



# PRECISIONARY

## REFERENCES FOR CARTILAGE

All of these **peer-reviewed publications** have used the Compresstome® for successful tissue slices. If you have any questions, please contact us:

[www.precisionary.com](http://www.precisionary.com)

E-mail: [info@precisionary.com](mailto:info@precisionary.com)

Phone: 617-683-0586

### References

1. De Rosa M, Filippone G, Best TM, Jackson AR, Travascio F. Mechanical properties of meniscal circumferential fibers using an inverse finite element analysis approach. *J Mech Behav Biomed Mater*. 2022 Feb;126:105073. Epub 2022 Jan 5. PMID: 34999488; PMCID: PMC9162054.
2. Morejon A, Norberg CD, De Rosa M, Best TM, Jackson AR, Travascio F. Compressive Properties and Hydraulic Permeability of Human Meniscus: Relationships With Tissue Structure and Composition. *Front Bioeng Biotechnol*. 2021 Feb 10;8:622552. PMID: 33644008; PMCID: PMC7902918.
3. Morejon A, Mantero AMA, Best TM, Jackson AR, Travascio F. Mechanisms of energy dissipation and relationship with tissue composition in human meniscus. *Osteoarthritis Cartilage*. 2022 Apr;30(4):605-612. Epub 2022 Jan 13. PMID: 35032627; PMCID: PMC8940718.
4. Norberg C, Filippone G, Andreopoulos F, Best TM, Baraga M, Jackson AR, Travascio F. Viscoelastic and equilibrium shear properties of human meniscus: Relationships with tissue structure and composition. *J Biomech*. 2021 May 7;120:110343. Epub 2021 Mar 1. PMID: 33730559; PMCID: PMC8089054.
5. Orton K, Batchelor W, Ziebarth NM, Best TM, Travascio F, Jackson AR. Biomechanical properties of porcine meniscus as determined via AFM: Effect of region, compartment and anisotropy. *PLoS One*. 2023 Jan 20;18(1):e0280616. PMID: 36662701; PMCID: PMC9858324.

6. Travascio F, Valladares-Prieto S, Jackson AR. EFFECTS OF SOLUTE SIZE AND TISSUE COMPOSITION ON MOLECULAR AND MACROMOLECULAR DIFFUSIVITY IN HUMAN KNEE CARTILAGE. *Osteoarthr Cartil Open*. 2020 Dec;2(4):100087. Epub 2020 Jul 24. PMID: 34611626; PMCID: PMC8489571.
  
7. Travascio F, Devaux F, Volz M, Jackson AR. Molecular and macromolecular diffusion in human meniscus: relationships with tissue structure and composition. *Osteoarthritis Cartilage*. 2020 Mar;28(3):375-382. Epub 2020 Jan 7. PMID: 31917232; PMCID: PMC7248550.