2019 Novel Coronavirus (COVID-19)

South Dakota Department of Health

June 25, 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 24, 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 doh.sd.gov/news/COVID19/Calls.aspx following the webinar.
Situation Update
Coronavirus Situation (as of June 24, 2020)

- **International**
  - 9,129,146 confirmed cases
  - 473,797 deaths

- **United States** (50 states + DC)
  - 2,336,615 confirmed cases in U.S.
  - 121,117 deaths

- **South Dakota**
  - 6,419 confirmed cases in South Dakota
  - 84 deaths
  - 5,554 recovered
Epidemiologic “Epi” Curve of COVID-19 Cases, by Onset Date
COVID-19 Cases, by County

As of June 18, 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

Testing of Close Contacts to Cases

• Symptomatic close contacts to a COVID-19 case: Seek medical evaluation and, if appropriate, testing

• Asymptomatic close contacts to a COVID-19 case: Seek medical evaluation and, if appropriate, test Priority 1 close contacts (SD-DOH can help support testing of Priority 1)

• Asymptomatic close contacts to a COVID-19 case: Seek medical evaluation and, if laboratory capacity is available, test Priority 2, 3, and 4 close contacts

Priority Testing for Asymptomatic Close Contacts

• Priority 1
  • Hospitalized patients
  • Healthcare personnel
  • First responders (e.g., EMS, law enforcement, firefighters)
  • Individuals living or working in acute care, skilled nursing, mental health, and long-term care facilities
  • Individuals living or working in community congregate settings (e.g., correctional facilities, homeless shelters, educational institutions, mass gatherings, and workplaces)
  • Members of a large household living in close quarters
  • Individuals who live in or provide care in a household with a higher risk individual

• Priority 2
  • Critical infrastructure workers
  • Individuals 65 years of age and older
  • Individuals at higher risk of severe disease
  • Pregnant women

• Priority 3: Individuals with symptoms who do not meet any of the above categories

• Priority 4: Individuals without symptoms who do not meet any of the above categories

Selected CDC Guidance Updates

• Impact of COVID-19 on adults with underlying medical conditions: https://www.cdc.gov/mmwr/volumes/69/wr/mm6924e2.htm

• Decline in non-COVID-19 emergency dept visits: https://www.cdc.gov/mmwr/volumes/69/wr/mm6925e2.htm


• Considerations for Animal Activities at Fairs: https://www.cdc.gov/coronavirus/2019-ncov/animals/events-animal-activities.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 Monday, June 29 through Friday, July 3

- SDPHL will not provide courier service or testing Saturday, July 4 or Sunday, July 5

- Courier service and testing will resume Monday-Saturday beginning Monday, July 6
Antibody Testing for SARS-CoV-2

- SDPHL will implement antibody testing in early July.

- In accordance with federal recommendations, SDPHL will:
  - Provide a dual-antibody testing algorithm for SARS-CoV-2
  - Only use FDA EUA-approved tests

- The South Dakota Department of Health (SDDOH) will follow antibody testing recommendations provided by:
  - Centers for Disease Control and Prevention (CDC)
  - American Medical Association (AMA)
  - Infectious Disease Society of America (IDSA)
  - Food and Drug Administration (FDA)
SDPHL Antibody Testing Plan

Based on these recommendations, SDPHL will provide antibody testing for the following groups:

• Clinical assessment of COVID-19 illness when combined with results from PCR testing in consultation with a health care provider trained to interpret those results
• Evaluation of recovered individuals for convalescent plasma donations
• Population-level studies to determine seroprevalence, or the prevalence of antibodies to SARS-CoV-2 in a population
SDPHL Antibody Testing Plan

SDPHL will not provide antibody testing for the following uses:

• Diagnose COVID-19 in the absence of a diagnostic test result
• Determine immune status
• Inform decisions to return to work, school, or admission to congregate living settings
• Inform precautionary actions such as physical distancing and use of personal protective equipment
SDPHL Antibody Testing Plan

**Test Order.** Antibody testing must be ordered by a health care provider; SDPHL does not offer direct-to-consumer antibody testing.

