

Accepted Manuscript

Title: Early ECPR for out-of-hospital cardiac arrest: Best Practice in 2018

Authors: Alice Hutin, Mamoun Abu-Habsa, Brian Burns, Steve Bernard, Joe Bellezzo, Zack Shinar, Ervigio Corral Torres, Pierre-Yves Gueugniaud, Pierre Carli, Lionel Lamhaut



PII: S0300-9572(18)30215-6
DOI: <https://doi.org/10.1016/j.resuscitation.2018.05.004>
Reference: RESUS 7600

To appear in: *Resuscitation*

Received date: 29-12-2017
Revised date: 26-3-2018
Accepted date: 4-5-2018

Please cite this article as: Hutin A, Abu-Habsa M, Burns B, Bernard S, Bellezzo J, Shinar Z, Torres EC, Gueugniaud P-Yves, Carli P, Lamhaut L, Early ECPR for out-of-hospital cardiac arrest: Best Practice in 2018, *Resuscitation* (2018), <https://doi.org/10.1016/j.resuscitation.2018.05.004>

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.

Early ECPR for out-of-hospital cardiac arrest: Best Practice in 2018

Alice Hutin^{1,2*} MD,PhD; Mamoun Abu-Habsa^{3*} MD; Brian Burns^{4,11} MD; Steve Bernard⁵ MD; Joe Bellezzo⁶ MD, Zack Shinar⁶ MD; Ervigio Corral Torres⁷ MD; Pierre-Yves Gueugniaud⁸ MD,PhD; Pierre Carli^{1,9}MD; Lionel Lamhaut^{1,9,10} MD, PhD

1: SAMU de Paris-DAR Necker University Hospital-Assistance Public Hopitaux de Paris; Paris; France

2 : INSERM U955, Equipe 3, Créteil, France

3 : Critical Care, Barts Health NHS Trust; London; UK

4,11 : Greater Sydney Area HEMS, NSW Ambulance, Sydney, NSW, Australia..

5: Alfred Hospital and DEPM, Monash University, Melbourne, Victoria, Australia

6: Emergency Department, Sharp Memorial Hospital, San Diego, California, USA

7: SAMUR - Protección Civil ;Madrid ;Spain

8: SAMU de Lyon, University hospital HCL; Lyon; France

9: Paris Descartes University, Paris, France

10: INSERM U970 Team 4 "Sudden Death Expertise Center"; Paris; France

11 Sydney Medical School, Sydney University

*Alice Hutin and Mamoun Abu-Habsa contributed equally

Word count: 2422

Key words: ECPR-ECMO- Cardiac arrest –Refractory cardiac arrest

Introduction

Approximately 500 000 people in Europe sustain cardiac arrests every year.(1) The major aetiology (84–99%) of cardiac arrest cases presenting to the Emergency Department (ED) is medical cause (e.g. myocardial infarction). The overall 1-year survival rate for out-of-hospital cardiac arrest remains low (< 6%) .(1)

Download English Version:

<https://daneshyari.com/en/article/8675422>

Download Persian Version:

<https://daneshyari.com/article/8675422>

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