Author's Accepted Manuscript

Disturbed flow in a patient-specific arteriovenous fistula for haemodialysis: multidirectional and reciprocating near-wall flow patterns

Semperboni, Bogdan Ene-Iordache, Cristina Gabriele Dubini, Andrea Remuzzi



PII: S0021-9290(15)00229-8

http://dx.doi.org/10.1016/j.jbiomech.2015.04.013 DOI:

Reference: BM7130

To appear in: Journal of Biomechanics

Received date: 12 December 2014 Revised date: 27 March 2015 Accepted date: 5 April 2015

Cite this article as: Bogdan Ene-Iordache, Cristina Semperboni, Gabriele Dubini and Andrea Remuzzi, Disturbed flow in a patient-specific arteriovenous fistula for haemodialysis: multidirectional and reciprocating near-wall flow patterns, Journal of Biomechanics, http://dx.doi.org/10.1016/j.jbiomech.2015.04.013

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.

Disturbed flow in a patient-specific arteriovenous fistula

for haemodialysis: multidirectional and reciprocating near-wall flow patterns

Bogdan Ene-Iordache^a, Cristina Semperboni^b, Gabriele Dubini^c and Andrea Remuzzi^{a,d} ^a IRCCS – Istituto di Ricerche Farmacologiche "Mario Negri" Ranica (BG), Italy nusciilà

^b Department of Biomedical Engineering

Politecnico di Milano

Milano (MI), Italy

^c Laboratory of Biological Structure Mechanics - LaBS

Department of Chemistry, Materials and Chemical Engineering "Giulio Natta"

Politecnico di Milano

Milano (MI), Italy

^d Department of Industrial Engineering

University of Bergamo

Dalmine (BG), Italy

Running head: Disturbed flow in a patient-specific AVF

Download English Version:

https://daneshyari.com/en/article/10431444

Download Persian Version:

https://daneshyari.com/article/10431444

<u>Daneshyari.com</u>