

Accepted Manuscript

Title: Missing Data in Trauma Registries: A Systematic Review

Authors: Gowri Shivasabesan, Biswadev Mitra, Gerard M. O'Reilly



PII: S0020-1383(18)30164-5
DOI: <https://doi.org/10.1016/j.injury.2018.03.035>
Reference: JINJ 7640

To appear in: *Injury, Int. J. Care Injured*

Accepted date: 29-3-2018

Please cite this article as: Shivasabesan Gowri, Mitra Biswadev, O'Reilly Gerard M. Missing Data in Trauma Registries: A Systematic Review. *Injury* <https://doi.org/10.1016/j.injury.2018.03.035>

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.

Missing Data in Trauma Registries: A Systematic Review

Authors: Gowri Shivasabesan^{1,2,3}, Biswadev Mitra^{1,2,3}, Gerard M. O'Reilly^{1,2,3}

¹Emergency & Trauma Centre, The Alfred Hospital, Melbourne, Australia;

²National Trauma Research Institute, The Alfred Hospital, Melbourne, Australia;

³Department of Epidemiology & Preventive Medicine, Monash University, Melbourne, Australia

Address for correspondence:

Gowri Shivasabesan

National Trauma Research Institute, 85-89 Commercial Rd, Melbourne, VIC 3004

gshi13@student.monash.edu; gsgowri16@gmail.com

(+61) 403 717 234

Abstract

Background: Trauma registries play an integral role in trauma systems but their valid use hinges on data quality. The aim of this study was to determine, among contemporary publications using trauma registry data, the level of reporting of data completeness and the methods used to deal with missing data.

Methods: A systematic review was conducted of all trauma registry-based manuscripts published from 01 January 2015 to current date (17 March 2017). Studies were identified by searching MEDLINE, EMBASE, and CINAHL using relevant subject headings and keywords. Included manuscripts were evaluated based on previously published recommendations regarding the reporting and discussion of missing data. Manuscripts were graded on their degree of characterization of such observations. In addition, the methods used to manage missing data were examined.

Download English Version:

<https://daneshyari.com/en/article/8944721>

Download Persian Version:

<https://daneshyari.com/article/8944721>

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