



South Central Coalition Meeting High Consequence Infectious Disease (HCID) Update

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ICAR Helps Care Facilities with their Infection Prevention Programs

- IP Program Basics
 - Administrative structure
 - Isolation policies & procedures
 - General infection prevention domains
- Site visit: review assessment, hands on evaluation
- Requests for assistance
 - Outbreaks, Scabies



High Consequence Infectious Diseases (HCIDs)

Highly fatal

Highly infectious

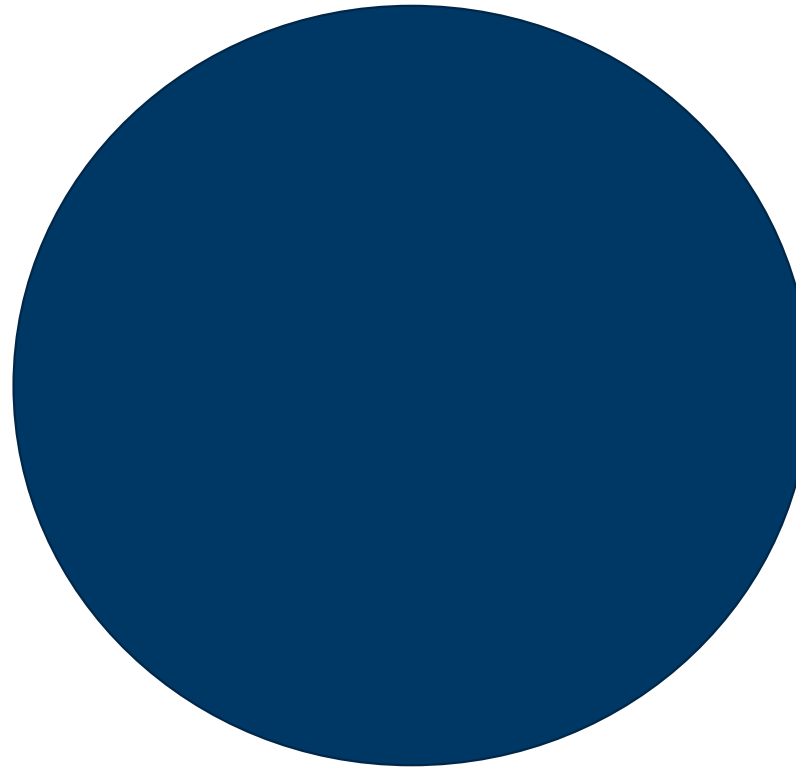
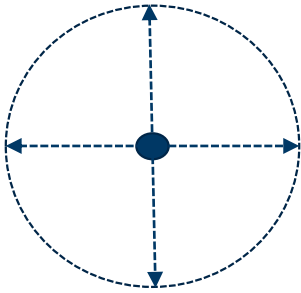
Rare, but...

- Could present anywhere at anytime
- Mimic common conditions
- Can easily spread



Why prepare for HCIDs?

Risk assessment may show likelihood of patient presenting with HCID is typically low, and temporarily increases when hotspots of disease activity occur.

