



THE SOCIETY FOR
VASCULAR TECHNOLOGY OF
GREAT BRITAIN AND IRELAND

Michelle Cooper has completed this personal reflection on **05/02/2019**

Paper: Winter 2019 CPD Questions

Personal Reflection:

Description of the learning: Questions based on two papers; 1. Detection of anomalous cervical internal carotid artery branches by colour duplex ultrasound. 2. Safety of early carotid artery stenting for symptomatic stenosis in daily practice.

Evaluation and analysis.

Paper 1. Previous references stating that the ICA does not have any extracranial branches are incorrect; the study found a 4% prevalence with colour Doppler. This could have surgical/treatment implications, so is something which should be considered and assessed when performing a carotid duplex examination. Extracranial ICA branches could result in misidentification of the ICA/ECA leading to negative outcomes for the patient.

Paper 2. The study examined the effectiveness of carotid artery stenting for symptomatic stenosis in the early phase after an ischaemic event. It found that stenting may be safely performed in these patients.

Conclusion and action plan.

Paper 1. Consider extracranial ICA branches when performing a carotid duplex scan to ensure correct identification of the ICA and ECA

Paper 2. Carotid artery stenting can be safely performed in the early phase following an ischaemic event.