

Reference: Bassett CC, Gilbert KK, Hooper TL, James R. Shearwave elastography measured differences between unembalmed and embalmed knee tissue stiffness; (In preparation)

Context : Cadavers are valuable resources for education, research, and clinical simulation. However, no quantitative data exist to compare fresh cadaver tissue stiffness relative to embalmed cadavers

Objective: To determine whether knee tendon, muscle, and ligament tissues stiffnesses are different between unembalmed and embalmed cadavers between 5 and 20 degrees of knee flexion. To provide recommendations for unembalmed and embalmed cadaver use based on quantitative tissue stiffness. It was hypothesized that embalmed cadavers would have greater stiffness values than the Acquired Anatomical Research

Specimens, Patients or Other
age (60-94 years)