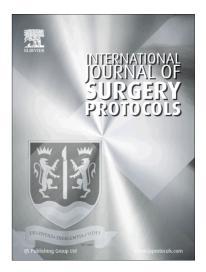
## Accepted Manuscript

Significance of Oxygen Free Radicals in the Pathophysiology of Hemorrhagic Shock – A Protocol

Shyamal Premaratne, Dhanushya T. Amaratunga, Francis E. Mensah, J. Judson McNamara

PII:	S2468-3574(17)30036-0
DOI:	https://doi.org/10.1016/j.isjp.2018.04.002
Reference:	ISJP 21
To appear in:	International Journal of Surgery Protocols
Received Date:	11 September 2017
Revised Date:	3 April 2018
Accepted Date:	10 April 2018



Please cite this article as: S. Premaratne, D.T. Amaratunga, F.E. Mensah, J. Judson McNamara, Significance of Oxygen Free Radicals in the Pathophysiology of Hemorrhagic Shock – A Protocol, *International Journal of Surgery Protocols* (2018), doi: https://doi.org/10.1016/j.isjp.2018.04.002

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.

## SIGNIFICANCE OF OXYGEN FREE RADICALS IN THE PATHOPHYSIOLOGY OF HEMORRHAGIC SHOCK – A PROTOCOL

By

Shyamal Premaratne, MD, MS, PhD<sup>1, 4</sup>, Dhanushya T. Amaratunga, MBBS<sup>2</sup>, Francis E. Mensah, PhD, DSc<sup>3</sup> and (Late) J. Judson McNamara, MD, FACS, FACC<sup>3</sup>

<sup>1</sup>Hunter Holmes McGuire Veterans Administration Medical Center,

Richmond, Virginia

<sup>2</sup>Faculty of Medicine, University of Peradeniya

Peradeniya, Sri Lanka

<sup>3</sup>Departmemnt of Natural Sciences, Virginia Union University, Richmond, Virginia

<sup>4</sup>Department of Surgery, John A. Burns School of Medicine, University of Hawaii and Research

Laboratory at the Queen's Medical Center, Honolulu, Hawaii

Running Title: Oxygen Free Radicals in Hemorrhagic Shock

Key Words: Ischemia, Reperfusion, Free Radicals, Scavengers, Hemorrhage

Address for correspondence and requests for reprints:

Shyamal Premaratne, MD, MS, PhD

Mail Stop 151

Hunter Holmes McGuire Veterans Administration Medical Center

1201 Broad Rock Boulevard

Richmond, VA 23249

(804) 675 5000 (Voice); (804) 937 5673 (Mobile)

spremaratne@vuu.edu (Electronic Mail)

Download English Version:

## https://daneshyari.com/en/article/8928713

Download Persian Version:

https://daneshyari.com/article/8928713

Daneshyari.com