



Suzanne Hargreaves has completed this personal reflection on **26/07/2022**

Paper: Spring 2022 CPD Questions

Personal Reflection:

SPRING 2022 CPD QUESTIONS

The hospital I work in carries out standard EVAR and complex FEVAR procedures, so I was interested in reading the papers in this quarters CPD.

The first paper looked at EVAR surveillance and long-term outcomes. The paper was retrospective in nature so this prevented a commonality regarding the information obtained as each centre would document the information in different ways or conversely not document information that would be needed for the study. Despite this it was surprising to see the overall survival was greater in those people lost to follow up. This was unexpected and the author noted it needed to be investigated carefully. I would presume those who are well with no or few other health issues would not feel the need for continued follow up and so would, at some point, remove themselves from the surveillance programme. As they have no significant co-morbidities it can be assumed they will have a long-life span. Those people who did have problems detected during initial follow up would be more agreeable to follow up and problems monitored and intervened on as required. This is not something we have investigated here and it something a future student may wish to undertake.

The second paper looked at superb microvascular imaging (SMI) which I had not heard of before. This was a very interesting paper to read as it compared SMI, CEUS and CT. The result show CEUS and SMI produced identical results with no endoleak and type 2 endoleak. The benefit of SMI is that no injection is required meaning the vascular scientist can undertake this investigation without the need of a doctor being present. For us this means the scan can be undertaken as needed without any delay or rebooking involved. It was unfortunate the study did not compare type 1 or 3 endoleak but as SMI was successful with type 2 endoleaks, I would presume it would be equally successful. From reading this paper it would be interesting to visit the Toshiba stall at the VSS and see it demonstrated. As we are a large centre which undertakes EVAR and FEVAR surveillance it would be reasonable to consider purchasing a Toshiba machine with this capability for the benefit it brings in endoleak detection.

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