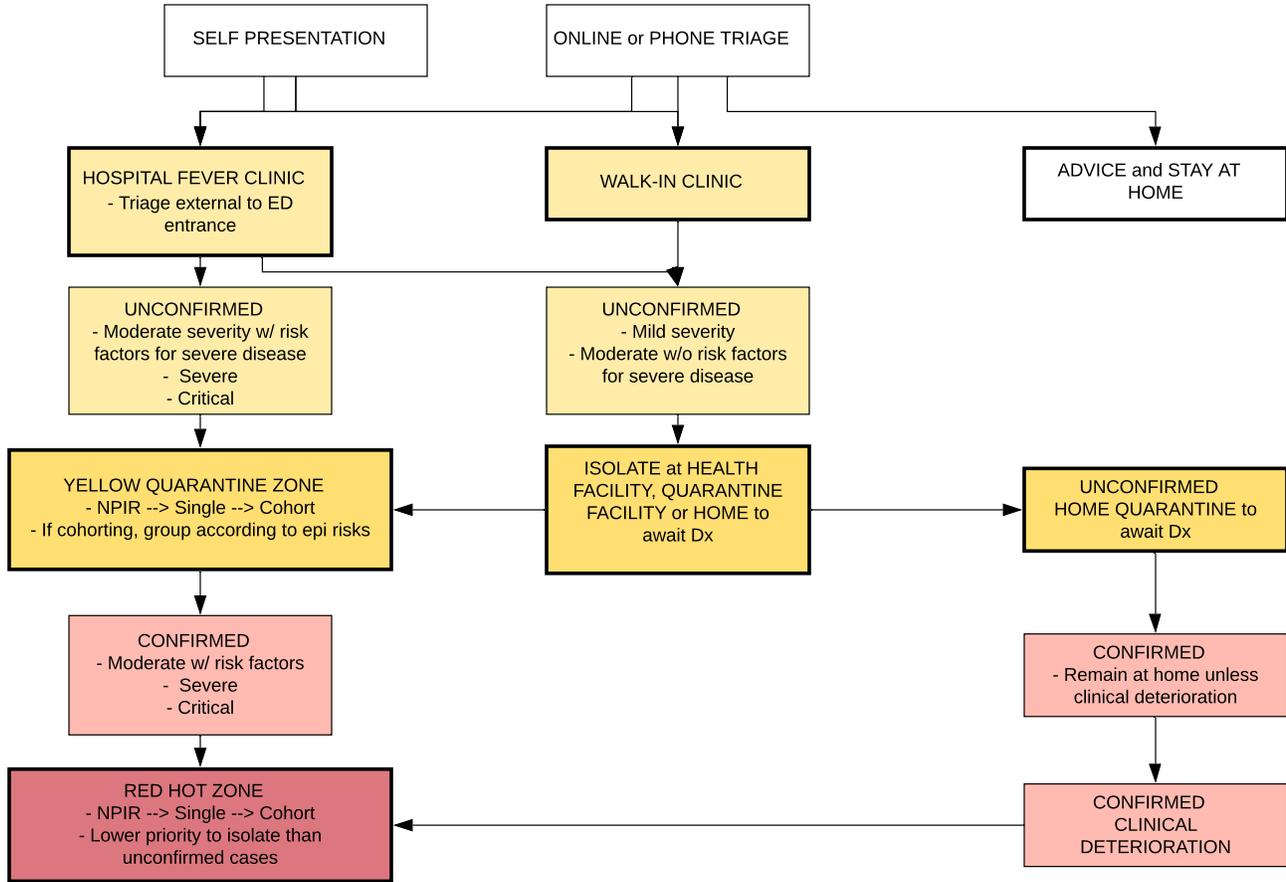


# CHS COVID19 Patient Flow Ideas v1.0

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## ZONING (traffic control bundling)

- External triage to stratify risk based on clinical and epi criteria
- Clear patient and staff walkways to maintain "clean" and "contaminated" zones
- Clean areas --> GREEN
- Unconfirmed but probable or suspected cases --> YELLOW
- Confirmed cases --> RED
- No visitors and restricted staff access to YELLOW and RED areas
- Clearly demarkated donning and doffing transition zones with supervision
- Clear hand hygiene stations

## ISOLATION vs. COHORTING

- Best practice is to use **negative-pressure isolation room**
- If unavailable, then a **single isolation room**
- If both unavailable, then **cohorting** could occur
- If cohorting:
  - > **Priority for isolation is unconfirmed cases**
  - > Group patients according to epi and clinical risk factors (see CDNA)
  - > Ensure patients follow cough/sneeze etiquette including hand hygiene
  - > ≥1m between beds

## RISK CLASSIFICATION of CASES

- Current CDNA case stratification is based on epi criteria:
  - > **CONFIRMED** case (PCR)
  - > **PROBABLE** case: Fever (≥38dC) or hx of fever OR acute respiratory infection AND household contact of confirmed COVID19 case
  - > **SUSPECT** case: meets clinical criteria, split into risk category based on epi hx
    - > **Very high risk:** close contact (see CDNA), international travel, cruise ship
    - > **High risk:** from facility with local COVID-19 outbreak or high risk area (aged care ect.)
    - > **Moderate risk:** Healthcare workers, aged care and residential care workers
    - > **Background risk:** No epi risk factors
- Risk factors for severe disease include:
  - > increasing age, HTN, diabetes, CVD, chronic respiratory disease, immunocompromise
- Could set up two tied YELLOW zone with stratified risk of COVID19 base on clinical picture and epi (PROBABLE vs SUSPECT)

Figure 1. Traffic control bundling example with external fever triage clinic prior to entry and only one YELLOW ZONE

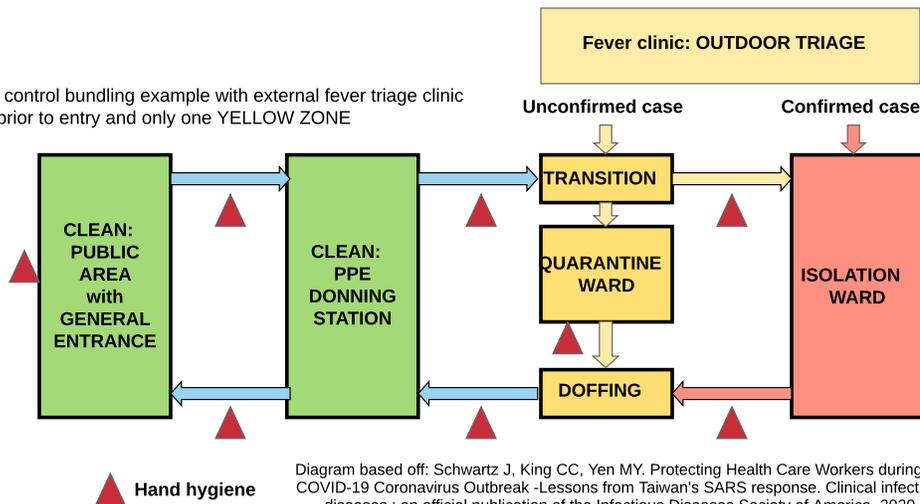


Diagram based off: Schwartz J, King CC, Yen MY. Protecting Health Care Workers during the COVID-19 Coronavirus Outbreak -Lessons from Taiwan's SARS response. Clinical infectious diseases : an official publication of the Infectious Diseases Society of America. 2020.