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An In-Depth Analysis of Human Tissues by [James](#)

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Are you looking for some inside information on human tissues? Here is an up-to-date from human tissue experts who should know. Now that we have covered those aspects of human tissue, let us turn to some of the other factors that need to be considered. Human tissues have been of immense importance for medical research and teaching purposes. With the advancement of the biomedical industry, there has been a sudden rise in requirement of human tissues, both fresh and archival for research, validation and even commercial purposes. Medical and scientific usage of human tissue includes organ transplantation, pharmaceutical testing and genetic research.

These tissues are used to increase an understanding of human diseases and accordingly research and develop new techniques of treatment. It is also necessary that the public supports the use of such tissue and in order to attain this trust and support, all the human tissues used must be obtained lawfully and with appropriate consent as per the tissue act..

Consent is not mandatory if tissues from living subjects are being used for clinical audit, education and quality assurance. However, this consent is required for all the purposes if tissue is being obtained from a dead individual. It is easy to obtain human tissues from nursing homes and hospitals due to the absence of checks, measures and legislations regarding use of tissues for research and commercial purposes. Many a times, agents from biomedical companies approach pathology departments for requests of blocks related to cancers of breast, colon and lungs. These requests are categorized as research when actually they are used for constructing of tissue microarrays.

Pathologists must ensure that the patient autonomy and rights are preserved by conducting a strict check on use of tissues for commercial purposes. Moreover, strict compliance with the code of ethics must be followed at times while handling human tissues for any purpose..

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