

Author's Accepted Manuscript

Stented valve dynamic behavior induced by polyester fiber leaflet material in transcatheter aortic valve devices

Hoda Hatoum, Frederick Heim, Lakshmi Prasad Dasi



PII: S1751-6161(18)30778-1
DOI: <https://doi.org/10.1016/j.jmbbm.2018.06.038>
Reference: JMBBM2859

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

Received date: 17 May 2018
Revised date: 21 June 2018
Accepted date: 25 June 2018

Cite this article as: Hoda Hatoum, Frederick Heim and Lakshmi Prasad Dasi, Stented valve dynamic behavior induced by polyester fiber leaflet material in transcatheter aortic valve devices, *Journal of the Mechanical Behavior of Biomedical Materials*, <https://doi.org/10.1016/j.jmbbm.2018.06.038>

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.

Stented valve dynamic behavior induced by polyester fiber leaflet material in transcatheter aortic valve devices

Hoda Hatoum, MS¹; Frederick Heim, PhD²; Lakshmi Prasad Dasi, PhD¹

¹ Department of Biomedical Engineering, the Ohio State University, Columbus, OH, United States

² Laboratoire de Physique et Mécanique Textiles, Mulhouse, France

Conflict of Interest: Dr. Dasi report having two patent applications on novel surgical and transcatheter valves. No other conflicts were reported.

Address for correspondence and reprints:

Lakshmi Prasad Dasi, PhD
Associate Professor, Department of Biomedical Engineering
The Ohio State University
473 W 12th Ave.
Columbus, OH 43210
TEL: (614) 247-8313
EMAIL: lakshmi.dasi@osumc.edu

Total words: 4347

Download English Version:

<https://daneshyari.com/en/article/7206910>

Download Persian Version:

<https://daneshyari.com/article/7206910>

[Daneshyari.com](https://daneshyari.com)