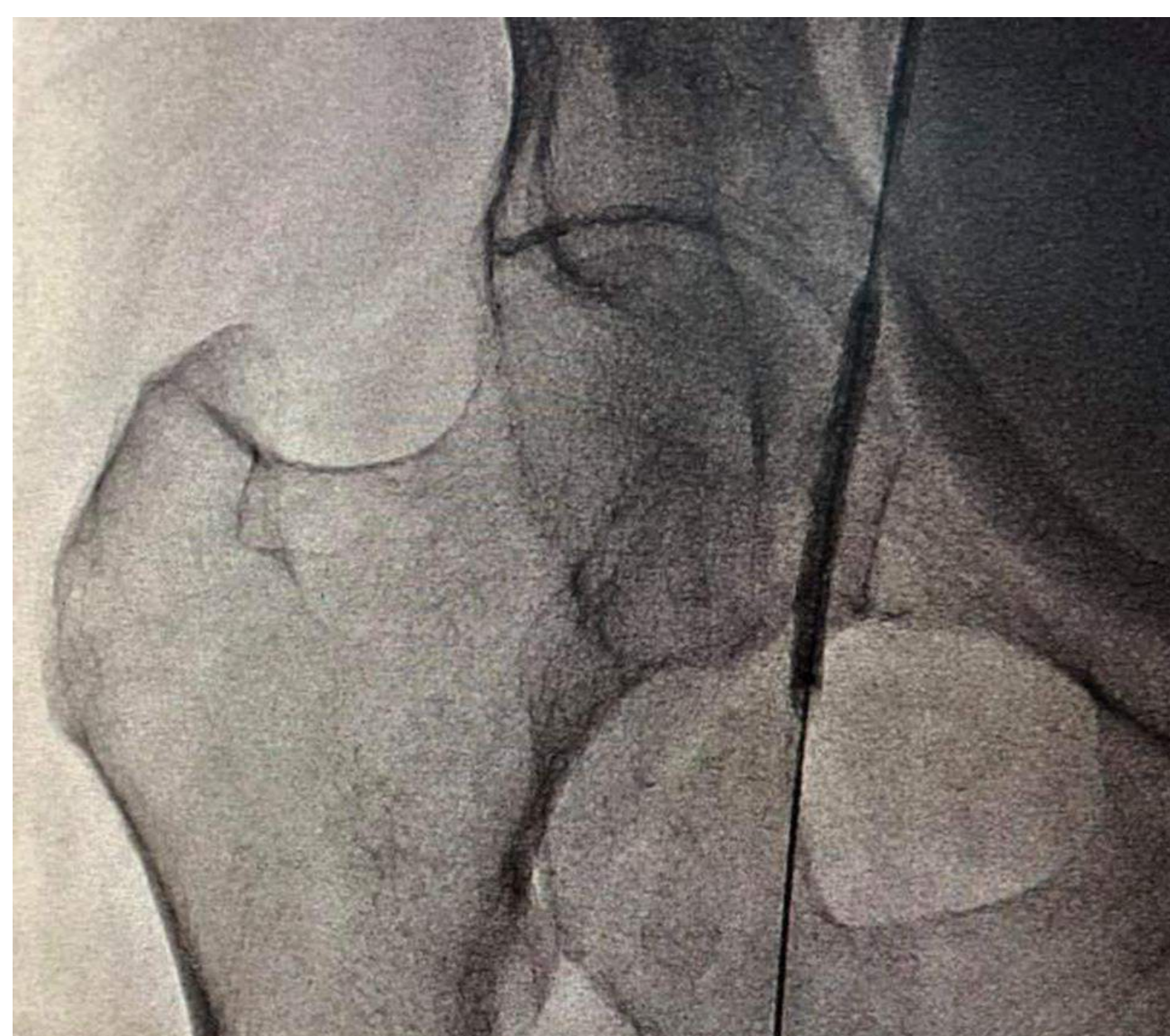
Methodology

A questionnaire.

