2019 Novel Coronavirus (COVID-19)

South Dakota Department of Health

June 18, 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 June 17, 2020. Please check the South Dakota Department of Health website for the most current information and guidance.

[COVID.sd.gov](https://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 doh.sd.gov/news/COVID19/Calls.aspx following the webinar.
Situation Update
Coronavirus Situation  (as of June 17, 2020)

- **International**
  - 8,061,550 confirmed cases
  - 440,290 deaths

- **United States** (50 states + DC)
  - 2,132,321 confirmed cases in U.S.
  - 116,862 deaths

- **South Dakota**
  - 6,050 confirmed cases in South Dakota
  - 78 deaths
  - 5,134 recovered
Epidemiologic “Epi” Curve of COVID-19 Cases, by Onset Date

Positive Cases in South Dakota by Date

- Positive Test Date
- 5-Day Moving Average

Positive Cases

Mar 2020  Apr 2020  May 2020  Jun 2020
General Testing Recommendations

Medical providers are recommended to test individuals with signs and symptoms compatible with COVID-19 infection, including:

- Fever or chills
- Cough
- Shortness of breath or difficulty breathing
- Fatigue
- Muscle or body aches
- Headache
- New loss of taste or smell
- Sore throat
- Congestion or runny nose
- Nausea or vomiting
- Diarrhea

- SD-DOH is evaluating, and will provide additional guidance, on testing of asymptomatic close contacts

COVID-19 Reinfection

• Per CDC: There are no data concerning the possibility of re-infection with SARS-CoV-2 after recovery from COVID-19. Viral RNA shedding declines with resolution of symptoms and may continue for days to weeks. However, the detection of RNA during convalescence does not necessarily indicate the presence of viable infectious virus. Clinical recovery has been correlated with the detection of IgM and IgG antibodies which signal the development of immunity.

• SD-DOH will not initiate new investigations for previous cases (persons who completed their isolation period and were released) who were asymptomatic at the time of re-test.

• SD-DOH will evaluate, with the medical provider ordering the test, a previous case who developed new onset or worsening of symptoms that prompted re-testing.

Selected CDC Guidance Updates


• Guidance for Handlers of Service and Therapy Animals:  https://www.cdc.gov/coronavirus/2019-ncov/animals/service-therapy-animals.html

Laboratory Guidance
Priority Populations for SARS-CoV-2 Testing

- Hospitalized individuals
- Healthcare workers, first responders, and active military
- Critical infrastructure workers in food manufacturing and agriculture
- Individuals in communal living settings like long-term care facilities
- Underinsured or uninsured individuals
- Low-income individuals or individuals unable to pay for testing
- Homeless individuals

It is a statewide priority that ALL individuals with symptoms of COVID-19 be tested for SARS-CoV-2 with the recommendation from a health care provider.
SDPHL Days of Operation and Courier Schedule

- SDPHL will provide SARS-CoV-2 testing and courier service six days a week, Monday through Saturday.

- All packages collected by the SDPHL courier each Saturday will be delivered to the SDPHL the following Monday.

- SDPHL courier service will continue to provide next-day delivery of specimens to the SDPHL all other days.
Antibody Testing for SARS-CoV-2

• Target date for implementation of SARS-CoV-2 antibody testing at the SDPHL is July 6

• In accordance with federal recommendations, SDPHL will provide a dual-antibody testing algorithm for SARS-CoV-2

• Additional information regarding antibody testing will be provided the week of June 29
Coordination of Mass Testing Events

- Use of testing services at the SDPHL must be coordinated and approved prior to each mass testing event.
- SDPHL must be notified 7-10 days prior to mass testing events if specimens will be sent to SDPHL for testing.
- Turn-around time for specimens collected for mass testing events is currently 24-48 hours but could be longer based on test volume.
- SDPHL will continue to provide reports via secure fax for those clients with a secure fax agreement in place.
Remdesivir

- Remdesivir is an experimental antiviral drug
- SDDOH has a very limited supply of remdesivir for use in SD
- To receive remdesivir from the State of South Dakota, health care facilities must meet all criteria described in the following:
  - U.S. FDA EUA Letter of Authorization
  - Fact Sheet for Healthcare Providers
  - State of South Dakota Allocation Criteria
Guidelines for Remdesivir Use

