Quarantine Station Operations at US Ports of Entry

Arnold Vang, DrPH, MSPA, MPH, PA
Officer-in-Charge
CDC Minneapolis Quarantine Station
Overview

- Mission and roles of CDC Quarantine Stations
- Response to ill travelers
- Other quarantine station activities
Quarantine and Border Health Services Branch Mission

Protecting the public's health at US borders and beyond

Our mission is accomplished by:

- Preparing for response to communicable diseases
- Enhancing federal, state/territorial, international, and industry partnerships
- Enforcing public health regulations
- Responding to travel-related communicable diseases
- Supporting public health at international borders
Roles and Responsibilities

- Execute CDC’s regulatory authorities at US ports of entry
- Work alongside various key partners that make up the US Quarantine System
Roles and Responsibilities (cont.)

- Illness detection and response
  - Detect ill travelers through regulatory authority and partnership
  - Respond to reports of illness and death

- Quarantine and isolation
  - Detain, medically examine, or conditionally release persons
  - Known or suspected quarantinable communicable diseases
US Federally Quarantinable Communicable Diseases

*Defined by Presidential Executive Order*

- Cholera
- Diphtheria
- Infectious tuberculosis
- Plague
- Smallpox
- Yellow Fever
- Viral hemorrhagic fevers
- Severe acute respiratory syndromes
- Novel or reemerging influenza causing or with potential to cause a pandemic
<table>
<thead>
<tr>
<th>Other Communicable Diseases of Public Health Concern*</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Malaria</td>
</tr>
<tr>
<td>- Typhoid</td>
</tr>
<tr>
<td>- Varicella</td>
</tr>
<tr>
<td>- Rabies</td>
</tr>
<tr>
<td>- Measles</td>
</tr>
<tr>
<td>- Meningococcal disease</td>
</tr>
<tr>
<td>- Legionellosis</td>
</tr>
<tr>
<td>- Polio</td>
</tr>
<tr>
<td>- Dengue</td>
</tr>
<tr>
<td>- Zika</td>
</tr>
<tr>
<td>- Zoonotic poxvirus</td>
</tr>
<tr>
<td>- Pertussis</td>
</tr>
<tr>
<td>- Mumps</td>
</tr>
<tr>
<td>- Rubella</td>
</tr>
<tr>
<td>- Infectious diarrhea</td>
</tr>
</tbody>
</table>

*Based on their ability to spread and cause significant illness or death
Required Reporting of Illness or Death

Title 42 Code of Federal Regulations Parts 70 and 71:
Prior to arriving at a US port, the captain of a plane, ship, or other conveyance is required by federal law to report any death onboard and certain illnesses...
Ill Person Definition for Aircraft*
42 CFR parts 70 and 71

Fever (> 100.4°F) AND one or more of these conditions:

- Skin rash
- Persistent diarrhea
- Persistent cough
- Persistent vomiting
- Difficulty breathing
- Headache with stiff neck

OR

Fever that has persisted for more than 48 hours

- Decreased consciousness or confusion of recent onset
- New unexplained bruising or bleeding
- Appears obviously unwell

*Applies to ALL travelers: crew, passengers, US citizens, and non-US citizens
Other Notification Mechanisms
Aircraft Contact Investigations

- Most frequently for tuberculosis and measles
- Identify people most at risk based on proximity to “index case”
  - Notify
  - Assess for infection or immunity
  - Offer preventive treatment
  - Monitor for illness
- Coordinated with airline, CBP, state and local health departments

Contact seating chart for tuberculosis and measles
For measles, also flight crew in same cabin and all “babies in arms”
Federal Public Health Travel Restrictions

**Do Not Board (DNB)**
- Prevents people who meet specific criteria from obtaining a boarding pass for any flight arriving in, departing from, or flying within the United States
- Does not prevent passengers from boarding ships, trains, or buses
- Implemented by Transportation Security Administration (TSA)

**Public Health Lookout (PHLO)**
- Alerts US Customs and Border Protection (CBP) officers of a person on federal public health travel restrictions who attempts to enter the United States
- Prompts notification to CDC quarantine station staff to allow for a public health risk assessment
- Implemented by CBP
CDC Quarantine Station Activities

- Inspect CDC-regulated animals, animal products, and other items
- Provide international travelers with health information
CDC Quarantine Station Activities

- Monitor the health of and collect medical information about new immigrants, refugees, asylees, and parolees
- Support HHS and state response to mass migration emergencies
- Plan and prepare for emergency response
- Build strategic partnerships for disease surveillance and control
- Distribute life-saving drugs
Response in Emergency Repatriation

- Coordinate communication between partners
- Provide onsite support at initial port of entry
- Conduct public health assessments for symptoms and exposure, when needed
CDC Quarantine Station Staff Are Always Available

- Responsible for all US ports of entry
- Always available by phone 24 hours/day 7 days/week
- On-site at 18 ports of entry
- CDC Minneapolis Quarantine Station: (612) 725-3005

Visit www.cdc.gov/quarantine for contact info
Thank You

Questions?

For more information, contact CDC
1-800-CDC-INFO (232-4636)

The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.