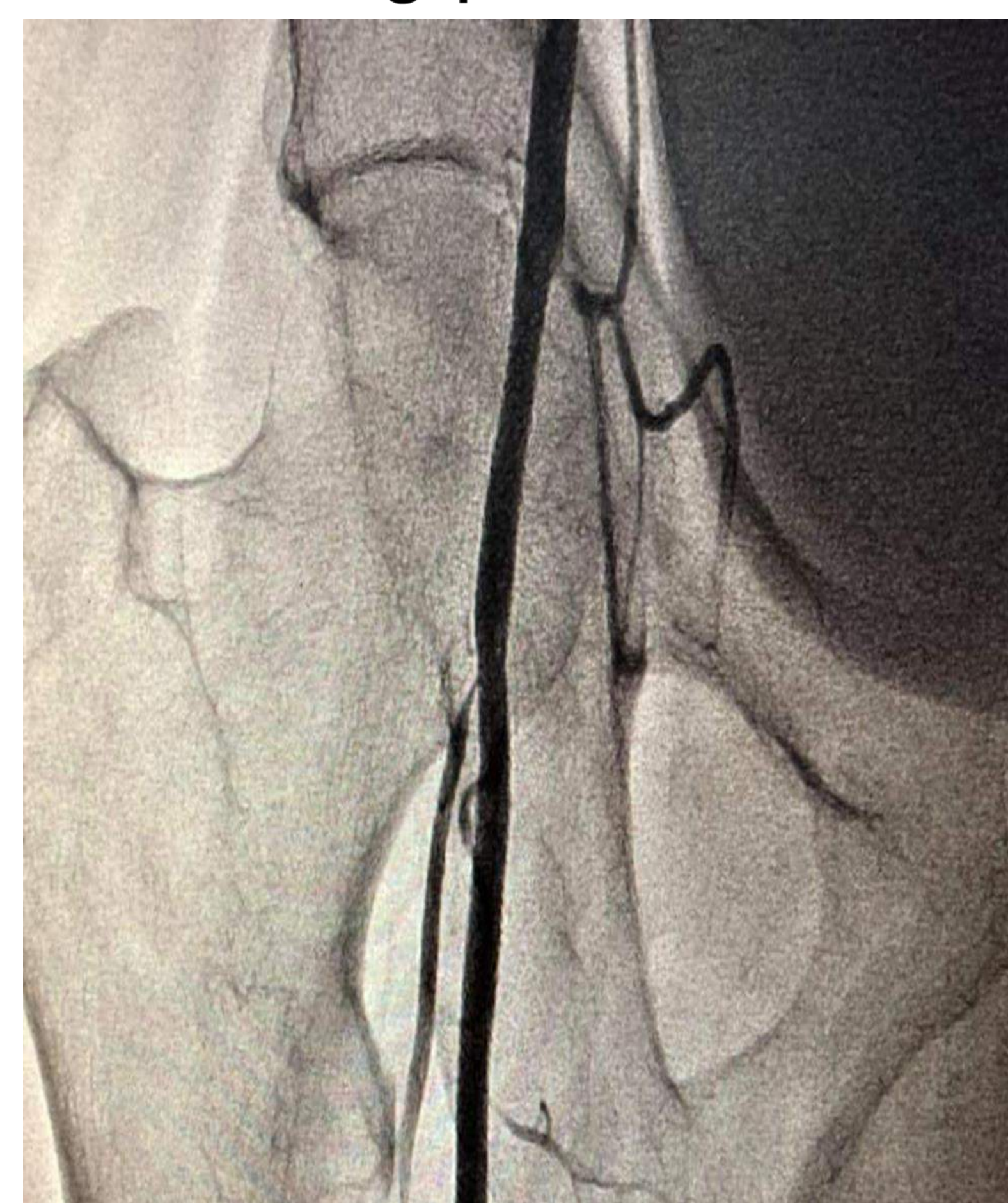
The sample : Sixteen (16) patients both sexes and a wide age range in the study. Patients with an earlier history of trauma were excluded from the peripheral artery disease questionnaire. An appropriate non-target sampling technique was used to record patients in the study .



