2019 Novel Coronavirus (COVID-19)

South Dakota Department of Health

June 4, 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 3, 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 3, 2020)

- **International**
  - 6,287,771 confirmed cases
  - 379,941 deaths

- **United States** (50 states + DC)
  - 1,827,425 confirmed cases in U.S.
  - 106,202 deaths

- **South Dakota**
  - 5,162 confirmed cases in South Dakota
  - 62 deaths
  - 4,084 recovered
Epidemiologic “Epi” Curve of COVID-19 Cases, by Onset Date

As of June 4, 2020
General Testing Recommendations

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

- Cough or
- Shortness of breath or difficulty breathing

Or at least two of these symptoms:
- Fever
- Chills
- Repeated shaking with chills
- Muscle pain
- Headache
- Sore throat
- New loss of taste or smell

Selected CDC Guidance Updates

• Revised the interview period for asymptomatic individuals from 10 days prior to specimen collection down to 2 days prior to specimen collection: https://www.cdc.gov/coronavirus/2019-ncov/php/open-america/contact-tracing-resources.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, beginning the week of June 8.

• Beginning the week of June 8, 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 June 29

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

• SDPHL will implement tests that can detect both IgM and IgG antibodies

• SDPHL will only implement tests that are FDA EUA-approved
Antibody Testing At The SDPHL Will Be Limited to:

• Population-level seroprevalence studies

• Evaluation of recovered individuals for convalescent plasma donations

• Clinical assessment of COVID-19 illness for individuals when combined with results from PCR testing in consultation with a skilled provider trained to interpret those results
Antibody Test Results Should NOT Be Used To:

• Diagnose someone with an active SARS-CoV-2 infection
• Determine a person’s immune status for SARS-CoV-2 infection
• Inform decisions to return to work
• Inform physical distancing decisions
• Provide “immunity certificates”
LTC Testing for SARS-CoV-2

- South Dakota Department of Health constructed a tiered plan to test residents and staff in skilled nursing facilities and then assisted living centers over a one month period

- Specimens will be collected and tested in partnership with Sanford, Avera, and Monument healthcare systems in South Dakota, as well as the South Dakota Public Health Laboratory, Mayo Clinic Laboratory, and LabCorp
LTC Testing Schedule

Tier 1: **Skilled Nursing Facilities** in areas of substantial COVID spread
- Week of May 18

Tier 2: All remaining **Skilled Nursing Facilities** in South Dakota
- Week of May 25

Tier 3: **Assisted Living Centers** in areas of substantial COVID spread
- Week of June 1

Tier 4: All remaining **Assisted Living Centers** in South Dakota
- Week of June 8
Specimen Collection Support for LTC Testing

- LTC facilities are encouraged to reach out to healthcare partners such as Home Health, Rural Health Clinics, and local hospitals for assistance with specimen collection.

- Department of Health provides funding to assist with specimen collection. Grants will be provided to facilities that provide specimen collection services.
Laboratory Support for LTC Testing

Avera: Doug Ekeren, Douglas.Ekeren@avera.org
Monument: Traci Stohrer, TStohrer@monument.health
Sanford: Rochelle Odenbrett, Rochelle.Odenbrett@SanfordHealth.org
LabCorp: Scott Huff, Huffs@LabCorp.com
          Julie Copple, Bellmaj@LabCorp.com
SDPHL: Laurie Gregg, Laurie.Gregg@state.sd.us
        Tim Southern, Tim.Southern@state.sd.us
Addional Support for LTC Testing

Non-laboratory questions about LTC testing can be directed to:

Department of Health: Chris Qualm, Chris.Qualm@state.sd.us
Joan Adam, Joan.Adam@state.sd.us
PPE Support for LTC Testing

- Nasopharyngeal swab collection is an aerosol generating procedure
- PPE is needed for specimen collection
- DOH will provide PPE to support LTC testing

Please submit PPE requests to the following:
COVIDResourceRequests@state.sd.us
Information Reporting

LTC facilities should provide the following information to the DOH:

- Number of residents tested
- Number of staff tested
- Number of positive results
- Testing completion date

Data should be provided to:
  Jennifer Maeschen
  Jennifer.Maeschen@state.sd.us
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)

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<tr>
<th>Exposure</th>
<th>Personal Protective Equipment Used</th>
<th>Work Restrictions</th>
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<tbody>
<tr>
<td>HCP who had prolonged 1 close contact 2 with a patient, visitor, or HCP with confirmed COVID-19 3</td>
<td>- HCP not wearing a respirator or facemask 4&lt;br&gt;- HCP not wearing eye protection if the person with COVID-19 was not wearing a cloth face covering or facemask&lt;br&gt;- HCP not wearing all recommended PPE (i.e., gown, gloves, eye protection, respirator) while performing an aerosol-generating procedure 1</td>
<td>- Exclude from work for 14 days after last exposure 5&lt;br&gt;- Advise HCP to monitor themselves for fever or symptoms consistent with COVID-19 6&lt;br&gt;- Any HCP who develop fever or symptoms consistent with COVID-19 6 should immediately contact their established point of contact (e.g., occupational health program) to arrange for medical evaluation and testing.</td>
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... To protect patients and co-workers, HCP should wear a facemask at all times while they are in a healthcare facility (i.e., practice source control).

• HCP working in facilities located in areas with moderate to substantial community transmission are more likely to encounter asymptomatic patients with COVID-19. If COVID-19 is not suspected in a patient presenting for care … should also:
  • Wear eye protection in addition to their facemask to ensure the eyes, nose, and mouth are all protected from splashes and sprays of infectious material from others.
  • Wear an N95 or higher-level respirator, instead of a facemask, for:
    • Aerosol-generating procedures (See Which procedures are considered aerosol generating procedures in healthcare settings FAQ) and
    • Surgical procedures that might pose higher risk for transmission if the patient has COVID-19 (e.g., that generate potentially infectious aerosols or involving anatomic regions where viral loads might be higher, such as the nose and throat, oropharynx, respiratory tract) (see Surgical FAQ below).
  • Respirators with exhalation valves are not recommended for source control and should not be used during surgical procedures as unfiltered exhaled breath would compromise the sterile field.

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