



Suzanne Hargreaves has completed this personal reflection on **23/01/2023**

Paper: Autumn 2022 CPD Questions

Personal Reflection:

The first paper looked at a new way of evaluating the haemodynamic affects of external iliac endofibrosis. Usually, ABPI is used but this paper looked at using a bicycle to obtain an bicycle ABPI and the recovery time (BART) to assess the severity and success in treatment. I have no experience of this condition and found this paper interesting to read. The BART appears to be a good subjective measurement of the condition as it provides a reliable result that can be replicated and does not rely on patients,Ä symptoms. The paper showed the patient symptoms can be subjective and unreliable, so it is not a good indicator of the success of any treatment undertaken. The paper showed that symptoms cannot be used to determine the success of treatment and other methods need to be employed.

The second paper looked at popliteal entrapment syndrome (PAE) and the reliability of duplex. Having undertaken assessment for PAE myself using ultrasound I was interested in the outcome. The technique that provided the most change in the popliteal artery was standing on tip toes as this affected the diameter and velocity along the vessel - this is the technique employed as part of the assessment at my hospital. However, the changes can be part of the normal physiological change due to movement of the muscles/ligaments and not related to PAE and so leads to false positive result. This needs to be kept in mind when scanning as an overdiagnosis could be made however ultrasound could be used as a screening tool so only those with a possibility if the condition would be referred for further imaging.