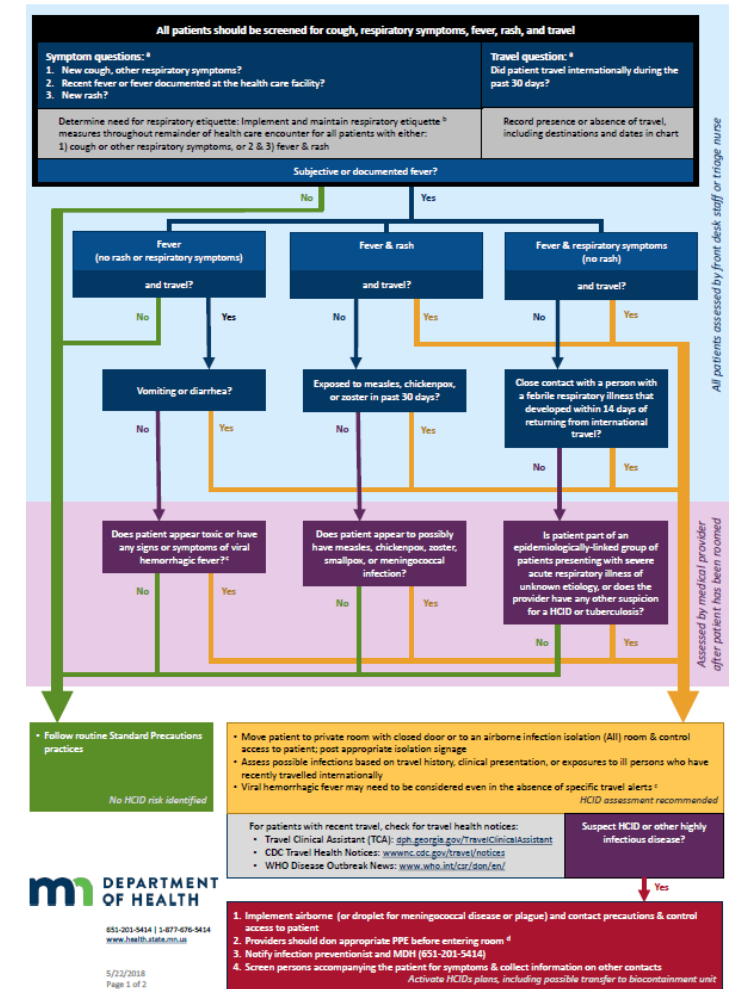


Consequence assessment reveals major negative impacts resulting from delayed identification and isolation of patients with HCIDs

High Consequence Infectious Disease (HCID)

- Concepts
 - HCIDs other than Ebola exist
 - **Identify, isolate, inform**
 - Preparation should be rolled into everyday practice
- MN HCID Collaborative - Screening Tool
 - MDH, MHealth, Mayo, MN Health Care Coalitions
- Ask everyone if they have:
Fever, respiratory symptoms, rash, travel in last 30 days

High Consequence Infectious Disease (HCID) Screening Guidance



Screen all patients

- F: Fever



- A: Acute Respiratory Symptoms



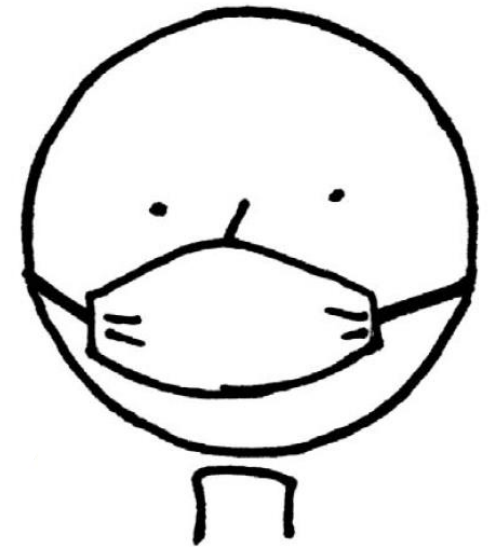
- R: Rash



- T: Travel



Mask them!



High Consequence Infectious Disease (HCID)

- Frontline Health Care Facilities
- Ambulance Services
- Hospital HCID drills



Frontline Hospital HCID Toolbox

- Suggested standard for MN hospitals
- Simple, easy, adaptable tools:
- Requests (>20) from other states to use

The screenshot shows the Minnesota Department of Health (MDH) website for the HCID Toolbox. The header includes the MDH logo, navigation links for HOME, TOPICS, and ABOUT US, and a search bar. The main content area is titled "High Consequence Infectious Disease (HCID) Toolbox for Frontline Health Care Facilities" and features a "Updated 09/20/2019" badge. Below the title is a section for the "Purpose of toolbox" and an "Executive Summary (PDF)" link. A list of bullet points describes the toolbox's features: ready-to-use editable tools, CMS emergency preparedness requirements, multi-year planning, and standard infection prevention concepts. A "How to use the toolbox" section provides instructions on using templates, slides, exercises, and components. The left sidebar lists various resources like "Donning and Doffing Videos", "Exercise Templates", and "HCID Binder". The right sidebar includes a "Share This" button, a "Subscribe to MN Healthcare-Associated Infections Updates" button, an "ICAR" logo, and a "Spotlight" section on hand hygiene and antimicrobial resistance. A "Contact us" section at the bottom right provides contact information for the MDH Infectious Disease Epidemiology, Prevention and Control Division.

