# Codifying Transmission, Containment and Prevention: Part 2

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Quality Innovation Network -Quality Innovement Organizations CENTER'S FOR MEDICARE & MEDICAI D SERVICES QUALITY IMPROVEMENT & INNOVATION GROUP

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# Swati Gaur, MD, MBA, CMD, AGSF

### MEDICAL DIRECTOR, POST-ACUTE CARE NORTHEAST GEORGIA HEALTH SYSTEM

Dr. Gaur is the medical director of New Horizons Nursing Facilities with the Northeast Georgia Health System. She is also the CEO of Care Advances Through Technology, a technology innovation company. In addition, Dr. Gaur is on the electronic medical record (EMR) transition and implementation team for the health system, providing direction to EMR entity adaption to the long-term care (LTC) environment. She has also consulted with post-acute long-term care (PALTC) companies on opti23mizing medical services in PALTC facilities, integrating medical directors and clinicians into the QAPI framework, and creating frameworks of interdisciplinary work in the organization. She established the palliative care service line at the Northeast Georgia Health System.

Dr. Gaur is an attending physician in several nursing facilities. She attended medical school in Bhopal, India, and started her residency in internal medicine at St. Luke's–Roosevelt Medical Center in New York. She completed her fellowship in geriatrics at the University of Pittsburgh Medical Center and is board-certified in internal medicine, geriatrics, hospice, and palliative medicine. In addition, she earned a master's in business administration at the Georgia Institute of Technology with a concentration in technology management.



# Erica Umeakunne, MSN, MPH, APRN, CIC

#### **INFECTION PREVENTION SPECIALIST**

Erica Umeakunne is an adult gerontology nurse practitioner and infection preventionist with experience in primary care, critical care, health care administration, and public health.

She previously served as the interim hospital epidemiology director for a large health care system in Atlanta and as a nurse consultant in the Centers for Disease Control and Prevention's (CDC) Division of Healthcare Quality Promotion. While at the CDC, she served as an infection prevention and control (IPC) subject matter expert for domestic and international IPC initiatives and emergency responses, including Ebola outbreaks and, most recently, the COVID-19 pandemic.

Erica enjoys reading, traveling, family time, and outdoor activities.

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# **Objectives**

- Provide updates on COVID-19 and other respiratory viral threats that nursing homes are facing
- Understand the importance of implementing transmissionbased precautions (TBP) to prevent the spread of pathogens
- Describe practical steps to promptly identify and contain infectious pathogens in facilities using case studies
- Highlight lessons learned from COVID-19 that apply to TBP practices





### Practical Steps to Implementing Transmission-Based Precautions

Identify the pathogen or clinical syndrome

Coordinate ongoing prevention activities

### Initiate Containment

Determine extent of transmission



### **Important Points**

High degree of suspicion (Identification)

Containment (Implementation of TBP)

Surveillance and testing (Determine extent of transmission)

Mapping (Determine extent of transmission)

Risk assessment & and audits (Coordinate ongoing IPC activities)



# COVID-19 Update



## **CDC COVID Data Tracker**

#### COVID-19 Update for the United States

#### **Early Indicators**



CDC | Test Positivity data through: January 6, 2024; Emergency Department Visit data through: January 6, 2024; Hospitalization data through: January 6, 2024; Death data through: January 6, 2024; Death data through: January 6, 2024; Death data through: January 6, 2024; Long Posted: January 12, 2024 12:00 PM ET

**Severity Indicators** 

https://covid.cdc.gov/covid-data-tracker/#datatracker-home



**HHS Region:** 

USA

Data for the 2-Week Period Ending on: 1/6/2024(Nowcast)

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This shows weighted and Nowcast estimates for the United States. The table and map show estimates for the 2-week period ending on 1/6/2024(Nowcast) if available.

#### Weighted and Nowcast Estimates in United States for 2-Week Periods in 9/17/2023 - 1/6/2024

Nowcast Estimates in United States for 12/24/2023 - 1/6/2024

Hover over (or tap in mobile) any lineage of interest to see the amount of uncertainty in that lineage's estimate. କ୍ଥ



Enumerated lineages are US VOC and lineages circulating above 1% nationally in at least one 2-week period. "Other" represents the aggregation of lineages which are circulating <1% nationally during all 2-week periods displayed. # While all lineages are tracked by CDC, those named lineages not enumerated in this graphic are aggregated with their parent lineages, based on Pango lineage definitions, described in more detail here

https://www.pango.network/the-pango-nomenclature-system/statement-of-nomenclature-rules/

