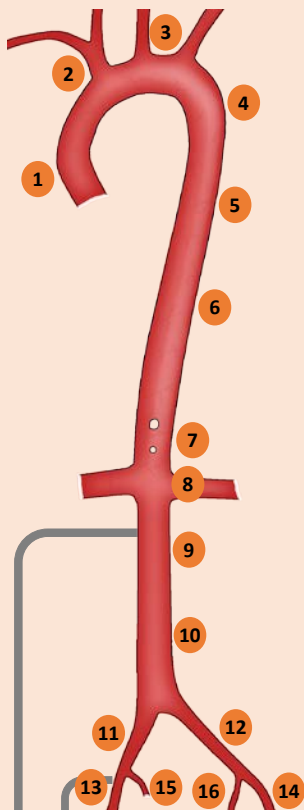


Investigating the influence of aortic composition on predisposition of aneurysmal disease.

L. Liyanage, P. Quinn, L. Ng, M. Bown.

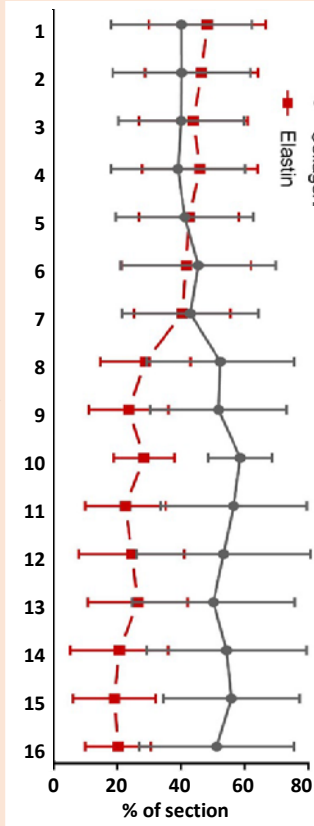
Department of Cardiovascular Sciences and the NIHR Leicester Biomedical Research Centre, University of Leicester, Leicester, UK.

Histological quantification of collagen and elastin



Percentage of collagen and elastin in the aortic wall measured using Elastin Van Gieson staining.

Changes distal to the heart showing an imbalance in protein composition.



Proteomic analysis of abdominal aorta vs EIA

Samples of abdominal aorta and external iliac artery taken forward.

Proteomic analysis revealed proteins with statistically significantly different expression.

