

Variation in COVID-19 disease severity at hospital admission over time and across hospitals: A multi-institution cohort of Michigan hospitals



Results from 22 Michigan hospitals participating in joint CQI effort from 3/1/20-6/1/20

1,315 COVID-19 hospitalizations



754 (57.3%) patients admitted on room air

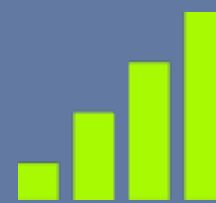


Proportion of patients requiring oxygen at time of admission varied markedly across hospitals

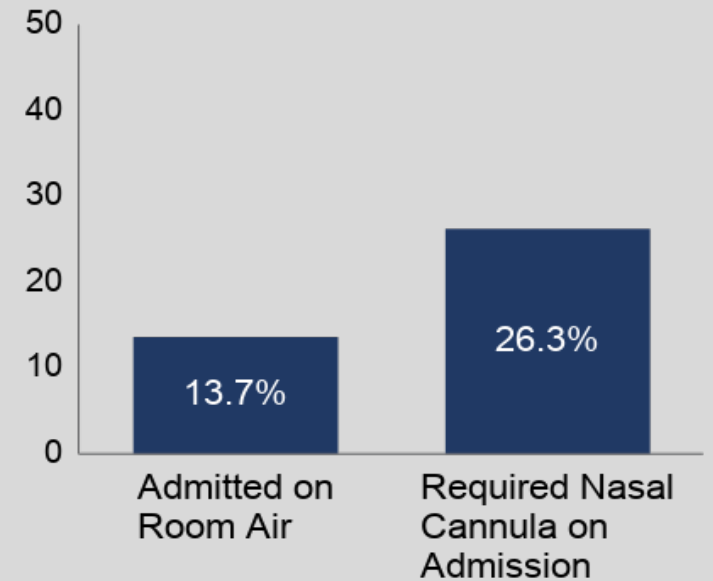
(32-80%)

and over time

(49-69%)



In-hospital Mortality



Patients hospitalized with COVID-19 experienced high rates of disease progression and in-hospital mortality
Our findings suggest that oxygen requirement may be too high an admission threshold



Wayne M et al. *Medicine*. 2021.