

Short note on CORONA

Introduction-resembles to crown under electron microscope so the name corona came.large family of enveloped RNA viruses. Seen mostly in age group of 30 to 79 years.

Sign & symptom-symptoms of common cold, fever, cough, fatigue, sputum, shortness of breath, difficulty in breathing & diarrhea

Warning Signs-Bluish lips or face, difficult to arouse

Incubation period-2 to 14 days

Mode of transmission-person to person through respiratory droplet

Laboratory diagnosis- RT-PCR assay as per WHO guidelines

Decrease in lymphocyte count, hemoglobin, albumin , oxygen saturation

Increase in neutrophil count ESR, CRP

Treatment-Symptomatic treatment only, sever cases require mechanical ventilation

Drugs used so far are-

1. Hydroxychloroquine 400mg orally for 7 to 10 days or Chloroquine phosphate 500mg BID for 10 days along with Azithromycin
2. Oseltamavir 150mg for 5 days
3. Lopinavir/Ritonavir
4. Intravenous Ascorbic Acid (IVAA)- : 100 mg / kg given over 24 hours in a continuous infusion
5. Ivermectin

Prevention- Social distancing of 1 meter,not to shake hand Quarantine, washing hands,avoid touching face,use of triple layer surgical mask,not to spit in public, avoid consumption of raw or undercooked animal products

Chemoprophylaxis-Hydroxychloroquine 200 mg BID for 7 days

Drugs to be avoided-Ibuprofen,Aspirin

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