### Author's Accepted Manuscript

The Biaxial Active Mechanical Properties Of The Porcine Primary Renal Artery

Boran Zhou, Alexander Rachev, Tarek Shazly



www.elsevier.com/locate/jmbbm

PII: S1751-6161(15)00118-6

DOI: http://dx.doi.org/10.1016/j.jmbbm.2015.04.004

Reference: JMBBM1440

To appear in: Journal of the Mechanical Behavior of Biomedical Materials

Received date: 15 January 2015 Revised date: 26 March 2015

Accepted date: 1 April 2015

Cite this article as: Boran Zhou, Alexander Rachev, Tarek Shazly, The Biaxial Active Mechanical Properties Of The Porcine Primary Renal Artery, *Journal of the Mechanical Behavior of Biomedical Materials*, http://dx.doi.org/10.1016/j.jmbbm.2015.04.004

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 galley proof before it is published in its final citable 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

# THE BIAXIAL ACTIVE MECHANICAL PROPERTIES OF THE PORCINE PRIMARY RENAL ARTERY

Boran Zhou<sup>1</sup>; Alexander Rachev<sup>1,2</sup>; Tarek Shazly<sup>1,3</sup>

<sup>1</sup> College of Engineering and Computing, Biomedical Engineering Program University of South Carolina, Columbia, SC, 29208, U.S.A.

<sup>2</sup> Institute of Mechanics, Bulgarian Academy of Sciences 1113 Sofia, Bulgaria

<sup>3</sup> College of Engineering and Computing, Mechanical Engineering Department University of South Carolina, Columbia, SC, 29208, U.S.A.

Abbreviated title: Active renal artery mechanics

#### Corresponding author:

Tarek Shazly, Ph.D.

Email: shazly@mailbox.sc.edu

Address: 300 Main St., RM A219, Columbia, South Carolina, 29208

#### Download English Version:

## https://daneshyari.com/en/article/7208453

Download Persian Version:

https://daneshyari.com/article/7208453

<u>Daneshyari.com</u>