

AACA Anatomical Services Committee Symposium
Innovations Using Anatomical Materials in Education
Tuesday, July 15, 2008, 2:00- 4:30 PM

2:00- 2:40 Cadaveric CT: An Innovative Teaching Tool in the Anatomy Lab

First year medical students at Mayo Clinic School of Medicine have the unique opportunity to learn radiology from CT images of the cadavers dissected during their gross anatomy course. This presentation will provide details on the practical and educational aspects used in this innovative approach to radiology teaching.

John Barlow, MD, Dept. Of Radiology, Mayo Clinic School of Medicine, Mayo Clinic

2:50- 3:30 The Unembalmed Cadaver: A Unique Educational Experience

The Cleveland Clinic Lerner College of Medicine (CCLCM) of Case Western Reserve University welcomed its first group of medical students in the summer of 2004. While most aspects of the CCLCM program are unique, maybe the most striking innovation is the exclusive use of unembalmed cadavers in the anatomy program. Discussed in this presentation will be why this approach was chosen, what special situations the unembalmed cadaver presents, and does the benefit outweigh the challenges.

Richard L. Drake, Ph.D., Director of Anatomy, Professor of Surgery,
Cleveland Clinic Lerner College of Medicine, Cleveland Clinic

3:40- 4:20 Cadaver Trauma Research and It's Role in Anatomical Education

Anatomical specimens are routinely and most often used for teaching future healthcare professionals their basic anatomy. This is certainly a worthwhile and honorable use of bequeathals. However, cadavers serve an equally honorable utility in the performance of inductive and deductive research. This talk will mainly focus on biomechanical experiments using human cadavers in an effort to quantify tolerance to traumatic forces.

David J. Porta, Ph.D., Human Anatomy & Trauma Biomechanics, Bellarmine University