CDC COVID-19 Variant Surveillance

https://covid.cdc.gov/coviddata-tracker/#variantproportions



Wastewater Metric Map									
State or territory:		County:							
Select state or territory	~	Select state/territory to enable	Reset Se	ections					
Time Period: Dec 25, 2023 – Jan 08, 2024			🛍 Major Cities On 🕮 N	lajor Cities Off					
Metric: • Current virus levels in wastewater by site • Percent change in the last 15 days • Percent of mastewater camples with detectable viru	Show: Sites with no re Sites that start	ecent data ed sampling after 12/1/21							

#### Current virus levels in wastewater by site

This metric shows whether SARS-CoV-2 levels at a site are currently higher or lower than past historical levels at the same site. 0% means levels are the lowest they have been at the site; 100% means levels are the highest they have been at the site. Public health officials watch for increasing levels of the virus in wastewater over time and use these data to help make public health decisions.

**A** Note: Sites began collecting data at different times. Sites that began reporting wastewater data after December 1, 2021 are not comparable to sites that started reporting data on or before December 1, 2021. The data history for these new sites is not long enough to reflect the same surges as the other sites.



#### New York City

C le	urrent virus evels category	Num. sites	% sites	Category change in last 7 days			
	New Site	128	12	23%			
	0% to 19%	3	0	- 40%			
	20% to 39%	30	3	- 17%			
	40% to 59%	88	8	- 33%			
	60% to 79%	320	29	- 15%			
	80% to 100%	529	48	6%			

Total sites with current data: 1098

Total number of wastewater sampling sites: 1715

How is the current SARS-CoV-2 level compared to past levels calculated?

# Wastewater Surveillance

https://covid.cdc.gov/covid-datatracker/#wastewater-surveillance



	Download 🗸	
Wastewater Metric Map		
State or territory:	County:	
Select state or territory	✓ Select state/territory to enable	Reset Selections
Time Period: Dec 25, 2023 – Jan 08, 2024		Major Cities On Major Cities Off
Metric: Current virus levels in wastewater by site Percent change in the last 15 days Percent of wastewater samples with detectable virus	Show: Sites with no recent data	

#### Percent change in the last 15 days

This metric shows whether virus levels have increased or decreased over the last 15 days. When levels of virus in wastewater are low, a modest increase in virus level can appear much larger when you look at the percent change. This metric may be affected by how often wastewater plants collect samples or by environmental factors (such as rainfall). Wastewater data showing the percent change in virus levels should be used along with other data such as overall levels of the virus in wastewater, historical wastewater data for that location, geographical context, and clinical cases.

Note: This metric does not show overall levels of SARS-CoV-2 in wastewater.



Select legend categories to filter points on the map.

● - 100% ● - 99% to - 10% - 9% to 0% 1% to 9% ● 10% to 99% ● 100% to 999% ● 1000% or more ● No recent data

#### Percent change of SARS-CoV-2 in the last 15 days by site,

United States			
15-day % change category	Num. sites	% sites	Category change in last 7 days
- 100%	35	4	75%
– 99% to – 10%	327	41	29%
– 9% to 0%	78	10	18%
1% to 9%	54	7	- 36%
10% to 99%	134	17	- 35%
100% to 999%	93	12	- 52%
1000% or more	83	10	- 27%

Total sites with current data: 804 Total number of wastewater sampling sites: 1715

#### How is the 15-day percent change calculated?

#### https://covid.cdc.gov/coviddata-tracker/#wastewatersurveillance



# <u>Seck to Deaths</u> COVID-19 Monthly Death Rates per 100,000 Population by Age Group, Race and Ethnicity, and Sex

View Footnotes and Additional Information



Source: Provisional Deaths from the CDC's National Center for Health Statistics (NCHS) National Vital Statistics System (NVSS); Visualization: NCIRD/CORVD and ORR/DEO Situational Awareness Public Health Science Team







### RESP-NET Surveillance

https://www.cdc.gov /surveillance/respnet/dashboard.html



# XBB.I.5 monovalent mRNA vaccine booster elicits robust neutralizing antibodies against emerging SARS-CoV-2 variants

Qian Wang, Yicheng Guo, D Anthony Bowen, Ian A. Mellis, Riccardo Valdez, Carmen Gherasim, D Aubree Gordon, Lihong Liu, David D. Ho doi: https://doi.org/10.1101/2023.11.26.568730

expanding. We now report that administration of an updated monovalent mRNA vaccine (XBB.1.5 MV) to uninfected individuals boosted serum virus-neutralization antibodies significantly against not only XBB.1.5 (27.0-fold) and the currently dominant EG.5.1 (27.6-fold) but also key emergent viruses like HV.1, HK.3, JD.1.1, and JN.1 (13.3-to-27.4-fold). In individuals previously infected by an Omicron subvariant,



