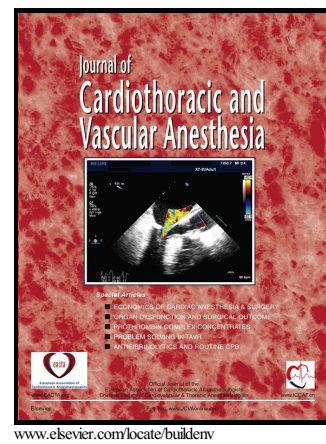


## Author's Accepted Manuscript

The Challenge of Pregnancy in Patients with Pre-capillary Pulmonary Hypertension: Veno-arterial Extracorporeal Membrane Oxygenation as an Innovative Support for Delivery

Patrizio Vitulo, Marta Beretta, Gennaro Martucci, Cesar Mario Hernandez Baravoglia, Giuseppe Romano, Alessandro Bertani, Lavinia Martino, Adriana Callari, Giovanna Panarello, Michele Pilato, Antonio Arcadipane



PII: S1053-0770(17)30401-9

DOI: <http://dx.doi.org/10.1053/j.jvca.2017.04.012>

Reference: YJCAN4094

To appear in: *Journal of Cardiothoracic and Vascular Anesthesia*

Cite this article as: Patrizio Vitulo, Marta Beretta, Gennaro Martucci, Cesar Mario Hernandez Baravoglia, Giuseppe Romano, Alessandro Bertani, Lavinia Martino, Adriana Callari, Giovanna Panarello, Michele Pilato and Antonio Arcadipane, The Challenge of Pregnancy in Patients with Pre-capillary Pulmonary Hypertension: Veno-arterial Extracorporeal Membrane Oxygenation as an Innovative Support for Delivery, *Journal of Cardiothoracic and Vascular Anesthesia*, <http://dx.doi.org/10.1053/j.jvca.2017.04.012>

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.

The challenge of pregnancy in patients with pre-capillary pulmonary hypertension: veno-arterial extracorporeal membrane oxygenation as an innovative support for delivery.

Patrizio Vitulo MD<sup>1</sup>, Marta Beretta MD<sup>1</sup>, Gennaro Martucci MD<sup>2</sup>, Cesar Mario Hernandez Baravoglia MD<sup>3</sup>, Giuseppe Romano MD<sup>3</sup>, Alessandro Bertani MD<sup>4</sup>, Lavinia Martino MD<sup>1</sup>, Adriana Callari MD<sup>1</sup>, Giovanna Panarello MD<sup>2</sup>, Michele Pilato MD<sup>5</sup>, Antonio Arcadipane MD<sup>2</sup>

1: Department for the Treatment and Study of Cardiothoracic Diseases and Cardiothoracic Transplantation, Pneumology Unit, IRCCS-ISMETT (Istituto Mediterraneo per i Trapianti e Terapie ad alta specializzazione).

2: Department of Anesthesia and Intensive Care, IRCCS-ISMETT (Istituto Mediterraneo per i Trapianti e Terapie ad alta specializzazione).

3: Department for the Treatment and Study of Cardiothoracic Diseases and Cardiothoracic Transplantation, Cardiology Unit, IRCCS-ISMETT (Istituto Mediterraneo per i Trapianti e Terapie ad alta specializzazione).

4: Department for the Treatment and Study of Cardiothoracic Diseases and Cardiothoracic Transplantation, Thoracic Surgery and Lung Transplantation Unit, IRCCS-ISMETT (Istituto Mediterraneo per i Trapianti e Terapie ad alta specializzazione).

5: Department for the Treatment and Study of Cardiothoracic Diseases and Cardiothoracic Transplantation, Cardiac Surgery and Heart Transplantation Unit, IRCCS-ISMETT (Istituto Mediterraneo per i Trapianti e Terapie ad alta specializzazione).

Corresponding Author:

Patrizio Vitulo, MD

Department for the Treatment and Study of Cardiothoracic Diseases and Cardiothoracic Transplantation, Pneumology Unit, IRCCS-ISMETT (Istituto Mediterraneo per i Trapianti e Terapie ad alta specializzazione).

Via Tricomi 5, 90133 Palermo, Italy

Tel. 0039.0912192478

Fax. 0091.0912192111

pvitulo@ismett.edu

Conflict of interests: none.

This research received no specific grant from any funding agency in the public, commercial, or not-for-profit sectors.

Introduction

Pulmonary hypertension (PH) is a condition characterized by a mean pulmonary arterial pressure (mPAP)  $\geq 25$  mmHg. PH is defined “pre-capillary” when the pulmonary capillary pressure is  $< 16$  mmHg, and pulmonary vascular resistance is  $> 3$  Wood Units. The 2015 ESC/ERS guidelines (European Society of Cardiology/European Respiratory Society) classify PH in 5 groups on the basis of clinical, pathophysiological, and anatomical criteria.

Download English Version:

<https://daneshyari.com/en/article/8619104>

Download Persian Version:

<https://daneshyari.com/article/8619104>

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