

Accepted Manuscript

Development of a discrete event simulation model for evaluating strategies of red blood cell provision following mass casualty events

Simon M. Glasgow , Zane B. Perkins , Nigel R. Tai , Karim Brohi , Christos Vasilakis

PII: S0377-2217(18)30217-0
DOI: [10.1016/j.ejor.2018.03.008](https://doi.org/10.1016/j.ejor.2018.03.008)
Reference: EOR 15027



To appear in: *European Journal of Operational Research*

Received date: 12 December 2016
Revised date: 8 February 2018
Accepted date: 6 March 2018

Please cite this article as: Simon M. Glasgow , Zane B. Perkins , Nigel R. Tai , Karim Brohi , Christos Vasilakis , Development of a discrete event simulation model for evaluating strategies of red blood cell provision following mass casualty events, *European Journal of Operational Research* (2018), doi: [10.1016/j.ejor.2018.03.008](https://doi.org/10.1016/j.ejor.2018.03.008)

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.

Highlights

- First operational research study of hospital transfusion systems in a disaster
- A new approach to planning for these increasingly prevalent events
- Unique access to empirical data from the UK's largest post war mass casualty event
- Model outputs focusing on patient outcomes over system efficiency
- Translation of results into policy through key stakeholder consultation

ACCEPTED MANUSCRIPT

Download English Version:

<https://daneshyari.com/en/article/6894653>

Download Persian Version:

<https://daneshyari.com/article/6894653>

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