**Service**

Patients with the criteria of admission to the ICU are hospitalized in the intensive care unit.

**CT**

- Fever + cough - Lung graph natural: Non-contrast low-dose CT
- Fever + cough - Lung graph diagnostic/not diagnostic: Non-contrast low dose CT
- Fever + cough + comorbidity or Age > 50 + non-diagnostic lung graph:
  - Non-contrast full dose CT, contrast-enhanced CT if there is an indication for another disease

**CT should be avoided in young women under 20.**

**To prevent cross contamination, the CT device must be properly cleaned after each patient.**

1. Can be interrupted in patients with influenza test negative
2. People who have a history of cardiac arrhythmia or who use drugs that extend the QT distance need to have ECG before starting hydroxychloroquine.
3. In children, chloroquine is used only in severe cases

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**HISTORY**

- **Possible Case**
  - **Physical Examination**
    - Respiratory Distress or Tachypnea or SPO₂ < 93% or Tachycardia
      - YES Hospitalization to the Designated Service*
      - NO
        - Comorbidities or Age > 50
          - YES Whole Blood, CRP + PA Lung graph or CT**
          - NO
            - **Whole Blood CRP, Biochemistry Blood Gas, D-Dimer, PA Lung graph or CT**
              - Severe pneumonia findings
              - Normal or mild pneumonia findings
                - Hospitalization to the Designated Service*
        - **Empirical Treatment:** Oseltamivir¹ + Hydroxychloroquine² ± Antibiotic
          - Test (PCR)
            - Negative Stop Empirical Treatment Consider Alternative Diagnosis
            - Positive Continue COVID Treatment
            - PCR again 24 hours later
              - Negative
                - Test result
                  - Negative Home isolation and Follow-up until Conclusion
                  - Positive Start Hydroxychloroquine³ and follow-up according to home-treatment rules.
              - Positive
                - Test result
                  - Improved Re-evaluated for hospitalization and retest by calling to the hospital.
                  - Isolated home follow-up up to 7 days from the onset of the symptom.

- **Hospitalization to the Designated Service**
  - **Disease Findings**
    - Stop Empirical Treatment Consider Alternative Diagnosis
    - **Test (PCR)**
      - Negative
      - Positive
        - Continue COVID Treatment

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¹ Can be interrupted in patients with influenza test negative
² People who have a history of cardiac arrhythmia or who use drugs that extend the QT distance need to have ECG before starting hydroxychloroquine.
³ In children, chloroquine is used only in severe cases