Contact Tracing Webinar

Presented by:
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Learning Objectives

- Explain the basics of COVID-19 virus
- Describe contact tracing process
- Define COVID-19 cases and contacts
- Differentiate between quarantine and isolation
- Perform Risk Assessment
- Apply contact tracing tools

Image from https://www.webmd.com/lung/coronavirus
Corona Virus Explained

https://youtu.be/BtN-goy9VOY
What Is Contact Tracing?

- Contact tracing is the process of quickly identifying, assessing, and managing people who have been exposed to a disease to prevent additional transmission.
How Contact Tracing works

How Contact Tracing Works

1. Infected person shows symptoms, tests positive.
2. Infected person asked about contacts.
3. Contacts are alerted of their exposure and risk for infection.
4. Contacts self-quarantine, contact their healthcare provider and monitor for symptoms.

Define Terminology

**CASE**
- Someone who has COVID-19
  - Usually has a positive Lab test

**CONTACT**
- Someone who has had contact with a case while they were infectious
  - During their Illness
  - 2 days before their illness.
Define Terminology Cont’

**VIRUS UNDER LENS**

**SYMPTOMATIC TRANSMISSION**
Transmission of disease from patient who has symptoms to close contacts

**PRESYMPTOMATIC TRANSMISSION**
1-3 days before showing symptoms, infection spreads via droplets or surfaces

**ASYMPTOMATIC TRANSMISSION**
Infected person does not develop symptoms. There has been no documented asymptomatic transmission

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**ISOLATION**
What is the difference?

**Quarantine**

**Isolation**
Used for: People with confirmed or suspected COVID-19
Why: To keep the person from infecting others
Where: Could be at home, a health care facility, or an isolation location

**Quarantine**
Used for: People who were potentially exposed to COVID-19 and who are not sick
Why:
- The person could have the virus in their body even without symptoms
- To quickly identify early symptoms
Where: Could be at home or a quarantine location

For more information: [www.cdc.gov/quarantine](http://www.cdc.gov/quarantine)

https://timesofindia.indiatimes.com/
Progression of COVID-19

- **Note:** As long as someone is symptomatic, they are infectious.

[Diagram showing the progression of COVID-19 including exposure to virus, incubation period, infectious period, illness, no more symptoms, and released from isolation.]

[Link: https://theconversation.com/how-long-are-you-infectious-when-you-have-coronavirus-135295]
Contact tracing process

- Employee Tracing
- Patient Tracing
- Students Tracing**
Setting Up The Process

1. Identify a team
2. Set up infrastructure
3. Train all parties involved
4. Assess
5. Implement

Get Better.
Setting Up The Infrastructure

• Outline communication to students
• Work on FAQ’s
• Establish
  – Protocols and workflow
  – A COVID communication Line (Phone and Email)
  – Tracers
WORKFLOWS
**Scenario 1**

1. Student emailed consent/disclosure agreement
2. COVID Hotline rep completes survey to collect information on potential contacts
3. Students is provided information on next steps (self-isolate, symptom monitoring and when to return back to class/clinicals)

<table>
<thead>
<tr>
<th>Risk Assessment</th>
<th>Close contact (Less than 6 ft.)</th>
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</table>

**Risk Assessment Guidelines**

- Close contact (Less than 6 ft.)
- Prolonged Contact (greater than 15 min)
- Contact wearing mask
- Source control Person positive for COVID-19 wearing mask
Scenario 2

**Student experiencing COVID-19 related symptoms**

Student calls the COVID line

1. Student emailed consent/disclosure agreement
2. The COVID Hotline rep completes survey to collect information on potential contacts
3. Students is provided information on next steps (testing, self-quarantine, symptom monitoring and when to return back to class/clinicals)

List of contacts sent to the tracers**

Tracers complete risk assessment survey and provides recommendations and next steps

**Risk-Assessment Guidelines**

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Self-quarantine and symptom monitoring for 14 day. If symptoms develop they should go get tested and notify the COVID line if they test positive

Low Risk

No restrictions (can go back to class/clinicals)
Scenario 3

Student exposed to COVID at clinical site*#

Student calls the COVID line

Student's name and phone number is obtained

Student's name and phone number is sent to the tracers for risk assessment

Tracers complete risk assessment survey and provides recommendations and next steps

Risk Assessment Guidelines

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<td>High</td>
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<td>✓</td>
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High Risk

Self-quarantine and symptom monitoring for 14 days. If symptoms develop they should go get tested and notify the COVID line if they test positive

Medium Risk

Low Risk

No restrictions (can go back to class/clinicals)
Scenario 4

Student exposed to COVID by a close family member*

Student calls the COVID line

Student's name and phone number is obtained

Student's name and phone number is sent to the tracers for risk assessment

Tracers complete risk assessment survey and provides recommendations and next steps

