ADULT COVID TREATMENT PROTOCOL

Protocol version 2020_11_11

BOSTON MEDICAL CENTER
EXCEPTIONAL CARE. WITHOUT EXCEPTION.

All Suspected Persons
In addition to standard of care:
Contact/Droplet Precautions
Comprehensive Respiratory Panel
COVID-19 PCR
CBC, BMP, CRP, Ferritin, LDH, Fibrinogen
Trop I, BNP
Hep B sAg, Hep B cAb, Hep B sAb
Imaging: CXR, EKG
Continuous Pulse OX*

*Especially for patients with hypoxemia and a history of Transplant, HIV, COPD/Asthma, Severe CHF

NOTE: N95 respirator for NP specimen collection

→ **Initial diagnosis of COVID with PCR positive & symptoms ≤ 5 days?**

- **Yes** → **Start Remdesivir** (no approval required) → **SpO2 ≤ 94% on RA or new O_2 requirement?**
- **No** → **No Remdesivir** ID approval (5881) is required for remdesivir outside of these listed criteria → **SpO2 ≤ 94% on RA or new O_2 requirement?**

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- **No** → **Dexamethasone not indicated**
- **Yes** → **Start Dexamethasone 6 mg IV/PO once daily x 10 days**

Start Dexamethasone 6 mg IV/PO once daily x 10 days → **Patient born or lived in resource-poor country?**

- **No** → **Ivermectin not indicated**
- **Yes** → **Is that country in Central Africa?**
  - **No** → **Order ivermectin for empiric treatment of Strongyloides**
  - **Yes** → **Ivermectin not recommended due to risk of morbidity from larval migration with certain filarial nematodes. Discuss with ID (8902).**

There is mixed data for other treatment options such as IL-6 inhibitors (i.e. tocilizumab).

In patients clinically worsening on dexamethasone and remdesivir, with increasing oxygen requirements and/or inflammatory markers (CRP, LDH, Ferritin), contact ID (8902) for consideration of other agents.

COVID-19 Infectious Diseases Pagers & Link:
p8902: ID Consults for COVID and non-COVID patients
p5881: Approval of remdesivir or questions about other treatment options
ID COVID Website: http://www.bumc.bu.edu/id/covid-19-response/

Remdesivir Dosing Considerations
200 mg IV x1, followed by 100 mg IV daily for 5-10 days
Not recommended if CrCl < 30 ml/min or AST/ALT > 5x ULN

Ivermectin Dosing
200 mcg/kg PO x1 on day 1 and day 2