



Michelle Cooper has completed this personal reflection on **10/11/2023**

Paper: Summer 2023 CPD Questions

Personal Reflection:

Description of the learning: questions based on two papers:

1. Duplex ultrasound derived maximal systolic acceleration can be a reliable and rapid alternative to ankle brachial pressure indices for the diabetic population with lower extremity arterial disease; a prospective, observational cohort study (Williamson et al.)
2. Giant cell arteritis: reviewing the advancing diagnostics and management (Bilton et al)

Evaluation and analysis:

Paper 1. Maximum systolic acceleration (AccMax) can be used for rapidly diagnosing PAD in diabetic patients. The study shows that it is a more accurate tool than ABPI in this patient group as results aren't affected by vessel calcification. It therefore could be used to assess those patients who are not suitable for ABPI assessment, and reduce unnecessary duplex scans.

Paper 2. A review article discussing the epidemiology and pathophysiology of giant cell arteritis (GCA), as well as patient presentation and assessment.