



# Treatment of coagulopathy in COVID-19 patients: protocol for a scoping review

Hiroataka Mori<sup>1</sup>, Hiroshi Ohkawara<sup>1</sup>, Takayuki Ikezoe<sup>1</sup>, Ryuichi Togawa<sup>2</sup>, Mami Rikimaru<sup>2</sup>, Yoko Shibata<sup>2</sup>

<sup>1</sup>Department of Hematology, Fukushima Medical University, Fukushima 960-1295, Japan,

<sup>2</sup>Department of Respiratory Medicine, Fukushima Medical University, Fukushima 960-1295, Japan

1 Works for me [dx.doi.org/10.17504/protocols.io.bgrpjv5n](https://dx.doi.org/10.17504/protocols.io.bgrpjv5n)

Hiroataka Mori  
Department of Hematology, Fukushima Medical University, Fuku...

## ABSTRACT

### Background

Coronavirus infection disease 2019 (COVID-19) patients have a significant association with coagulopathy and disseminated intravascular coagulation contributing to high mortality. The treatment of COVID-19 and the control of coagulopathy are the primary concern. Although the evidence of anticoagulants in COVID-19 patients with coagulopathy is compiling, there is no scoping review to systematically map the anticoagulants used in this area and to identify the existing gaps between investigated treatment and not. The objective is to conduct a scoping review of available evidence on the anticoagulants in COVID-19 patients with coagulopathy.

### Methods

For conducting the scoping review protocol, we will use a scoping review methodology in the Joanna Briggs Institute manual. This methodology has a five-stage approach:

(1) identify the research question; (2) identify relevant studies; (3) select studies; (4) chart the data and (5) collating, summarize and report the results. We also will use the Preferred Reporting Items for Systematic Reviews and Meta-Analyses Extension for Scoping Reviews to assess the results.

### Ethics and dissemination

Because this is a review of the literature, ethics approval is not indicated. We will disseminate the findings from this review in publications in peer-reviewed journals.

## ATTACHMENTS

[protocol.pdf](#)