



THE SOCIETY FOR
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Heather Griffiths has completed this personal reflection on **06/02/2020**

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Personal Reflection:

Really interesting papers regarding the accuracy of determining perforator reflux. Study indicates that majority of incompetent perforator (using DUS alone) are found along the thigh Vs calf.

DUS showing incompetent PV- net outward flow only demonstrated in 84% thigh PV and 28.6% calf PV using QDP technology.

Sensitivity of DUS in detecting retrograde flow >0.5 seconds was SIGNIFICANTLY different to QDP detecting net outward flow. More prominent with calf perforators.

DUS showing competent PV, net outward flow only demonstrated in 2.4% thigh PV, and 47.3% calf PV.

Specificity for DUS in detecting retrograde flow <0.5 seconds ALONG with detecting a net inward flow was 96.4%.

CONCLUSION:

DUS detects more incompetent PV within the thigh.

DUS has low SENSITIVITY for detecting incompetent PV when comparing to QDP measurements of net outward flow.

DUS has high specificity for detecting competent PV when comparing to QDP measurements of net outward flow.