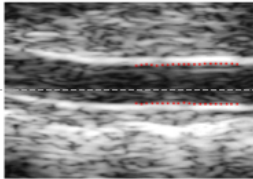


Age-related changes of ultrasound vascular biomarkers in healthy mice

N. Di Lascio^(1,2), C. Kusmic⁽²⁾, F. Stea^(2,3), F. Lenzarini⁽²⁾, F. Faita⁽²⁾

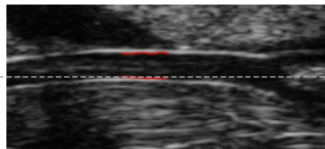
ABDOMINAL AORTA



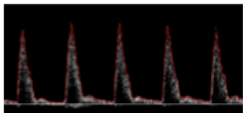
B-MODE IMAGES

Edge detection and
contour tracking
techniques
(barycenter of the
first order absolute
moment)

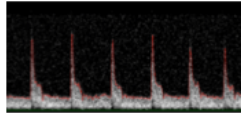
CAROTID ARTERY



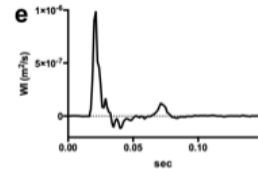
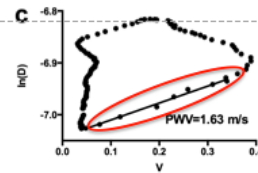
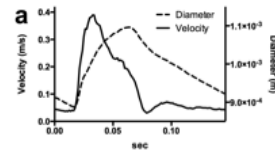
PW-DOPPLER IMAGES



Automatic
method of flow
signal envelope
detection



ABDOMINAL AORTA



CAROTID ARTERY

