

Author's Accepted Manuscript

Erythrocyte aging as a mechanism of anemia and a biomarker of device thrombosis in continuous-flow left ventricular assist devices
Erythrocyte Aging in Ventricular Assist Devices

Ziad Taimeh, Ryan J. Koene, Julie Furne, Ashish Singal, Peter M. Eckman, Michael D. Levitt, Marc R. Pritzker



<http://www.jhltonline.org>

PII: S1053-2498(17)31358-X
DOI: <http://dx.doi.org/10.1016/j.healun.2017.02.007>
Reference: HEALUN6454

To appear in: *Journal of Heart and Lung Transplantation*

Cite this article as: Ziad Taimeh, Ryan J. Koene, Julie Furne, Ashish Singal, Peter M. Eckman, Michael D. Levitt and Marc R. Pritzker, Erythrocyte aging as a mechanism of anemia and a biomarker of device thrombosis in continuous-flow left ventricular assist devices
Erythrocyte Aging in Ventricular Assist Devices, *Journal of Heart and Lung Transplantation*, <http://dx.doi.org/10.1016/j.healun.2017.02.007>

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.

Erythrocyte Aging as a Mechanism of Anemia and a Biomarker of Device Thrombosis in Continuous-Flow Left Ventricular Assist Devices

Ziad Taimeh, MD^{1,2}; Ryan J Koene, MD¹; Julie Furne²; Ashish Singal, PhD¹; Peter M Eckman, MD³; Michael D Levitt, MD²; Marc R Pritzker, MD¹.

1. Texas Heart Institute, Baylor College of Medicine, Houston, TX.
2. Lillehei Heart Institute, University of Minnesota School of Medicine, Minneapolis, MN.
3. Minneapolis Veterans Affairs Hospital, University of Minnesota School of Medicine, Minneapolis, MN.
4. Minneapolis Heart Institute, Abbott Northwestern Hospital, Minneapolis, MN.

Erythrocyte Aging in Ventricular Assist Devices.

Correspondence:

Ziad Taimeh, MD;

6720 Bertner Avenue,

Houston, TX 77030.

Phone: (832) 355-6676; Fax: (832) 355-8374;

Email: ziad.taimeh@bcm.edu

Keywords: Thrombosis, ventricular assist device, exhaled carbon monoxide, erythrocyte lifespan.

Download English Version:

<https://daneshyari.com/en/article/5615826>

Download Persian Version:

<https://daneshyari.com/article/5615826>

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