

UC San Diego

Family Medicine Research Symposium 2026

Title

A Retrospective Study On OMM Inpatient Consults for Hospitalized COVID-19 Patients

Permalink

<https://escholarship.org/uc/item/87k61485>

Authors

Huffman, Jared

Millhouse, Roger

Will, Meadow

Publication Date

2026-08-12

Peer reviewed

Background

OMM consults were provided to inpatient COVID patients. Past research shows a decrease in LOS for pneumonia patients with OMT MOPSE protocol. Previous NERMC data suggests an increase in mortality for patients placed on noninvasive positive pressure ventilation (NIPPV).

Objective

Hypothesize that additional variables could highlight improvements to OMM consults.

Methods

Retrospective research conducted on COVID patients hospitalized between 03/2020 and 07/2021 at NERMC. Patients with OMM consult orders were placed into an experimental group, then further separated into patients requiring NIPPV and not.

Results

Demographics between the experimental and control were similar. Experimental mortality was double the control. Average LOS was 4 days longer for the experimental group. The number of days hospitalized before OMM consult was more for NIPPV patients. No NIPPV patients consulted for OMM before NIPPV placement. The odds of OMM consult for NIPPV patients were 1.15 for ($p = 0.818$). Odds of OMM consult for a patient who ultimately expired was 2.75 ($p = 0.117$).

Conclusion

Data suggests that many critically ill patients requiring NIPPV, did not readily receive consults for OMM. When they did, it was much more delayed than patients not requiring NIPPV. Limitations in experimental sample size attributes to the lack of statistical significance but does show trends that could influence future OMM consult considerations, including the implementation of the MOPSE protocol.