

Study of clinical profile of covid in patients with underlying respiratory illness

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Abstract

Background: As Covid is a disease primarily affecting the lungs it is feared that patients with preexisting respiratory illnesses would be more seriously affected by it. There have been studies showing the protective effects of some medications like budesonide. A sample of 100 + consecutive patients with respiratory illness affected by covid in the months from June 2020 to March 2021 were studied.

Methodology: A retrospective observational study was carried out with the study subjects being all patients with underlying respiratory illness admitted at a large tertiary hospital between April 2020 to March 2021-a one year period.

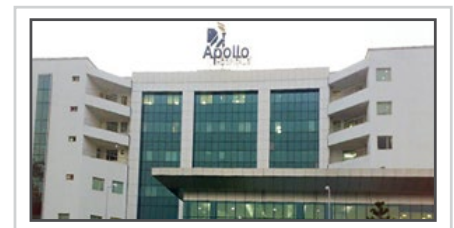
Data Collection: Information was collected from the patient database of admitted patients maintained in the hospital records.

Data Analysis: Age, risk factors, primary diagnosis, comorbidities, primary medications, course of illness in the hospital and given duration of stay and outcomes was analyzed. Length of hospitalization, requirement of oxygen, NIV and ventilator requirement of ICU and death rate was compared in this group to that in the overall group.

Conclusion: It was observed that patients with preexisting respiratory illness had higher incidence of oxygen requirement, ICU admission, non-invasive ventilation, mechanical ventilation, and death.

Biography

Jayalakshmi T K is currently working at Apollo Hospitals, Navi Mumbai, as Senior Consultant, Pulmonologist and DNB teacher. She has obtained her Post-Graduate Master's degree (MD) in Pulmonary medicine at BYL Nair hospital (1996), MBBS at the prestigious KEM hospital in Mumbai (1993) and postgraduate European Diplomate in Respiratory Medicine in 2013. She has served as faculty, Professor and Head of Department at DY Patil hospital and Medical College in Navi Mumbai from 2001 to 2016. She has been an active part of the National TB and MDR TB program and has been an initiator and promoter for the DOTS and DOTS plus TB programs. Since March 2020 she is actively managing Covid patients in OPD and IPD and is part of the Covid task Force at Apollo Hospitals Navi Mumbai. She was awarded the Arogya Dhanasampada award in 2021 for her role in treatment and education in Covid. She has presented numerous papers and in National and International conferences and has numerous publications to her credit.



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