



Michelle Cooper has completed this personal reflection on **29/03/2023**

Paper: Winter 2022/23 CPD questions

Personal Reflection:

Questions based on two papers, 1. Arteriovenous hemodialysis access stenosis diagnosed by duplex ultrasonography: A review (Malik et al), and 2. Medium term outcomes of deep venous stenting in the management of venous thoracic outlet syndrome (de Boer et al).

Evaluation and Analysis

Paper 1. A range of diagnostic different criteria exist for grading AVF stenoses and their indication for intervention. The paper reviews these diagnostic criteria, the aims of which are to identify stenoses that cause clinical problems in order for intervention at the appropriate timeframe. In experienced hand, DUS is a precise method of diagnosing AVF/AVF stenoses, and various factors and measurements need to be taken into account when assessing their severity.

Paper 2. This is a retrospective analysis of patients managed for venous TOS with first rib resection followed by upper limb deep venous stenting. Stenting was shown to be effective alongside surgical decompression in the management of venous TOS. Medium term stent patency rates were promising, although longer follow up and multicentre results are needed to confirm these findings.