Legend for Figures and Tables

**Figure 1** A schematic diagram showing the measurements taken

**Figure 2A-D** CT scans showing the structure underlying the sternum, using the upper 95% CI for a patient. A – sternal length; B – length of upper CI; C – crosshairs creating a transverse section; D – finding the underlying structure, in this case the ascending aorta

**Figure 3** Box and Whisker Plot showing BLS providers’ estimates of COC and INL. Y axis is ratio of sternal length measured from sterna notch. X represents mean Xcoc and Xinl.

**Table 1** Data is expressed as a ratio of the sternal length, from the sternal notch

**Table 2** The structures compressed under the mean and upper confidence interval for the volunteers’ estimates of the CoC and INL

**Table 3** The volunteers’ beliefs about the two approaches and CPR

**Table 4** Anatomical structures under estimates of centre of the chest (X_{COC}) and inter-nipple line (X_{INL}) with previous studies.