Accepted Manuscript

Full length article

Introduction of sacrificial bonds to hydrogels to increase defect tolerance during suturing of multilayer vascular grafts

Allison Post, Alysha P. Kishan, Patricia Diaz-Rodriguez, Egemen Tuzun, Mariah Hahn, Elizabeth Cosgriff-Hernandez

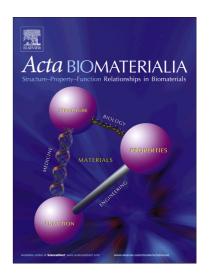
PII: S1742-7061(18)30044-8

DOI: https://doi.org/10.1016/j.actbio.2018.01.033

Reference: ACTBIO 5288

To appear in: Acta Biomaterialia

Received Date: 10 November 2017 Revised Date: 18 January 2018 Accepted Date: 23 January 2018



Please cite this article as: Post, A., Kishan, A.P., Diaz-Rodriguez, P., Tuzun, E., Hahn, M., Cosgriff-Hernandez, E., Introduction of sacrificial bonds to hydrogels to increase defect tolerance during suturing of multilayer vascular grafts, *Acta Biomaterialia* (2018), doi: https://doi.org/10.1016/j.actbio.2018.01.033

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.

Introduction of sacrificial bonds to hydrogels to increase defect tolerance during suturing of multilayer vascular grafts

Allison Post¹, Alysha P. Kishan¹, Patricia Diaz-Rodriguez², Egemen Tuzun³, Mariah Hahn², Elizabeth Cosgriff-Hernandez⁴

¹Department of Biomedical Engineering, Texas A&M University, College Station, Texas,

77843

²Department of Biomedical Engineering, Rensselaer Polytechnic Institute, Troy, New York

12180

³Texas A&M, Institute for Preclinical Studies, Texas A&M University, 800 Raymond

Stotzer, College Station, Texas 77843

⁴Department of Biomedical Engineering, University of Texas, Austin, Texas, 78712

Manuscript submitted to Acta Biomaterialia

Corresponding author address: 107 W. Dean Keaton, BME 3.503D 1 University Station, C0800 Austin, TX 78712

Tel: (512) 471-7679 Fax: (512) 471-0616

Authors' e-mail addresses:

Allison Post, M.S.: apost10103@tamu.edu Alysha P. Kishan, Ph.D.: akish007@tamu.edu Patricia Diaz-Rodriguez, Ph.D.: diazrp@rpi.edu Egemen Tuzun, M.D.: egemen.tuzun@tamu.edu

Mariah Hahn, Ph.D.: Hahnm@rpi.edu

†Elizabeth Cosgriff-Hernandez, Ph.D.: cosgriff.hernandez@utexas.edu

[†]corresponding author

Download English Version:

https://daneshyari.com/en/article/6483037

Download Persian Version:

https://daneshyari.com/article/6483037

<u>Daneshyari.com</u>