• Treat laboratory-confirmed cases of COVID-19 in adults and children

• Administered by a licensed clinician skilled in the diagnosis and management of individuals with life threatening illness

• Facilities must have capability to provide complex laboratory testing prior to and during administration to monitor for adverse side effects

• Facilities must have a written plan for the use of remdesivir
Remdesivir Questions

Please consult the following documents for information about remdesivir:

- Fact Sheet for Patients and Parent/Caregiver
- Fact Sheet for Healthcare Providers

All remdesivir documents mentioned in this presentation can be found on the DOH COVID website:

Long-Term Care Sentinel Surveillance

- Sentinel surveillance is beginning in nursing homes and select assisted living facilities across South Dakota.

- Specimen collection kits and packaging and shipping materials for sentinel surveillance at nursing homes will be shipped June 18.

- Materials will also be shipped to assisted living centers that voluntarily participate in sentinel surveillance on June 22.
Long-Term Care Sentinel Surveillance

- Sentinel surveillance requires three specimens to be collected each week from 2 asymptomatic staff members and 1 asymptomatic resident at each facility.

  Facilities should use standard procedures for symptomatic staff members and residents.

- Specimens should be packaged and shipped to the South Dakota Public Health Laboratory for testing.
Sentinel Surveillance: Specimen Collection

Sterile Saline
Flocked Swabs
Foam Swabs
Sentinel Surveillance: Packaging and Shipping

Category B Shipper

Tyvek and Biohazard Bags

Ice Pack
Sentinel Surveillance: Courier Information

Ordering an On-demand Service:
- Place your pick up on the MedSpeed Portal: Avera.medspeed.com
- Contact MedSpeed On-Demand at 877-434-9366 Option 1
  - Have the following information accessible: pick-up location, address, contact person and phone number
- Select the Service Type
  - See the list below for the On-demand service standards

<table>
<thead>
<tr>
<th>Scheduled</th>
<th>MedSpeed dispatchers will work with you to determine if an On-demand pickup can be done on a scheduled basis, based on existing route schedule.</th>
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<tbody>
<tr>
<td>Will Call</td>
<td>Delivered on day of notification, based on existing route schedule.</td>
</tr>
<tr>
<td>Same Day</td>
<td>Same-day delivery within standard business hours.</td>
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Infection Control
COVID-19 Personal Protective Equipment (PPE) for Healthcare Personnel

Preferred PPE – Use

- N95 or Higher Respirator
- Face shield or goggles
- Isolation gown
- One pair of clean, non-sterile gloves

Acceptable Alternative PPE – Use

- Facemask
- Face shield or goggles
- Isolation gown
- One pair of clean, non-sterile gloves

When respirators are not available, use the best available alternative, like a facemask.

Facemask
- N95 or higher respirators are preferred but facemasks are an acceptable alternative.

cdc.gov/COVID19

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<th>Exposure</th>
<th>Personal Protective Equipment Used</th>
<th>Work Restrictions</th>
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| HCP who had prolonged close contact with a patient, visitor, or HCP with confirmed COVID-19³ | • HCP not wearing a respirator or facemask⁴  
• HCP not wearing eye protection if the person with COVID-19 was not wearing a cloth face covering or facemask  
• HCP not wearing all recommended PPE (i.e., gown, gloves, eye protection, respirator) while performing an aerosol-generating procedure¹ | • Exclude from work for 14 days after last exposure²  
• Advise HCP to monitor themselves for fever or symptoms consistent with COVID-19⁶  
• Any HCP who develop fever or symptoms consistent with COVID-19⁶ should immediately contact their established point of contact (e.g., occupational health program) to arrange for medical evaluation and testing. |

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¹ South Dakota Department of Health
³ Update 5/23 & 5/29
Additional Infection Control Discussions

• EMS Provider Calls
• LTC Call
• LAB/IP Call
Community Mitigation
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 Information Sources

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
Questions?

COVID Helpline: 800-997-2880
Epidemiology: 605-773-3737
Laboratory: 605-773-3368

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