



Joanne Widdup has completed this personal reflection on **06/11/2018**

Paper: Autumn 2018 CPD questions

Personal Reflection:

Description of Learning: Multiple choice questions to assess learning following reading two research papers. One titled 'Spiral Laminar Flow: a survey of a three-dimensional arterial flow pattern in a group of volunteers' and 'Multi-slice CT angiography versus duplex ultrasound in detection of stenosis of access arteriovenous fistulas and grafts in dysfunctional hemodialysis'. Although small scale studies, both have significant findings applicable to practice.

Evaluation: Both studies are very applicable to my current practice as I am involved with 2 research projects; one using computational modelling of MRA and CDUS AVF scans and the second to look at the ultrasound surveillance of AVF post creation. The first paper was good revision of haemodynamics and a reminder of the importance of this knowledge in our practice, I feel this is particularly applicable to AVF. The second confirms the value of CDUS in the assessment of AVF and also increases my knowledge of the alternative imaging modalities.

Conclusion: This has been a valuable learning experience as I have less experience of AVF scanning and am due to begin scanning more in the near future, this has broadened my knowledge and will help me to improve my clinical practice.