### XBB.1.5 Monovalent mRNA Vaccine Booster Elicits Robust Neutralizing Antibodies Against Emerging SARS-CoV-2 Variants





### Early COVID-19 vaccine effectiveness of XBB.1.5 vaccine against hospitalization and ICU admission, the Netherlands, 9 October - 5 December 2023

C. Henri van Werkhoven, Anne-Wil Valk, Bente Smagge, Hester E. de Melker, Mirjam J. Knol, Susan J.M. Hahné, Susan van den Hof, D Brechje de Gier doi: https://doi.org/10.1101/2023.12.12.23299855

#### Abstract

We present early vaccine effectiveness (VE) estimates of the 2023 seasonal COVID-19 vaccination campaign using XBB.1.5 vaccine against COVID-19 hospitalization and ICU admission in previously vaccinated adults ≥60 years old in the Netherlands. We compared vaccination status of 2050 hospitalizations including 92 ICU admissions with age group-, sex-, region- and date-specific population vaccination coverage between 9 October and 5 December 2023. VE against hospitalization was 70.7% (95% CI: 66.6; 74.3). VE against ICU admission was 73.3% (95% CI: 42.2; 87.6).







## **Case Study**

Mr. Jones has been a resident at Sunshine Health nursing facility for the past year. Mr. Jones is a 72-year-old male with a history of heart failure, type II diabetes, and renal failure. He receives hemodialysis 3x/week at the local dialysis clinic. He received dialysis yesterday. Today, he complains of chills, nasal congestion, dry cough and lethargy.

### What should your next steps be?



# **Identifying Pathogens and Clinical Syndromes**

Accessible version: https://www.cdc.gov/infectioncontrol/guidelines/isolation/index.html



### 2007 Guideline for Isolation Precautions: Preventing Transmission of Infectious Agents in Healthcare Settings

Last update: July 2023

Jane D. Siegel, MD; Emily Rhinehart, RN MPH CIC; Marguerite Jackson, PhD; Linda Chiarello, RN MS; the Healthcare Infection Control Practices Advisory Committee

Acknowledgement: The authors and HICPAC gratefully acknowledge Dr. Larry Strausbaugh for his many contributions and valued guidance in the preparation of this guideline.

Suggested citation: Siegel JD, Rhinehart E, Jackson M, Chiarello L, and the Healthcare Infection Control Practices Advisory Committee, 2007 Guideline for Isolation Precautions: Preventing Transmission of Infectious Agents in Healthcare Settings https://www.cdc.gov/infectioncontrol/guidelines/isolation/index.html

https://www.cdc.gov/infectioncontrol/pdf/guidelines/Isolation-guidelines-H.pdf



# **Identifying Clinical Syndromes**

# Sections in Appendix A

Type and Duration of Precautions Recommended for Selected Infections and Conditions

Table 1. History of Guidelines for Isolation Precautions in Hospitals

<u>Table 2. Clinical Syndromes or Conditions Pending Confirmation of Diagnosis Warranting Empiric Transmission Based</u> <u>Precautions in Addition to Standard Precautions</u>

Table 3. Infection Control Considerations for High-Priority (CDC Category A) Diseases that May Result from Bioterrorist Attacks or are Considered to be Bioterrorist Threats

Table 4. Recommendations for Application of Standard Precautions for the Care of All Patients in All Healthcare Settings

Table 5. Components of a Protective Environment

Figure. Example of Safe Donning and Removal of Personal Protective Equipment (PPE)