HCID Toolbox

- HCID Toolbox Home
- Donning and Doffing Videos
- Exercise Templates
- HCID Binder

Related Topics

- Infection Control
- Healthcare-Associated Infections
- Infection Control Assessment and Response Program (ICAR)
- Antimicrobial Resistance & Stewardship
- Hand Hygiene
- Cover Your Cough
- Injection Safety
- Infectious Disease Reporting
- Emergency Preparedness & Response
- MDH Emergency Preparedness Plans
- Emergency Preparedness Training and Exercises

High Consequence Infectious Disease (HCID) Toolbox for Frontline Health Care Facilities

Updated 09/20/2019

Purpose of toolbox

[Executive Summary \(PDF\)](#)

- Provides ready-to-use editable tools for frontline facilities to prepare and respond to patients who may have a high consequence infectious disease (HCID).
- Helps facilities meet CMS emergency preparedness regulatory requirements for training and testing programs.
- Helps facilities develop a multi-year plan for HCID education and exercises.
- Incorporates standard infection prevention concepts into training and exercises.

How to use the toolbox

- Use sample multi-year planning, training and exercise plan templates to lay out preparedness activities over multiple years.
- Incorporate readymade slides and personal protective equipment (PPE) videos into facility infection prevention and emergency preparedness training.
- Use or modify sample exercises (seminar, workshop, table top, mini-exercise, game) and templates (Planning Tool, After Action Report).
- Use components to make a binder for staff to use at point of care.

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ICAR

Spotlight

[Hand Hygiene](#)
Information about washing/cleaning your hands.

[Antimicrobial Susceptibilities of Selected Pathogens \(MDH Antibiogram\)](#)

[Making Health Care Safer CDC Vital Signs.](#)

Contact us:
If you have questions or comments about this page, use our [IDEPIC Comment Form](#) or call 651-201-5414 for the MDH Infectious Disease Epidemiology, Prevention and Control Division.

Tools

- Planning Tools: self assessment, calendar
- Training Tools: PowerPoints, PPE videos
- Exercises: Mini-drills
- Readiness Binder or Readiness Card



Center for Enhanced Response (CER) Assessment

- Deeper assessment of preparedness
- Establish partnership with MDH
- Onsite visit if desired

<https://www.health.state.mn.us/diseases/hcid/index.html>

Minnesota Centers for Enhanced Response (CER) Assessment Tool

To enroll in the CER program, submit the secure online assessment tool found in the High Consequence Infectious Disease (HCID) Toolbox for Frontline Health Care Facilities (<https://www.health.state.mn.us/diseases/hcid/index.html>). For more flexibility, you may want to print this PDF assessment tool, fill it out by hand at your convenience, and then enter your data into the online tool.

Instructions

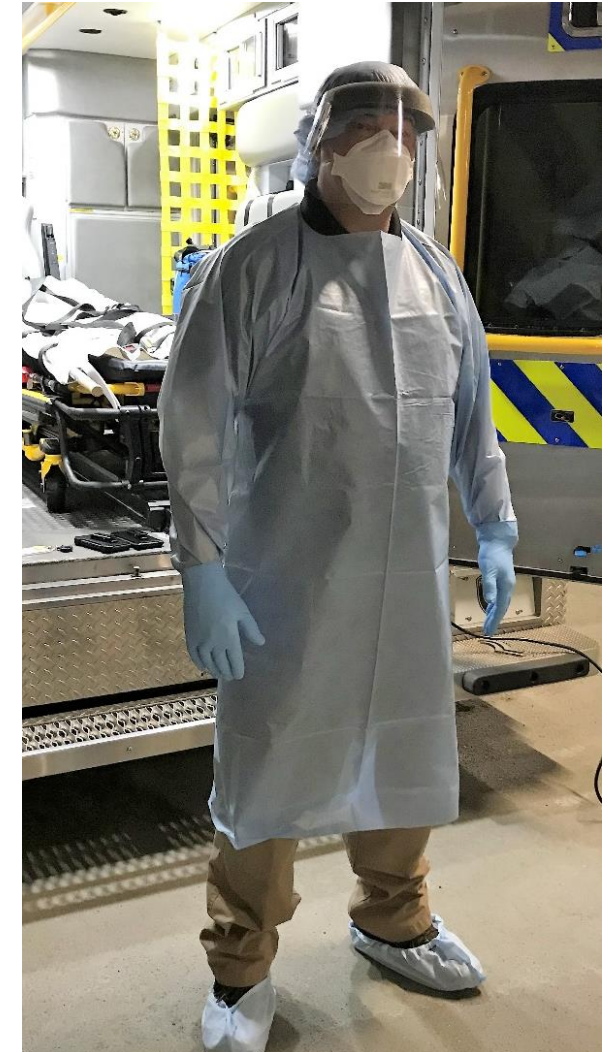
This assessment should take approximately 30–60 minutes to complete. It should be completed by someone who works in infection prevention and control. There are 13 sections of the assessment. Please mark the following in response to each question:

