



**Helen Matthews** has completed this personal reflection on **29/11/2017**

**Paper:** Autumn 2017 CPD Questions

**Personal Reflection:**

Colour Duplex and 3D CEU have proved to be a safer and much cheaper method as a first line surveillance imaging tool following EVAR and in detecting endo-leaks than CTA. It is widely available and is equally efficient and accurate at monitoring EVAR endo-grafts. 3D CEUS may also be even more sensitive to endo-leaks than either 2D CEUS or CTA and has no known toxicity, which is another major advantage, plus there is no radiation exposure with CD as with CTA.

The 3D CEUS article was based on a pilot study. A wider range of patients were included in the CDU study with an in-depth statistical analysis reported. The technique and protocols were also fully described.