Before procedure

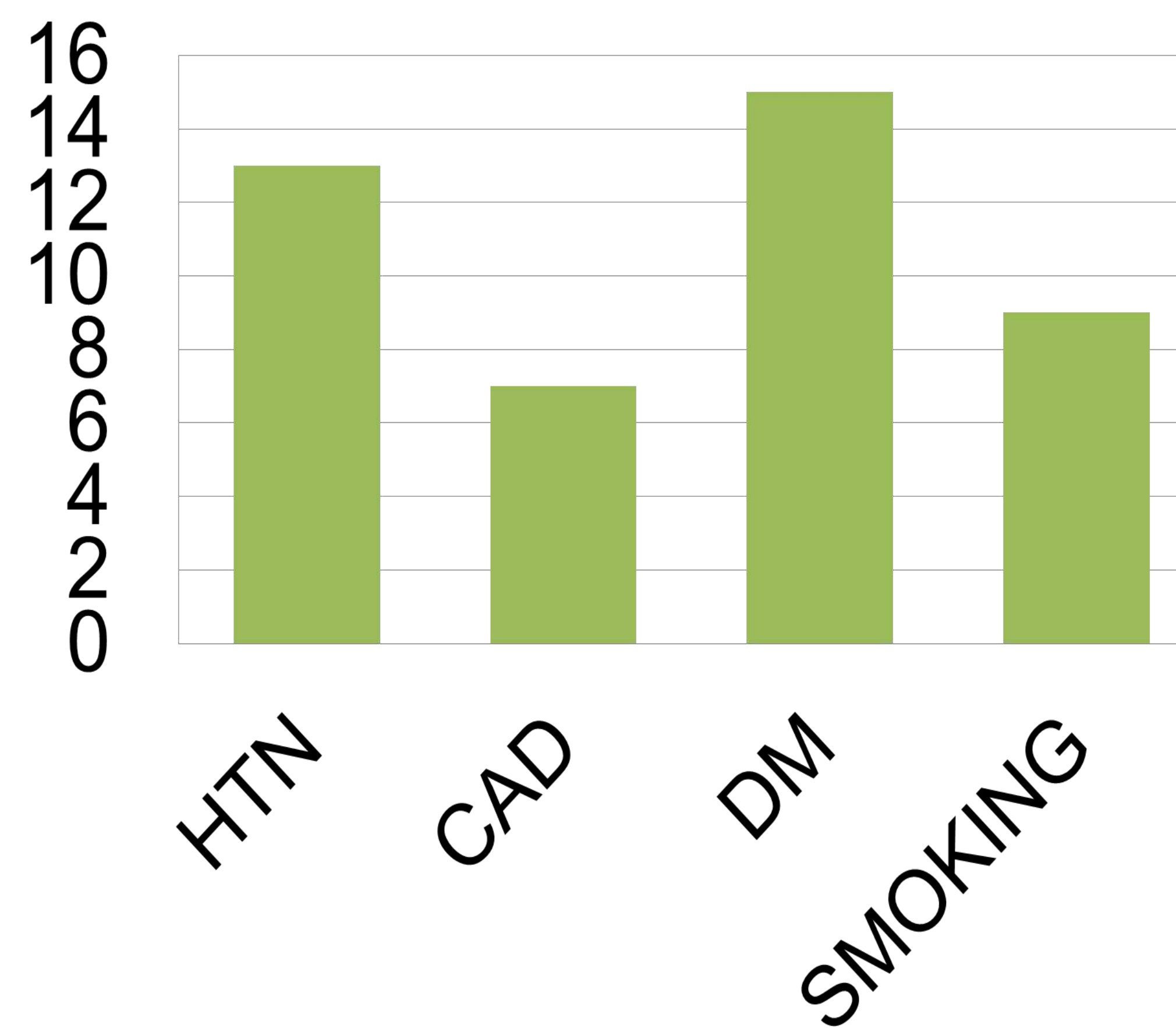


During procedure



After procedure

Result



This graph compares among the risk factors.

Diabetes is a major risk for PAD.

HTN: comes secondly , then smoking and finally CAD .

RECOMMENDATIONS

**Provide high quality training for resident physicians .
Providing modern medical devices.
conduct awareness campaigns in all countries at a level that reaches all people .**

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CONCLUSION

The peripheral artery catheterization is one of the most important modern techniques for the treatment of intractable diseases and the chances of treating them have become better.(2)

REFERENCES

1. Sardar, P., Giri J., Jaff, M. R., Parikh, S. A., Kundu, A., White, C. J., ... & Mukherjee, D. (2018). Strength of evidence underlying the American Heart Association/American College of Cardiology guidelines on endovascular and surgical treatment of peripheral vascular disease. *Circulation: Cardiovascular Interventions*, 12(1), e007244.
2. Vidovich, M. I. (2018). *U.S. Patent Application No. 15/729,614.*