

What are the outcomes of ECMO and COVID, particularly in small centers?

<https://covid19evidencereviews.saskhealthauthority.ca/en/permalink/coviddoc244>

Document Type: Rapid Review
Review Code: EOC011101 RR
Question Submitted: January 11, 2021
Date Completed: January 13, 2021
Status: 3. Completed
Research Team: EOC

Key Findings:

Overall, data are insufficient to recommend for or against the use of ECMO in patients with COVID-19 and refractory hypoxemia.

The best available evidence points to an overall combined mortality rate of 46% among COVID-19 patients placed on ECMO (n=331). This rate is similar to the overall 40% mortality rate for extracorporeal life support in pulmonary failure. However, mortality rates among COVID-19 patients on ECMO range widely due to patient factors, site specific factors, and small sample sizes in available studies.

Recommendations for strategies and patient indications/contraindications are available to help guide centres intending to offer ECMO to COVID-19 patients.

Category: Clinical Management
Healthcare Services

Subject: Critical Care
Treatment

Population: All

Clinical Setting: ICU

Priority Level: Level 2 One week (7 days)

Cite As: Vanstone, J; Groot, G; Dalidowicz, M; Young, C. What are the outcomes of ECMO and COVID, particularly in small centers? 2021 Jan 13; Document no.: EOC011101 RR. In: COVID-19 Rapid Evidence Reviews [Internet]. SK: SK COVID Evidence Support Team, c2020. 7 p. (CEST rapid review report)

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