Algorithm for decision making in response to an event of a suspect case of COVID-19 on board ships

1. **Notification of a suspect case of COVID-19 on board the ship**
   - **Assessment of criteria will take place on board the ship:**
     - While the ship is at port or while the ship is travelling at sea before arrival at the port

2. **Does patient meet:**
   - Clinical criteria?
   - AND
   - Epidemiological criteria? of a suspect case

3. **Suspect case**
   - **Start treatment as per instructions of medical doctor & Transportation of patient to a medical facility ashore**

4. **Start treatment as per instructions of medical doctor & Transportation of patient to a medical facility ashore**
   - **Positive**
     - **COVID-19 confirmed case**
       - **Negative**
         - **Laboratory testing of clinical specimens**
         - **Inform all travellers about the laboratory results**
         - **Discontinue the restrictions to close contacts**
         - **Evaluate if the criteria are met**

5. **Evaluate if the criteria are met**
   - **Yes**
     - **Start treatment as per instructions of medical doctor & Transportation of patient to a medical facility ashore**
   - **No**
     - **Consider other diagnosis. No action to be taken for COVID-19 on board the ship or for the travellers on the ship.**

6. **Consider other diagnosis. No action to be taken for COVID-19 on board the ship or for the travellers on the ship.**
   - **The ship is not considered affected and cannot depart, until the authority is satisfied with the health measures implemented.**
   - **Measure the course contact of a probable or confirmed case to be applied in ashoore facilities**
     - **Active monitoring by public health authorities, for 14 days from last exposure**
     - **Daily monitoring for COVID-19 symptoms, including fever of any grade, cough or difficulty breathing**
     - **Avoid social contact**
     - **Avoid travel**

7. **The ship is not considered affected and cannot depart.**
   - **The ship is not considered affected and is allowed to depart.**

8. **Conduct ship inspection**
   - **Identify the places visited by symptomatic patient**
   - **Decide on health measures to be implemented on the ship**

9. **Implementation/supervision of health measures**
   - **Cleaning and disinfection of contaminated areas and objects**
   - **Waste management and disposal**
   - **Replace air filters using PPE and treat as infectious waste**
   - **Preventive measures for the next voyages including active surveillance**
   - **Other health measures as necessary**

10. **Suspect case:**
    - Patients with acute respiratory infection (sudden onset of at least one of the following: cough, sore throat, shortness of breath) requiring hospitalisation or not,
    - **Does patient meet:**
      - **Clinical criteria?**
      - **AND**
      - **Epidemiological criteria? of a suspect case**

11. **Does patient meet:**
    - **Clinical criteria?**
    - **AND**
    - **Epidemiological criteria? of a suspect case**

12. **Suspect case**
    - **Start treatment as per instructions of medical doctor & Transportation of patient to a medical facility ashore**

13. **Start treatment as per instructions of medical doctor & Transportation of patient to a medical facility ashore**
    - **Positive**
      - **COVID-19 confirmed case**
      - **Evaluate if the criteria are met**
        - **Yes**
          - **Start treatment as per instructions of medical doctor & Transportation of patient to a medical facility ashore**
        - **No**
          - **Consider other diagnosis. No action to be taken for COVID-19 on board the ship or for the travellers on the ship.**

14. **Consider other diagnosis. No action to be taken for COVID-19 on board the ship or for the travellers on the ship.**
    - **The ship is not considered affected and cannot depart, until the authority is satisfied with the health measures implemented.**
    - **Measure the course contact of a probable or confirmed case to be applied in ashoore facilities**
      - **Active monitoring by public health authorities, for 14 days from last exposure**
      - **Daily monitoring for COVID-19 symptoms, including fever of any grade, cough or difficulty breathing**
      - **Avoid social contact**
      - **Avoid travel**

15. **The ship is not considered affected and cannot depart, until the authority is satisfied with the health measures implemented.**
    - **The ship is not considered affected and is allowed to depart.**