2019 Novel Coronavirus (COVID-19)

South Dakota Department of Health

April 2, 2020

We will begin in just a few moments. Thanks!
This is an **emerging, rapidly evolving situation**. Information in this presentation is current as of April 2, 2020. Please check the South Dakota Department of Health website for the most current information and guidance.

**COVID.sd.gov**
Agenda

• Situation Update
• Laboratory Guidance
• Infection Prevention
• Community Mitigation
• Supply Chain Management
• On-going Communications
• Q&A Session

Note: Slides and a recording of the presentations will be posted to the website following the webinar.
Coronavirus Situation  (as of April 1, 2020)

- **International**
  - 823,626 confirmed cases
  - 40,598 deaths

- **United States** (50 states + DC)
  - 186,101 confirmed cases in U.S.
  - 3,603 deaths
  - Community transmission identified in all neighboring states

- **South Dakota**
  - 129 confirmed cases in South Dakota – 15 counties with community spread
  - 2 death
  - 51 recovered
Epidemiologic “Epi” Curve of COVID-19 Cases, by Onset Date

As of April 2, 2020
Individuals Prioritized for Testing at the SD Public Health Laboratory

Hospitalized patients

Healthcare providers

Living, or working in, institutional settings (e.g., long-term care facilities, assisted living centers, etc.)
Laboratory Guidance
Priority Populations for SDPHL Testing:

- Hospitalized individuals
- Healthcare workers, first responders, and active military
- Individuals living in communal settings

Specimen Collection Supplies:

- Flocked Swabs (limited availability at the SDPHL)
- Foam Swabs (not currently available at the SDPHL)
- Viral Transport Media (limited availability at the SDPHL)
- Homemade VTM, PBS, and Sterile Saline: STUDIES PENDING
- Sterile sputum cups (limited availability at the SDPHL)
- Category B shipping supplies (limited availability at the SDPHL)
Laboratory Testing Updates (4/2)

**CDC Interim Guidance: Updated Specimen Collection Guidance**

- **PREFERRED:** Nasopharyngeal Swab in Viral Transport Medium
- **ACCEPTABLE:** Oropharyngeal Swab in Viral Transport Medium
- **ACCEPTABLE:** Midturbinate Swab in Viral Transport Medium
- **ACCEPTABLE:** Nasal Swab in Viral Transport Medium
- If commercially prepared VTM is not available, CDC provides a method for laboratories to make their own VTM
- SDPHL is currently verifying the CDC homemade VTM recipe as well as sterile PBS and sterile saline for specimen transport
Recommended testing:
1. Facilities should screen PUIs for season agents like influenza and RSV
2. SARS-CoV-2 testing
   • Low and Medium Priority: clinical and/or commercial laboratories
   • High Priority: South Dakota Public Health Laboratory

Testing offered by SDPHL
1. SARS-CoV-2 (CDC RT-PCR)
2. Respiratory Pathogen Panel offered as reflex
   • Only for severely ill hospitalized patients that are SARS-CoV-2 negative
**Laboratory Testing Updates (4/2)**

**Recommendations:**

- Facility and patient information is required
- Symptoms must be indicated or the patient will be considered asymptomatic and testing will not be performed
- Please attach relevant test results (e.g., influenza, RSV rapid test results)

**Form Updates**

- Form will be updated in the coming week to include oropharyngeal, midturbinate, and nasal specimens

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<table>
<thead>
<tr>
<th>Facility</th>
<th>Phone #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Physician</td>
</tr>
<tr>
<td>City</td>
<td></td>
</tr>
</tbody>
</table>

**Patient Information:**

- Patient ID
- Patient name: (Last) ______ (First) ______ M/L ______
- Date of Birth: / / , Sex: ______ Race: ______
- City: ______ State: ______ Zip Code: ______ Medicaid/Medicare #: ______

<table>
<thead>
<tr>
<th>Specimens Collection Date: / / /</th>
<th>Specimen Source:</th>
<th></th>
</tr>
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<tbody>
<tr>
<td></td>
<td>Oropharyngeal (NP)</td>
<td>Ototympanum</td>
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**Patient Information:**

- Date of Onset: / / / 
- Is the Patient Symptomatic? [ ] Yes  [ ] No
- Please indicate patient symptoms:
  - Fever, Night sweats
  - Cough
  - Shortness of Breath
  - Sore Throat
  - Pneumonia
  - ARDS
- Is the patient a healthcare worker, first responder, or active military or National Guard? [ ] Yes  [ ] No
- Is the patient hospitalized? [ ] Yes  [ ] No
- Does the patient live in an institutional setting (e.g., long-term care, assisted living, correctional) [ ] Yes  [ ] No
- Please indicate if the patient has one or more of the following preexisting conditions:
  - Heart Disease
  - Lung Disease
  - Immunocompromised
  - Diabetes
  - Pregnancy
  - Other

**Asymptomatic Individuals Will NOT Be Tested**
Infection Prevention
Personal Protective Equipment:

- Respirator or Facemask
- Eye Protection
- Gloves,
- Gown

What's New

You can also keep up with CDC updates on Coronavirus Disease 2019 by signing up for email updates, syndicating available content, and subscribing to Coronavirus Disease 2019 RSS Feed.

- Healthcare Infection Prevention and Control FAQs for COVID-19
  Wednesday, April 1, 2020
- If you have returned from Hubei Province within the last 14 days, Check and Report Everyday
  Wednesday, April 1, 2020
- Communication Resources for Travelers
  Wednesday, April 1, 2020
- Resources to support people experiencing homelessness
  Wednesday, April 1, 2020
- Disinfecting Your Facility if Someone is Sick
  Wednesday, April 1, 2020

Strategies to Optimize the Supply of PPE and Equipment

Additional Infection Control Discussions

Weekly
- Lab/Infection Control Call
- Long Term Care Call
- EMS Provider Call
Community Mitigation
15 Counties with Community Spread

Level of Community Transmission or Impact of COVID-19 by County, South Dakota

As of April 1, 2020
Supply Chain Management
All requests for PPE from DOH must be:

• Emailed to COVIDResourceRequests@state.sd.us,

• Faxed to 605.773.5942, or

• Called in to 605.773.3048 to ensure prioritization and coordination of requests.

• Do not duplicate your request by using all three means of communication.

• Any requests received through any other email or number will all be directed to email COVIDResourceRequests@state.sd.us OR call 605.773.3048 and requesting entities must provide information regarding their current facility status.
On-going Communication
Helpful sources of information:

covid.sd.gov

coronavirus.gov

SD COVID-19 Help Line: 800-997-2880
Communications

- SD-HAN: sdhan.sd.gov
- Epi Listserv
- Lab Listserv
- HAI Listserv
- OLC Listserv

Visit covid.sd.gov to subscribe
Social Media Messages

• From CDC:
  – Symptoms of COVID-19: https://www.youtube.com/watch?v=oGruT7Fd54E
  – Hand washing tips: https://www.youtube.com/watch?v=d914EnpU4Fo
  – What older adults need to know: https://www.youtube.com/watch?v=TjcoN9Aek24
  – Stop the spread of COVID-19: https://youtu.be/7-lW0s2yJA0 (English) https://youtu.be/JDK2iKtZ_tg (Spanish)
Questions?

Follow-up after the webinar
COVID Helpline:  800-997-2880
Epidemiology:   605-773-3737
Laboratory:     605-773-3368

COVID.sd.gov
COVIDSD@state.sd.us