**Specimen Requirements.** A minimum of 1.5 milliliters of serum or plasma is required for SARS-CoV-2 antibody testing. Gross hemolysis may adversely impact SARS-CoV-2 antibody testing.

**Packaging and Shipping.** Specimens should be packaged as a Category B infectious substance. Specimens can be shipped to the SDPHL using the statewide courier. The courier can be reached at 1-877-434-9366 for on-demand service.
SDPHL Antibody Testing Plan

**Turn-Around Time.** Target turn-around time for SARS-CoV-2 antibody testing is 48 hours but TAT will be test volume dependent; TAT for mass collection events will be longer.

**Reporting.** SDPHL will report antibody test results by secure fax for those clients that have a secure fax agreement in place. Clients can access the secure fax agreement on the SDPHL website or by contacting the SDPHL at 605-773-3368.
Long-Term Care Sentinel Surveillance

- Sentinel surveillance is beginning in 104 nursing homes and 35 assisted living facilities in South Dakota.

- Assisted living facilities that want to enroll in sentinel surveillance should contact:
  - Julie.Jenssen@state.sd.us
  - Lori.Konst@state.sd.us
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.

- Based on consultation with the Office of Licensure and Certification, smaller facilities may collect two specimens each week from 1 asymptomatic staff member and 1 asymptomatic resident.
Long-Term Care Sentinel Surveillance

• Participants in sentinel surveillance have received one month of specimen collection supplies from the SDPHL.
  - Twelve (12) tubes of liquid transport media
  - Twelve (12) foam swabs
  - Twelve (12) flocked swabs
  - Twelve (12) small ziptop bags
  - Four (4) Category B shipping boxes
  - Four (4) Tyvek envelopes
  - Four (4) biohazard bags
  - Four (4) ice packs
Long-Term Care Sentinel Surveillance

Sterile Saline

Flocked Swabs

Foam Swabs
Long-Term Care Sentinel Surveillance

Category B Shipper

Tyvek and Biohazard Bags

Ice Pack
Long-Term Care Sentinel Surveillance

- Medical orders are required for specimen collection
- Consent is required for specimen collection
- Nasopharyngeal, nasal, and oropharyngeal specimens are acceptable
- Each specimen must be accompanied by a Long-Term Care Sentinel Surveillance Requisition and all specimens must be appropriately labeled with the patient name and date of birth.
Sentinel Surveillance: Courier Information

- SDPHL will provide testing for long-term care sentinel surveillance
- Specimens should be sent to the SDPHL using the statewide courier

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>Service Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Scheduled</td>
<td>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.</td>
</tr>
<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>
</tr>
</tbody>
</table>
Infection Control
COVID-19 Personal Protective Equipment (PPE) for Healthcare Personnel

**Preferred PPE – Use** N95 or Higher Respirator

- Face shield or goggles
- N95 or higher respirator
- When respirators are not available, use the best available alternative, like a facemask.
- One pair of clean, non-sterile gloves
- Isolation gown

**Acceptable Alternative PPE – Use** Facemask

- Face shield or goggles
- Facemask
- N95 or higher respirators are preferred but facemasks are an acceptable alternative.
- One pair of clean, non-sterile gloves
- Isolation gown

[cdc.gov/COVID19](https://www.cdc.gov/COVID19)

<table>
<thead>
<tr>
<th>Exposure</th>
<th>Personal Protective Equipment Used</th>
<th>Work Restrictions</th>
</tr>
</thead>
</table>
| 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. |

Which procedures are considered aerosol generating procedures in healthcare settings?

Commonly performed medical procedures that are often considered AGPs, or that create uncontrolled respiratory secretions, include:

- Open suctioning of airways
- Sputum induction
- Cardiopulmonary resuscitation
- Endotracheal intubation and extubation
- Non-invasive ventilation (e.g. BiPAP, CPAP)
- Bronchoscopy
- Manual ventilation

Based on limited available data, it is uncertain whether aerosols generated from some procedures may be infectious, such as

- Nebulizer administration
- High flow O2 delivery

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