

# **The use of cadavers and cadaveric parts, tissues and organs for teaching and scientific research purposes**

## **Abstract**

The use of cadavers and cadaveric tissues, organs, and body parts has played a fundamental role in the advancement of medical education and scientific research for centuries. Human cadavers provide an invaluable resource for teaching anatomy, developing surgical skills, and enhancing healthcare professionals' understanding of the human body. In addition, cadaveric materials contribute significantly to biomedical research, allowing scientists to study disease processes, evaluate new medical technologies, and improve surgical techniques in a safe and controlled environment.

This presentation explores the educational and scientific importance of cadaver donation, highlighting its benefits for medical training, research innovation, and patient safety. It also examines the ethical, legal, and cultural considerations surrounding the acquisition, handling, and use of human remains. Furthermore, the presentation discusses current regulations, informed consent procedures, and the principles of respect, dignity, and confidentiality that guide the responsible use of cadaveric materials. By understanding both the opportunities and challenges associated with cadaver-based teaching and research, healthcare professionals and researchers can ensure that these valuable resources continue to support medical progress while honoring the generosity of donors and their families.

**Keywords:** cadavers, anatomy education, medical training, scientific research, bioethics, informed consent, cadaver donation, surgical education.