Quarantine of International Port in Taiwan

Fifth Branch, Centers for Disease Control, Department of Health, Executive Yuan

Director of Fifth Branch
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Outline

- Background
- Quarantine Stations in Taiwan
- the Quarantine of International Ports
  - Passenger Quarantine
  - Ship Sanitation
  - Conveyance Quarantine
  - Port Health
Background

- Public health risks that can spread internationally at airports, ports and ground crossings through persons, baggage, cargo, containers, conveyances, goods and postal parcels.

- The IHR (2005) provide a public health response in the form of obligations and standing or temporary non-binding recommendations in ways that avoid unnecessary interference with international travel and trade.
Quarantine Stations in Taiwan

- CDC 1st Branch
- CDC 2nd Branch
- CDC 3rd Branch
- CDC 4th Branch
- CDC 5th Branch
- CDC 6th Branch

Taipei
Keelung
Taoyuan
Sonshan
Suao
Taichung
Mailiao
Hoping
Hualien
Kaohsiung
Xiaogang
Quarantine Services

- Ship Sanitation
- Port Health
- Passenger Quarantine
- Conveyance Quarantine

Quarantine in international ports
Conveyance Quarantine
Quarantine by review

- Quarantine rules of international port
  - Within 4 to 72 hours prior to arrival, shipmasters of entering the country shall report the matters related ship sanitation requested for review to the quarantine authorities
    - Through ship companies or agents
Scenarios to enforce On-board Quarantine

- An inbound ship did not turn in documents
- Failed to meet the quarantine requirements
- A passenger/crew was suspected of carrying a communicable disease
- Abnormal death of animals
- Suspected patient or death on ship
Conveyance Quarantine

- Ship Quarantine
  - Quarantine by reviewing
  - On-board quarantine
  - Employing ISO 9001 review at international ports
Conveyance Quarantine

- Aircraft Quarantine
- Report to Quarantine Authority about:
  - Detection of deaths due to unknown causes
  - Cases infected with communicable disease
  - Suspected communicable diseases on the journey
Aircraft disinfection
Passenger Quarantine
Passenger Quarantine

- Strategies
  - Fever screening at entry points
  - Self-report of ill travelers
  - Visual examination for travelers
  - Provision of global epidemic information and tips of prevention
Fever Screening at Entry Points
Communicable Disease Survey Form

Please fill out this form. The information provided will be used to protect you and your family's health. Anyone who falsifies answers will be fined NT$3,000-15,000 according to the Article 67 of the Communicable Disease Control Act.

<table>
<thead>
<tr>
<th>Family Name (Last)</th>
<th>Given Name (First)</th>
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<thead>
<tr>
<th>Passport no.</th>
<th>Date of Birth</th>
<th>Sex</th>
<th>Male</th>
<th>Female</th>
<th>Date</th>
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<thead>
<tr>
<th>Flight no.</th>
<th>Date of Arrival</th>
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<table>
<thead>
<tr>
<th>Street Address in Taiwan</th>
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<table>
<thead>
<tr>
<th>City</th>
<th>Phone no. in Taiwan</th>
<th>Cell phone no.</th>
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1. List the countries where you stayed within 10 days before arrival

2. Please mark ☑ if you have any of the following symptoms during the past 14 days
   - Fever (  °C )
   - Vomiting
   - Diarrhea (times/day)
   - Skin rash
   - Jaundice
   - Others

Are you still having the symptoms? Yes ☑ No ☐

3. Have you been diagnosed as contracting any communicable disease before arriving Taiwan? Yes ☑ No ☐

Health Notice

If you have fever, vomiting, diarrhea, skin rash, jaundice or other symptoms in the next 10 days, please seek medical advice, and inform your doctor of your recent travel history.

Centers for Disease Control, Taiwan

CDC Hotline 1922 : Website: www.cdc.gov.tw
2006.12
Responding to reports of ill passengers

- Depending on the severity of the symptoms and travel history
- Onsite-collecting specimens if needed
- Checked by local health authorities if needed
Provision of Global Epidemic Information and Tips of Prevention

- Posters
- Pamphlet
- Health alert card

Health Alert Card
During your stay abroad, please avoid insect bites and bird contact and also observe good personal hygiene. Upon arrival, if you develop symptoms such as fever, respiratory illness, vomiting, diarrhea, muscle and bone aches, rash, swollen lymph nodes etc., please consult quarantine officer at the airport. If symptoms develop after you return home, please take precaution and seek medical assistance and inform the doctor of your recent travel and contact history. For more information, please dial Taiwan CDC hotline 1922 or contact the local health authorities.

Centers for Disease Control
http://www.cdc.gov.tw
Ship Sanitation
Areas Inspected of Ship Sanitation

- Galley
- Pantry
- Stores
- Hold(s)/cargo
- Quarters
- Potable water
- Sewage
- Ballast tanks

- Solid and medical waste
- Engine room
- Medical facilities
- Food
- Water
- Waste
- Standing water
- Swimming pools/spas
Ship Sanitation

- **Ship Sanitation Control Exemption Certificates (SSCEC)**
  - No evidence of a public health risk is found on board.

- **Ship Sanitation Control Certificate (SSCC)**
  - Evidence of a public health risk is found on board.
  - The competent authority supervises the completion of the necessary control measures.
Failures of Ship Sanitation

- **Vectors and rodents in ship**
  - cockroaches, flies, rodents

- **Poor shipboard sanitation**
  - garbage, oil, dirt, food storage areas unclear, puddles of board, residue and dust

- **Threats to food safety**
  - food storage found residue, temperature control, kitchenware, cook’s personal hygiene

- **Inadequate measures for preventing insects and rodents**
  - no rat guard, poor door and window controls
Galley

Pass
Make sure lid of trash can is put on

Failure
Issued the Ship Sanitation Control Exemption Certificate (SSCEC)

Excellent!
Port Health
Port Health

- Organizing the international port sanitary group
- Surveillance of vectors
- Meet once every 3 to 6 months.
- Plan, coordinate, and implement matters concerning port sanitation.

**Organizing the international port sanitary group**

- CIQS
- Local Health Authority
- Conveyance Operators
- Port Authority
- Other Authorities
- Port Sanitary Group
Rat-guard Inspection
Surveillance and control of rats

- Monitoring the ectoparasites and virus on rats

- Placing poisoned bait around the living area of rats

- Rat guard inspection
Set mouse cages, anesthetize, draw blood, Examine ectoparasites
Surveillance and control of mosquitoes

- Empty containers that are prone to retain water
- Setting ovitraps
- Surveying mosquito density
Thank you for your attention!