<table>
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<tbody>
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<td>Risk Assessment</td>
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High Risk
- Self-quarantine and symptom monitoring for 14 days. If symptoms develop they should go get tested and notify the COVID line if they test positive

Medium Risk
- No restrictions (can go back to class/clinicals)
• To prevent further spread of SARS-CoV-2 we have developed a survey via REDCap that provides a standardized approach to contact

• WHAT IS REDCap
  – Research Electronic Data Capture (REDCap) is a web-based application developed by Vanderbilt University to capture data for clinical research and create databases and projects. It is the Health Insurance Portability and Accountability Act (HIPAA)–compliant, highly secure, and intuitive to use
Consent/Disclosure Agreement
Contact List Collection Form
Contact Tracing and Risk Assessment
<table>
<thead>
<tr>
<th>Date</th>
<th>Temperature Measurement Morning</th>
<th>Temperature Measurement Evening</th>
<th>Student Name:</th>
<th>Student ID Number:</th>
<th>Comments (any further information you want to provide)</th>
<th>List of Potential COVID-19 Symptoms</th>
</tr>
</thead>
<tbody>
<tr>
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<td></td>
<td>Any other potential COVID-19 related symptoms (indicate &quot;none&quot; if having no symptoms). If having any of the potential COVID-19 symptoms listed to the right, please list them here.</td>
<td>Fever or chills</td>
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<td>Cough</td>
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<td>Shortness of breath or difficulty breathing</td>
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<td>New onset fatigue</td>
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<td>Muscle or body aches</td>
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<td>Headache</td>
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<td>New loss of taste or smell</td>
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<td>Congestion or runny nose</td>
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<td>Nausea or vomiting</td>
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<td>Diarrhea</td>
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Returning to Class or Clinicals Guidelines After I Have Had A Positive COVID-19 Test - Students

Student protocols have been adapted from the Center for Disease Control guidelines in consultation with BMHCC Infectious Disease experts. They are not intended to provide medical advice or guidance. Please contact your healthcare provider for more specific guidance and direction.

When can I return to face to face class or clinics after I have had a positive COVID-19 test?

(7.8.20, 7.18.20)

1. Self-isolation is required for 14 days from the date of your COVID-19 positive test OR from onset of symptoms.
   a. If you had symptoms when tested or developed them after you were tested, self-isolation is required for 14 days from the onset of symptoms.
      i. You must be totally asymptomatic for at least 3 days (72 hours) before returning to face to face class or clinical. Recovery is defined as resolution of fever without the use of fever-reducing medications with progressive improvement or resolution of other symptoms.

2. If you tested positive, but have had NO symptoms,* you may resume face to face classes or clinics in 10 days from the date of your test.
   a. Symptoms are any one or a combination of the following:
      i. Fever or chills
      ii. Cough
      iii. Shortness of breath or difficulty breathing
      iv. Fatigue
      v. Muscle or body aches
      vi. Headache
      vii. New loss of taste or smell
      viii. Sore throat
      ix. Congestion or runny nose
      x. Nausea or vomiting
      xi. Diarrhea

3. Record your fever and symptoms daily using the Symptom Tracker Spreadsheet sent to you by the Campus COVID-19 Response Team.

Returning to Class or Clinicals Guidelines If I Have Been Exposed to Someone Who Tested Positive for COVID-19 - Students

Student protocols have been adapted from the Center for Disease Control guidelines in consultation with BMHCC Infectious Disease experts. They are not intended to provide medical advice or guidance. Please contact your healthcare provider for more specific guidance and direction.

When can I return to face to face class or clinics if I have had contact with someone who tested positive for COVID-19?

(7.8.20, 7.14.20)

Risk Assessment Matrix based on CDC guidelines

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1. Risk assessment will be done to determine when you can return
2. Low-risk may return to clinical or classroom.
3. Medium and high risk follow the following protocols:
   a. Self-isolation is required for 14 days from the date of your COVID-19 positive test OR from onset of symptoms.
      i. If you had symptoms when tested or developed them after you were tested, self-isolation is required for 14 days from the onset of symptoms.
      ii. You must be totally asymptomatic for at least 3 days (72 hours) before returning to face to face class or clinical. Recovery is defined as resolution of fever without the use of fever-reducing medications with progressive improvement or resolution of other symptoms.
   b. If you tested positive, but have had NO symptoms,* you may resume face to face classes or clinics in 10 days.

https://theconversation.com/how-long-are-you-infectious-when-you-have-covid-19-135295

Get Better.
Resources

- John Hopkins COVID-19 Dashboard
- John Hopkins Contact Tracing Course
THANK YOU FOR YOUR PARTICIPATION