

Antiviral Antibodies-Anti-infectives

Corticosteroids/Immunomodulators

Antiplatelet/Antithrombotic Drugs

McCullough PA Innovative Early Sequenced Multidrug Therapy for SARS-CoV-2 (COVID-19) Infection to Reduce Hospitalization and Death International Journal of Medical Science and Clinical Invention 2020

Untreated Mortality Risk

Fever
Sore Throat
Malaise
Body Aches
Nasal Stuffiness
Loss of taste
Anorexia
Nausea
Diarrhea

Chest Heaviness/Pain
Dyspnea
Desaturation
Systemic Thromboembolism

Hemagglutination
Thrombosis

Cytokine Storm

Viral Replication

SARS-CoV-2 ↑D-dimer
Nasal PCR+ ↑Hs-CRP
Oral PCR/Ag+ ↓Lymphocytes

Day 0 Symptom Onset

7 days

14 days

21 days

30 days

Ambulatory Phase

Hospitalization Phase

Death

COVID-19-like or COVID-19-confirmed illness:

- Self-quarantine at home
- Contact tracing
- Contagion control
- Ventilate fresh air-reduce reinoculation

Room Air

Age < 50 yr.
Healthy

Age \geq 50 yr. or a
Single Comorbidity
BMI $>$ 30 kg/m², Pulmonary Dz, DM, CVD, CKD, Cancer

Age \geq 50 yr. with
 \geq 1 Comorbidities

Nutraceutical bundle: Zinc Sulfate 220 mg, vitamin D₃ 5000 IU, Vitamin C 3000 mg, Quercetin 500 mg mg po bid (5-30 days)

If feasible: Bamlanivimab or Casirivimab/Imdevimab IV Infusion EUA Dosing

Watchful Waiting

Immediately \geq 2 Anti-Infective Agents (5-30 days)

HCQ 200 mg po bid
+ AZM 250 mg po bid or
+DOXY 100 mg po bid

IVM 6-24 mg po qod/qd x 1-5 doses
+ AZM 250 mg po bid or
+DOXY 100 mg po bid

Favipiravir 1800 mg po bid x 1 d
loading dose then 600 mg po bid
+ AZM 250 mg po bid or
+DOXY 100 mg po bid

If Symptoms
Worsen

Respiratory Symptoms Develop or Day 5 of illness

Inhaled budesonide 1 mg/2 mL nebulization/Dexamethasone 6 mg/Prednisone 1 mg/kg qd x 5 days \pm taper \pm Colchicine 0.6 mg po bid

Underlying Serious Medical Condition, ↑VTE Risk,
Suspect micro- or overt thrombosis

Complete Self-
quarantine

Aspirin 325 mg po qd \pm Low-molecular weight heparin or
Apixaban, Rivaroxaban, Dabigatran, Edoxaban in Standard doses (5-30 days)

Pulse Ox
Deliver
Home O₂
If Needed

Escalate Clinically

Consolidate

Re-evaluate
Hospitalize