- “Y” (Yes) for any element that is completed and in place.
- “I” (In Progress) if your facility is working on but has not yet completed and/or finalized the activity.
- “N” (Not Started) if the activity has not started or there are no plans to address.
- “NA” (Not Applicable) if the activity does not apply to your facility.

Please contact the MDH-ICAR staff at health.icar@state.mn.us with any questions or concerns.

Ambulance Service Outreach

- Ambulance Service HCID Toolbox – ETA: early 2020
- ICAR Assessment for Ambulance Service: basic infection prevention practices
- Compendium (list) of Services – to communicate



- Same simple, easy, adaptable tools
- Readiness Card (instead of binder): doffing procedure, isolation guide
- Working on content and videos with Metro HC Coalition

m1 DEPARTMENT OF HEALTH

HOME TOPICS ABOUT US

Search

HCID Toolbox

HCID Toolbox Home

Donning and Doffing Videos

Exercise Templates

HCID Binder

Related Topics

ICAR Home

Infection Control

Healthcare-Associated Infections

Antimicrobial Resistance

Hand Hygiene

Cover Your Cough

Injection Safety

Infectious Disease Reporting

Infectious Diseases A-Z

Infectious Diseases by Category

High Consequence Infectious Disease (HCID) Toolbox for Ambulance Services

[Executive Summary](#) (PDF)

- ▶ Provide ready-to-use tools for frontline facilities to prepare to respond to patients who may have a high consequence infectious disease (HCID).
- ▶ Helps facilities meet CMS emergency preparedness regulatory requirements for training and testing programs.
- ▶ Helps facilities develop a multi-year plan for HCID education and exercises.
- ▶ Incorporates standard infection prevention concepts into training and exercises.

How to use the toolbox

- ▶ Use sample multi-year planning, training and exercise plan templates to lay out preparedness activities over multiple years.
- ▶ Incorporate readymade slides and personal protective equipment (PPE) videos into facility infection prevention and emergency preparedness training.
- ▶ Use or modify sample exercises (seminar, workshop, table top, mini-exercise, game) and templates for the exercises (Planning Tool, After Action Report).
- ▶ Use components to make a binder for staff to use at point of care.

Planning tools

- ▶ [Components Necessary for a "Ready" Frontline Facility](#) (PDF)
- ▶ [Sample Needs Assessment Questionnaire](#) (Word)

Share This

ICAR

Spotlight

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[Hand Hygiene](#)
Information about washing/cleaning your hands.

[Antimicrobial Susceptibilities of Selected Pathogens \(MDH Antibigram\)](#)

[Making Health Care Safer](#)
CDC Vital Signs. Attention: Non-MDH link.

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High Consequence Infectious Disease (HCID)

Screening Guidance for Ambulance Services

All patients should be screened for cough, respiratory symptoms, fever, rash, and travel

Symptom questions:

1. New cough, other respiratory symptoms?
2. Recent fever or fever documented by ambulance service?
3. New rash?

Determine need for respiratory etiquette: Implement and maintain respiratory etiquette measures for remainder of encounter for all patients with either: 1) cough or other respiratory symptoms, or 2 & 3) fever and rash

Travel question:

Did the patient travel internationally during the past 30 days?

