

Jul 31, 2024

Human Knee Tissue Procurement, Resection and Multimodal Analyses

DOI

dx.doi.org/10.17504/protocols.io.kqdg32bp1v25/v1

Merissa Olmer¹, hswahn¹, Martin Lotz¹

¹Scripps Research

Human BioMolecular Atla...

Scripps Research

1 more workspace



Merissa Olmer

Scripps Research

OPEN ACCESS



DOI: dx.doi.org/10.17504/protocols.io.kqdg32bp1v25/v1

Protocol Citation: Merissa Olmer, hswahn, Martin Lotz 2024. Human Knee Tissue Procurement, Resection and Multimodal Analyses . protocols.io https://dx.doi.org/10.17504/protocols.io.kqdg32bp1v25/v1

License: This is an open access protocol distributed under the terms of the **Creative Commons Attribution License**, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited

Protocol status: Working
We use this protocol for our
tissue procurement
procedures.

Created: July 31, 2024

Last Modified: July 31, 2024

Protocol Integer ID: 104368

Keywords: Human, Musculoskeletal, Knee, Tissue Procurement, Tissue Harvesting, Tissue Collection, Cartilage, Osteochondral, ACL,

PCL, MCL, LCL, Meniscus, Bone, Fat Pad, Synovium, Patella, Femur

Funders Acknowledgement:

HuBMAP

Grant ID: AR078664_04



Disclaimer

Informed written consent was obtained from all tissue donors and the study was approved by the Scripps Institutional Review Board (IRB# 22-8069).

Abstract

This protocol describes the procurement of entire human knee joints, resection of joint tissues and allocation for multimodal analyses. The protocol is focused on entire knees that are recovered by Organ Procurement Organizations and parts of the protocol are also applicable for human joint tissues that are removed during surgery on the knee or other joints. For entire knees, samples of all joint tissues are resected to allow analysis of 'the knee as an organ'.

Attachments



HUMAN KNEE TISSUE

PR...

2.1MB



1

2