

Apr 19, 2020

Triage for critically ill patients under the limited medical resource capacity during the COVID-19 and other infectious disease pandemics: a scoping review.

DOI

<https://dx.doi.org/10.17504/protocols.io.bfaejibe>

Yusuke Tsutsumi¹, Yasushi Tsujimoto², Sei Takahashi³, Asuka Tsuchiya¹, Ikuyo Tsutsumi⁴

¹Department of Emergency Medicine, National Hospital Organization Mito Medical Center, Ibaraki, Japan;

²Department of Nephrology and Dialysis, Kyoritsu Hospital, Hyogo, Japan;

³Center for Innovative Research for Communities and Clinical Excellence (CiRC2LE), Fukushima Medical University, Fukushima, Japan;

⁴Department of Hematology, National Hospital Organization Mito Medical Center, Ibaraki, Japan



Yusuke Tsutsumi

Department of Emergency Medicine, National Hospital Organiza...

Create & collaborate more with a free account

Edit and publish protocols, collaborate in communities, share insights through comments, and track progress with run records.

Create free account

OPEN  ACCESS



DOI: <https://dx.doi.org/10.17504/protocols.io.bfaejibe>

Protocol Citation: Yusuke Tsutsumi, Yasushi Tsujimoto, Sei Takahashi, Asuka Tsuchiya, Ikuyo Tsutsumi 2020. Triage for critically ill patients under the limited medical resource capacity during the COVID-19 and other infectious disease pandemics: a scoping review.. **protocols.io** <https://dx.doi.org/10.17504/protocols.io.bfaejibe>

License: This is an open access protocol distributed under the terms of the **[Creative Commons Attribution License](#)**, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited

Protocol status: Working

We use this protocol and it's working

Created: April 19, 2020

Last Modified: April 19, 2020

Protocol Integer ID: 35878

Keywords: ill patients due to the pandemic disease, disease pandemic, allocation of medical resource, limited medical resource capacity, medical resource capacity, pandemic disease, other infectious disease pandemic, number of patient, scoping review methodology, patients in the resource scarcity, established triage criteria, medical resource, scoping review protocol, triage criteria, ill patient, populations among patient, reported triage, scoping review, available for clinician, infectious disease, systematic review, preferred reporting items for systematic review, patient, triage, clinician, systematic search on medline, review protocol, review methodology, selected population, scarce resource situation

Abstract

Introduction

COVID-19 spread worldwide rapidly since December 12, 2019, affecting more than 180 countries. The rapidly increased number of patients sometimes exceed medical resource capacity. Under the scarce resource situation, clinicians may need to allocate medical resources to selected populations. However, there are no established triage criteria. Therefore, we conducted a scoping review to map the reported triage available. We formulated the following primary review question: What kind of criteria and algorithms are available for clinicians to triage patients in the resource scarcity setting during the disease pandemic like COVID-19?

Methods and analysis

For conducting the scoping review protocol, we will use a scoping review methodology established in the Joanna Briggs Institute manual. We also will use the Preferred Reporting Items for Systematic Reviews and Meta-Analyses Extension for Scoping Reviews to assess the results. The concept of our review will be the triage criteria, systems, or algorithms used for the allocation of medical resources to selected populations among patients with the pandemic disease. The context of our review will be the resource scarcity setting during disease pandemic like COVID-19. We will conduct the systematic search on MEDLINE, Embase, and Cochrane controlled register of trials (CENTRAL) and include studies that incorporate critically ill patients due to the pandemic disease itself. We will summarize the studies based on the characteristics and efficiency (if applicable) of triages.

Ethics and dissemination

Since this is a review of the literature, ethics approval is not mandated. We will publish the results from this review in peer-reviewed journals.

Attachments



Covid-19_Scoping_pro...

50KB

