Algorithm for Management of Patients with suspected COVID-19

Adults

- Evaluate for enrollment in clinical trials

Admission to floor

- Without $O_2$ Requirement or Risk Factors
  - Monitor for worsening of symptoms

- With $O_2$ Requirement and/or Risk Factors
  - If ineligible for clinical trial, consult ASP/ID to discuss alternative treatment options

Admission to ICU

- If ineligible for clinical trial, consult ASP/ID to discuss alternative treatment options
- Monitor for signs of cytokine release

Pediatrics

- Admission to PICU or floor
- All empiric treatment decisions should be discussed and approved by pediatric ID

Hydroxychloroquine (HCQ) QTc Monitoring

Pre-Initiation
1. Obtain baseline ECG
   - $QTc \leq 460$ ms – Start HCQ
   - $QTc 461 - 499$ ms – Correct electrolytes, evaluate risk/benefit, d/c other QTc drugs
   - $QTc \geq 500$ – Call Cardiology Electrophysiology
2. Obtain baseline Mg, K
3. Discontinue any other QTc medications

Post-Initiation
1. Reassess QTc with ECG while on therapy
   - $AQTC \geq 60$ or $QTc \geq 500$
2. Monitor and replace Ca, Mg, K
3. Cardiology Electrophysiology consult

Risk Factors:
- Age >60
- Leukopenia
- Cardiovascular disease
- Diabetes
- Chronic pulmonary disease
- End-stage renal disease
- Immunocompromising conditions* (cancer, HIV, transplant)
- Immunosuppressive medications
- D-dimer >1000
- Healthcare workers
- Pregnancy*

*Consider multidisciplinary team management (ID, pulmonology)

Information about ongoing or potential clinical trials at UMMC can be found at:

Consider enrolling pregnant patients in: PRIORITY (Pregnancy CoRonavirus Outcomes RegisTRY), a nationwide registry for pregnant and postpartum individuals with suspected COVID-19 or confirmed diagnosis https://priority.ucsf.edu/

Consider enrolling pediatric patients in: Pediatric Covid-19 National Survey (PIDTRAN-6_Covid-19), a nationwide registry for pediatric COVID-19 patients in the United States. Link to survey can be provided upon request by contacting apalmer@umc.edu.

For treatment approval, page 601-929-0484. ASP on-call will evaluate patient eligibility and discuss with supervising ID attending. Recommendations will be provided in Epic.