Record presence or absence of travel, including destinations and dates if able

Subjective or documented fever

No

Follow Standard Precautions

Yes

- Place simple mask on patient
- If patient cannot wear mask – EMS wears mask or respirator
- EMS wears gloves for contact with rash
- EMS wears clothing cover if patient has bleeding, vomiting or diarrhea
- EMS communicates response to screening questions to hospital

ICAR Infection Prevention Assessment

- Goal: improve infection control practices
- Voluntary, non-regulatory program
- ICAR: 400 onsite visits to hospitals, long-term care, dialysis centers, and clinics
- Service fills out assessment
- ICAR: onsite visit if desired to review assessment and offer hands evaluation
- ICAR would like to pilot this in 15 services

<https://www.health.state.mn.us/facilities/patientsafety/infectioncontrol/icar/enroll.html>

Infection Control Assessment and Response (ICAR) Tool for Ambulance Services

This tool is intended to assist in the assessment of infection control programs and practices among ambulance services. An optional direct observation (i.e., site visit and/or ride along) of infection control practices will be offered by the Infection Control Assessment and Response (ICAR) team per grant funding.

To enroll, submit the secure online assessment tool found on [Enroll in ICAR](https://www.health.state.mn.us/facilities/patientsafety/infectioncontrol/icar/enroll.html) (<https://www.health.state.mn.us/facilities/patientsafety/infectioncontrol/icar/enroll.html>). For more flexibility, you may want to print this PDF assessment tool, fill it out by hand at your convenience, and then enter your data into the online tool.

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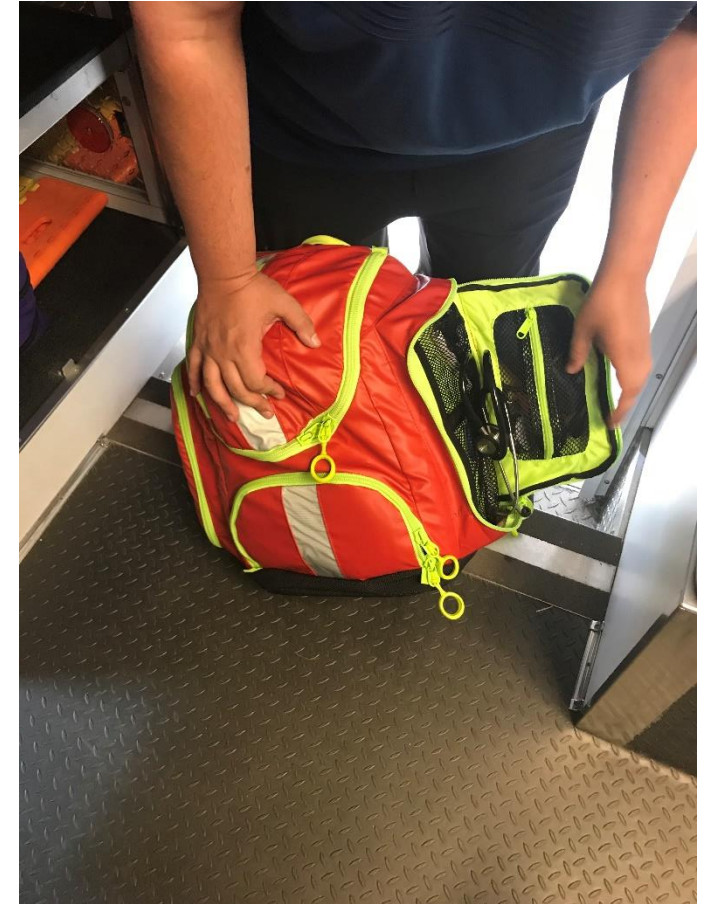
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Domains for Infection Prevention

- Program and Infrastructure
- Training and Competency
- Personnel Safety
- Hand Hygiene & Personal Protective Equipment (PPE)
- Injection Safety
- Respiratory Hygiene / Cough Etiquette
- Point of Care Testing (if applicable)
- Environmental Cleaning and Device Reprocessing (if applicable)

