Accepted Manuscript

Short communication

Computational Sensitivity Investigation of Hydrogel Injection Characteristics for Myocardial Support

Hua Wang, Christopher B. Rodell, Madonna E. Lee, Neville N. Dusaj, Joseph H. Gorman III, Jason A. Burdick, Robert C. Gorman, Jonathan F. Wenk

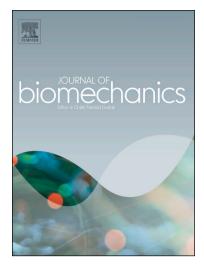
 PII:
 S0021-9290(17)30446-3

 DOI:
 http://dx.doi.org/10.1016/j.jbiomech.2017.08.024

 Reference:
 BM 8350

To appear in: Journal of Biomechanics

Accepted Date: 22 August 2017



Please cite this article as: H. Wang, C.B. Rodell, M.E. Lee, N.N. Dusaj, J.H. Gorman III, J.A. Burdick, R.C. Gorman, J.F. Wenk, Computational Sensitivity Investigation of Hydrogel Injection Characteristics for Myocardial Support, *Journal of Biomechanics* (2017), doi: http://dx.doi.org/10.1016/j.jbiomech.2017.08.024

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSCRIPT

Computational Sensitivity Investigation of Hydrogel Injection Characteristics for Myocardial Support

Hua Wang¹ Christopher B. Rodell² Madonna E. Lee³ Neville N. Dusaj⁴ Joseph H. Gorman, III³ Jason A. Burdick² Robert C. Gorman³ Jonathan F. Wenk^{1,5*}

Department of Mechanical Engineering¹ University of Kentucky, Lexington, KY; Department of Bioengineering² University of Pennsylvania, Philadelphia, PA; Gorman Cardiovascular Research Group and Department of Surgery³ University of Pennsylvania, Philadelphia, PA;

Departments of Chemistry and Physics⁴ University of Pennsylvania, Philadelphia, PA; Department of Surgery⁵ University of Kentucky, Lexington, KY;

Submitted to: Journal of Biomechanics Article type: Short Communication

*Corresponding Author: Jonathan F. Wenk, Ph.D. University of Kentucky Department of Mechanical Engineering 269 Ralph G. Anderson Building Lexington, KY 40506-0503 Phone: (859) 218-0658 Fax: (859) 257-3304 Email: jonathan.wenk@uky.edu Download English Version:

https://daneshyari.com/en/article/7237122

Download Persian Version:

https://daneshyari.com/article/7237122

Daneshyari.com