

# Corona: Covid 19 Presentation as Motor Neuron Disease Corona: A Motor Neuron Disease

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**Abstract:-** Breathing difficulty, difficulty in Deglutition, generalized weakness, pain weakness on the side of lying down., gastroparesis, numbness Constipation, increase sleep hyperglycaemia type 2 Diabetes hypothyroidism, Hypotension, Hypoxia, Irritability, Hair fall.

**Keywords:-** Dysphasia, Dysarthria, Myalgia, Airway Obstruction, Gastroparesis, Muscles End Plate weakness, hypotension, Endocrine dysfunctions, Diabetes and Hypothyroidism, Airway Obstruction, Hypoxia, BIPAP, Ventilator, Irritability.

## I. INTRODUCTION

Patients usually present with high fever sore throat and perfuse nasal Secretions Cough generalized weakness O2 Saturation falling rapidly due to rapid respiratory tract blocking leading to respiratory distress/silent deaths due to weak respiratory muscles enabling to cough out Phlegm those survive have prolong coughing period and RTPCR +ive nasal swab Due to highly virulent nature of the virus patients Kept in isolation till the RTPCR become -ive. Patient were advised lying prone head down to avoid secretions blocking Respiratory Airway frequent Airway suction not applicable Patients were put on O2 by Nasal probe continuously till improvement to 94%saturation then intermittently. Spo2 going below 88%BIPAP was used, due to high virulent nature and very bad Prognosis Suction not possible Patient were Kept isolated Till reported RTPCR-ive.

BIPAP applied for Oxygenation. (Chloroquine used for prevention and to the Patient Contacts. Contacts watching through Arogya Satu Kept under observation for 14 days Without symptoms) further pushing secretions in lungs diffusing over the surface of alveoli causing a barrier for O2 Perfusion dropping saturation further a Chest Muscles weakness made the patient helpless for coughing, even making Phlegm to suck in, deteriorating the Conditions, acting as barrier for Oxygen transportation in alveoli causing saturation to fall further with every breath.

Steroids given in early stage reduce the secretion and reduce end plate weakness /swelling increase Perfusion and maintain O2 saturation. Lying head down help the secretion coming out cleaning Airway. Oxygen Inhalation Doxycycline Ivermectin zinc along with Vitamin C Remdesivir antiviral was used for hospitalized patients Tocilizumab an Anti-cancer was used with controversial desirable effect

People were vaccinated with Covaxin BB152 prepared by Bharat bio tech Hyderabad in collaboration with NIV and ICMR prepared by serum Institute of India and AstraZeneca a recombinant Covishield vaccine after emergency approval at 1 3 6 months in India Mass vaccination given along with Isolation and Work from home kept the Pandemic spread and Casualty Well under control, delayed the Pandemic spread and severity.

Patients present with high pulse rate up to 170/Mt were common Blood sugar shooting up to 670mg/dl TSH sudden rise up to 84. Thyroxin200mcg od relieved it in 4-5 days Pain in arm relieve with Steroids and Paracetamol Gabapentin. Numbness and tingling sensation relieved by anticoagulant steroids vit B 12 and D3 High pulse rate relief by steroids and Beta blockers.

## II. CONCLUSION

Corona Covid19 was a pandemic spreading Worldwide Highly virulent Respiratory Distress due to profuse secretions blocking the respiratory Airways, covering the alveolar Surface hampering O2 Transportation with rapid falling Spo2. The weak respiratory muscles enabling to cough out Phlegm Suction Machine couldn't apply due to lethal nature and virulence increase no hypothyroidism, hypoglycaemic cases, neuromuscular weakness. Tinnitus on lying down side gastroparesis, numbness, regurgitation aspirations of meal constipation difficulty in deglutition of food secretions are common neurological problems we are facing during and post Covid19 Complications.

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