2019 Novel Coronavirus (COVID-19)
South Dakota Department of Health
May 28, 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 May 27, 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 the website following the webinar.*
Situation Update
Coronavirus Situation (as of May 28, 2020)

• **International**
  • 5,488,825 confirmed cases
  • 349,095 deaths

• **United States** (50 states + DC)
  • 1,678,843 confirmed cases in U.S.
  • 99,031 deaths

• **South Dakota**
  • 4,710 confirmed cases in South Dakota
  • 54 deaths
  • 3,619 recovered
Epidemiologic “Epi” Curve of COVID-19 Cases, by Onset Date

As of May 28, 2020
COVID-19 Cases, by County

As of May 28, 2020
Who is considered a Close Contact?

Someone who has spent prolonged time (15 minutes) with a case, including:

- Spending time in the same room
- Direct personal contact, such as hugging
- Contact with respiratory droplets, such as through sneeze or cough
- Sharing eating/drinking utensils
From CDC FAQs

- CDC and partners are investigating to determine if you can get sick with COVID-19 more than once. At this time, we are not sure if you can become re-infected. Until we know more, continue to take steps to protect yourself and others.

General Testing Recommendations

Medical providers should consider testing individuals, using a viral test, with the following signs and symptoms of COVID-19:


- 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
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.
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
Additional 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
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 Prevention
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


<table>
<thead>
<tr>
<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-19 ¹ | • HCP not wearing a respirator or facemask ²  
• 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 procedure | • Exclude from work for 14 days after last exposure ³  
• Advise HCP to monitor themselves for fever or symptoms consistent with COVID-19 ⁴  
• Any HCP who develop fever or symptoms consistent with COVID-19 should immediately contact their established point of contact (e.g., occupational health program) to arrange for medical evaluation and testing. |

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)
    - 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...

Make the Smart Choice!
Know your protection. Wear it consistently. Reduce your exposure risk.

**Procedure Mask**
- Resists fluid and larger droplets.
- Protects patient from your respiratory emissions.
- Does not protect you from patient’s small particle aerosols.

**N95 Respirator**
- Provides a higher level of protection against airborne and fluid contaminants.
- Resists small particle aerosol and large droplets.
- Filters 95% or more of small and large airborne particles (as small as 0.3 microns).

**Fit Tested**
- Tight fitting.
- Seal check required for every Donning event.
- No leakage during inhalation or exhalation when properly fitted and donned.

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**Disposal Table**
- Procedure masks may be used during crisis events.
- Used, wet, or contaminated with respiratory or bodily secretions from patient.

**Useable PPE**
- Can be used for multiple patient encounters.
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**Why:** Reusing and recycling conserves N95 inventory.

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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.
SERV SD

Current Status:
- 5,119 Total Registered Volunteers
- 1,628 Volunteers have registered since March 1st, 2020

Request Process:
- Facilities should provide a detailed request to SERV SD Coordinator Adam Frerichs by phone at 605.280.9412 or email at adam.frerichs@state.sd.us.
- Based on the request the SD Dept. of Health will query the SERV SD site to identify appropriate registered volunteers based on skill set. A mass notification message will then be sent to the volunteers notifying them of the volunteer opportunity. Once a list of volunteers willing to accept this opportunity is gathered, the SD Dept. of Health will provide the information to the requesting facility.
- Once the available volunteers information has been passed on the requesting facility will then be responsible to engage and coordinate with the volunteer.

**It is important to remember that SERV SD is an as needed resource and the ability to fill requests for volunteers is dependent on the availability of registered volunteers.

For further information please visit [volunteers.sd.gov](http://volunteers.sd.gov) and view the frequently asked questions or contact Adam Frerichs.
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