ICAR Assessment Findings Include

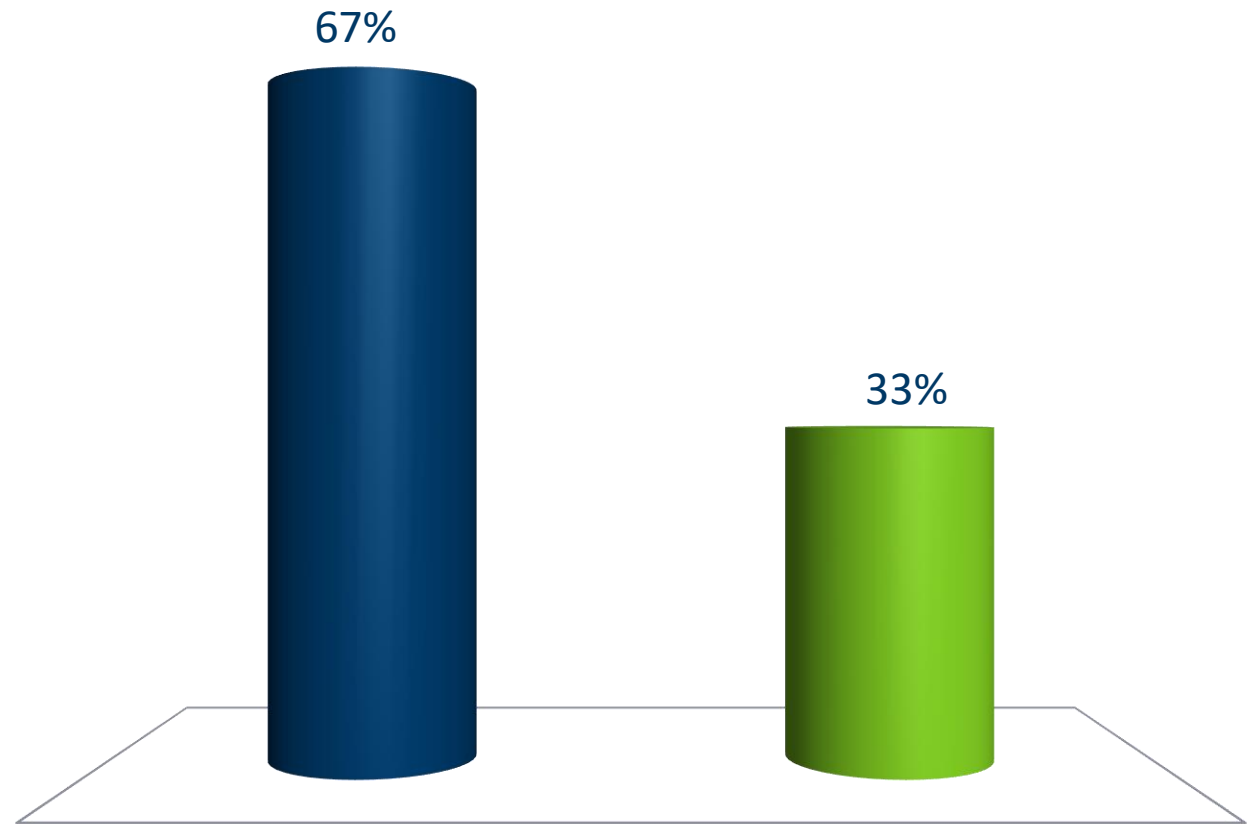
- Innovation for equipment (e.g. vinyl straps for gurney)
- Minimal infection prevention policies & procedures
- Assessment of infectious status of the patient is variable
- Not routinely masking patient or masking themselves
- Challenges for hand hygiene and PPE
- They would like info on MDROs
- The equipment bags pose problems with cleaning and separating clean from dirty



It is inevitable that EMS personnel are exposed to blood and body fluids.

A. True

B. False



Evaluations very positive



- Changes I made from ICAR visit: IP program infrastructure, Hand hygiene, Injection safety, Respiratory Hygiene/Cough Etiquette
- Participation led to connecting with Infection Preventionists affiliated with my hospital
- Want training tools specific to ambulance services and challenges we face while on-scene
- Shared ICAR information with regional EMS Directors and got interest and follow-up from a few on what the assessment is about and looking for standard policies and training resources

Conclusion:

- Screen everyone for fever, acute respiratory symptoms, and travel
- New Tools for HCID Preparedness
- ICAR Team available to help with HCID and general infection prevention

What questions do you have for me?

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