

Spectrum of COVID-19 in a Tertiary care Neuro Rehabilitation Centre.

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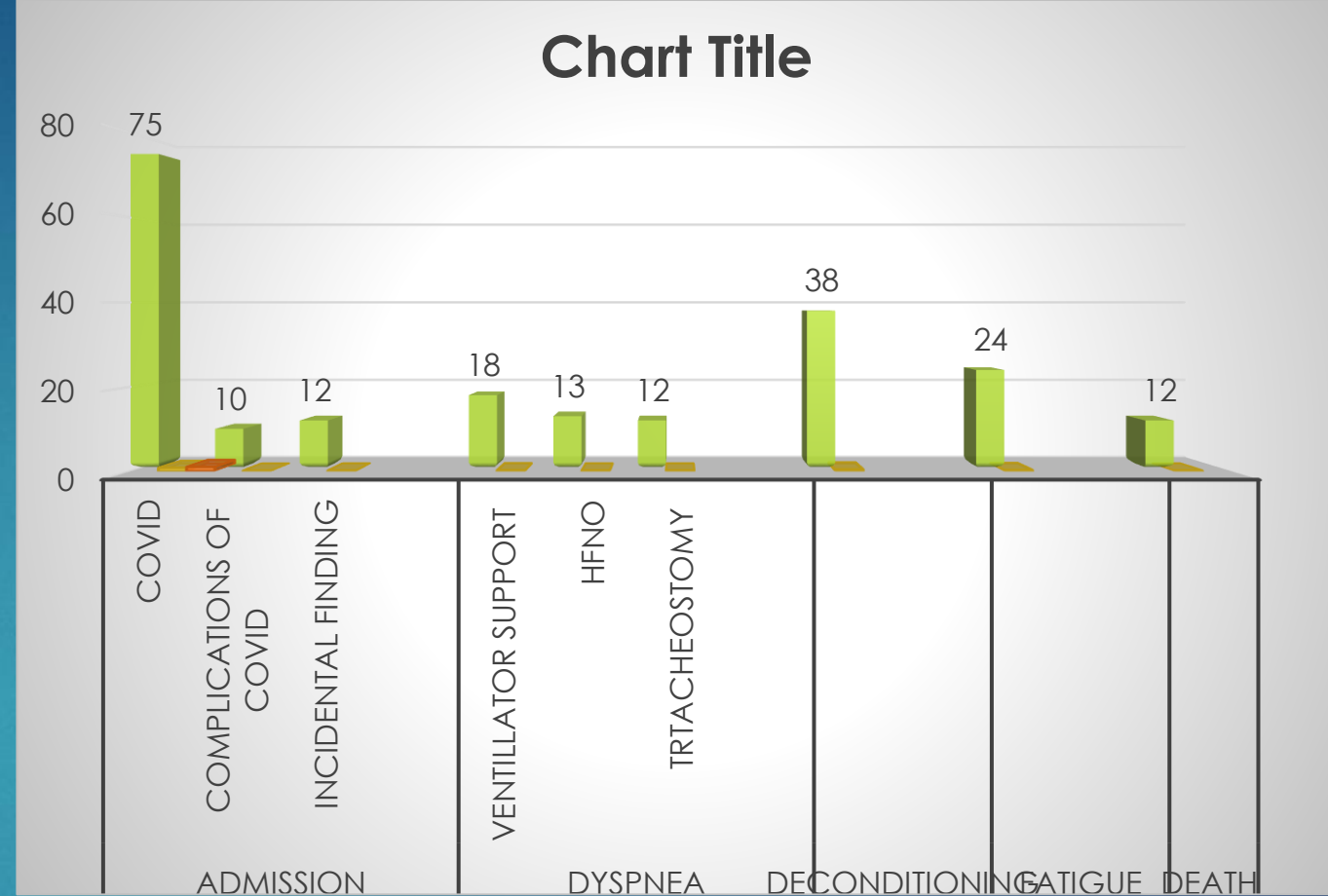
Introduction: -

- ▶ The coronavirus disease 2019 (COVID-19) caused by severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) first emerged in Wuhan (China) and has spread to 215 countries including India.
- ▶ In India as on March 3rd, 2020 nearly 10 million people were totally infected, death around 150 thousand dead and 9.9 million people recovered with Maharashtra state leading in the Number of cases.
- ▶ In Kokilaben Dhirubhai Ambani Hospital & Medical Research Institute we have full-fledged Rehabilitation department and patient have the best opportunity for the maximum best outcome from covid-19 disease and Post covid-19 complication.

- **Aims and Objectives:** -
 - The aim of the study is to present the demographic details, clinical features and severity of illness for patients who were affected by COVID-19 and seen during July 2021 to February 2021 in the Centre of Physical Medicine & Rehabilitation in Kokilaben Dhirubhai Ambani Hospital and Medical Research Institute
- **Materials and Methods:** -
 - It is a Cross Sectional Observational Retrospective study.
 - All the patient with history of COVID-19 infection who attended/referred to Centre of Physical Medicine & Rehabilitation for Neuro Rehabilitation, Pain management and post COVID-19 Cardio - Respiratory rehabilitation for Inpatient, Outpatient and Day care management were included in the study.
 - Detailed history of the patient including the severity of the disease, reason for referral were collected. The main disabling issues in the post COVID patients like Dyspnea, Deconditioning & Fatigue will be graded using standard scales.

Results :-

- 97 patients were taken in the study
- All who survived were weaned off from ventilator within range of 5 to 60 days, were decannulated and all were sent home without oxygen except 3 patients who required 0.5-1 lt of oxygen while mobile; with Home rehabilitation Program.



Conclusion :-

- The patients who required prolonged Ventilator support are the one who had severe Dyspnea , deconditioning , Fatigue , pain and cognitive impairments.