



Fig. E-1

Fig. E-1A Custom jig developed to rigidly secure each specimen at three points: the manubrium, the first rib, and the clavicle. **Fig. E-1B** Anterior view of a secured specimen after removal of the skin, subcutaneous fat, and pectoralis major. The sternum/manubrium can be seen potted in a polymethyl methacrylate (PMMA) cylinder, and the first rib and clavicle can be seen secured in the articulating clasps. Coordinate frames are secured to the manubrium and clavicle, and forceps are demonstrating the two heads of the right sternocleidomastoid muscle.