

## Pathogen Genomics Center of Excellence: Prospective Surveillance of Respiratory Pathogens and Antimicrobial Resistance in Diverse Regional Populations (MINNE-LOVE-2)

**Status:** Recruiting

### Eligibility Criteria

**Sex:** Male or Female

**Age Group:** Not specified

This study is also accepting healthy volunteers

#### Inclusion Criteria:

- age at least 18 years and able to provide informed consent AND willing and able to collect nasal swabs and complete symptom questionnaires with symptomatic respiratory illness Or - age less than 18 years within the same household of at least 1 adult participant in study AND parent/guardian available to provide informed consent AND self or parent/guardian willing and able to collect nasal swabs and complete symptom questionnaires with symptomatic respiratory illness

#### Exclusion Criteria:

- presence of a condition or abnormality that in the opinion of the Investigator would compromise the safety of the participant or the quality of the data (e.g., parent not able to answer the questionnaire because of a psychological condition or an anxiety disorder that is severe) - routine mucosal specimen collection is not medically advised (such as severe immunocompromising condition, bleeding disorder)

### Conditions & Interventions

#### Conditions:

Community Health, Infectious Diseases, Respiratory System

#### Keywords:

germs, infection, respiratory illness, RSV, virus

### More Information

**Description:** Respiratory illnesses, including ear and sinus infections, colds, and pneumonias, are among the most common infectious diseases affecting Minnesotans across their lifespan. These diseases can be caused by many different types of microbes—bacteria, viruses and fungi—and different types of microbes may require different kinds of treatment. This research is being done to learn more about the specific types of microbes that cause respiratory infections in children and adults across the state of Minnesota over time. Antimicrobial resistance happens when microbes develop the ability to defeat the drugs designed to kill them. Through this study, we will learn which types of genes are carried by microbes living in the respiratory tract by collecting and analyzing nasal and oral specimen.

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#### IRB

**Number:** STUDY00019522

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