https://www.cdc.gov/infectioncontrol/guidelines/isolation/appendix/index.html



Respiratory Infections	Cough/fever/upper lobe pulmonary infiltrate in an HIV-negative patient or a patient at low risk for human immunodeficiency virus (HIV) infection	<i>M. tuberculosis,</i> Respiratory viruses, <i>S.</i> <i>pneumoniae, S. aureus</i> (MSSA or MRSA)	Airborne Precautions plus Contact precautions
Respiratory Infections	Cough/fever/pulmonary infiltrate in any lung location in an HIV-infected patient or a patient at high risk for HIV infection	<i>M. tuberculosis,</i> Respiratory viruses, <i>S.</i> <i>pneumoniae, S. aureus</i> (MSSA or MRSA)	Airborne Precautions plus Contact Precautions Use eye/face protection if aerosol- generating procedure performed or contact with respiratory secretions anticipated. If tuberculosis is unlikely and there are no AllRs and/or respirators available, use Droplet Precautions instead of Airborne Precautions Tuberculosis more likely in HIV- infected individual than in HIV negative individual
Respiratory Infections	Cough/fever/pulmonary infiltrate in any lung location in a patient with a history of recent travel (10-21 days) to countries with active outbreaks of SARS, avian influenza	<i>M. tuberculosis</i> , severe acute respiratory syndrome virus (SARS- CoV), avian influenza	Airborne plus Contact Precautions plus eye protection. If SARS and tuberculosis unlikely, use Droplet Precautions instead of Airborne Precautions.
Respiratory Infections	Respiratory infections, particularly bronchiolitis and pneumonia, in infants and young children	Respiratory syncytial virus, parainfluenza virus, adenovirus, influenza virus, <i>Human</i> <i>metapneumovirus</i>	Contact plus Droplet Precautions; Droplet Precautions may be discontinued when adenovirus and influenza have been ruled out

Table 2. Clinical Syndromes or<br/>Conditions PendingConfirmation of DiagnosisWarranting EmpiricTransmission BasedPrecautions in Addition to<br/>Standard Precautions



https://www.cdc.gov/infectioncontrol/guidelines/isolation/appendix/transmission-precautions.html

# **Case Study: Respiratory Infection**

### Be conservative

- Consider implementing the highest level of precautions as indicated for the suspected pathogen(s)
- Implement COVID-19 TBP until SARS-CoV-2 ruled out
  - HCPs who enter the room of a resident with a suspected or confirmed SARS-CoV-2 infection should adhere to Standard Precautions and use a NIOSH-approved particulate respirator with N95 filters or higher, gown, gloves and eye protection (i.e., goggles or a face shield that covers the front and sides of the face).



# **Case Study: Respiratory Infection Confirmed**

Mr. Jones has been a resident at Sunshine Health Nursing Facility for the past year. Mr. Jones is a 72-year-old male with a history of heart failure, type II diabetes and renal failure. He receives hemodialysis 3x/week at the local dialysis clinic. He received dialysis yesterday. Today, he complains of chills, nasal congestion, dry cough and lethargy.

The nurse reported the findings to the clinical team and IP. Empiric COVID-19 transmission-based precautions were implemented until SARS-CoV-2 could be ruled out. The resident tested for other respiratory viruses. The results are:

- SARS-CoV-2 antigen and PCR test: Negative
- RSV antigen and PCR test: Negative
- Rapid Influenza: Negative
  - Influenza PCR Test: Positive/Influenza A

### What should your next steps be?



### <u>Guideline for Isolation Precautions: Preventing Transmission of Infectious Agents in</u> <u>Healthcare Settings (2007)</u>

Influenza Human (seasonal influenza)		5 	See <u>Prevention Strategies for Seasonal Influenza in</u> <u>Healthcare Settings</u> (https://www.cdc.gov/flu/professionals/infectioncontrol/health <u>caresettings.htm</u> accessed September 2018). [Current version of this document may differ from original.] for current seasonal influenza guidance.
Influenza Avian (e.g., H5N1, H7, H9 strains)		v ir ( 4 ( 0 ir	See [This link is no longer active: www.cdc.gov/flu/avian/professional/infect-control.htm. Similar nformation may be found at <u>Interim Guidance for Infection</u> <u>Control Within Healthcare Settings When Caring for</u> <u>Confirmed Cases, Probable Cases, and Cases Under</u> <u>Investigation for Infection with Novel Influenza A Viruses</u> <u>Associated with Severe Disease</u> (https://www.cdc.gov/flu/avianflu/novel-flu-infection- control.htm accessed September 2018)] for current avian nfluenza guidance.
Influenza Pandemic Influenza (also a human influenza virus)	Droplet + Standard	S h fr <u>F</u> Q iii	See [This link is no longer active: http://www.pandemicflu.gov. Similar information may be found at Interim Guidance for Infection Control Within Healthcare Settings When Caring for Confirmed Cases, Probable Cases, and Cases Under Investigation for Infection with Novel Influenza A Viruses Associated with Severe Disease (https://www.cdc.gov/flu/avianflu/novel-flu-infection- control.htm accessed September 2018)] for current pandemic nfluenza guidance.



# Case Study: Influenza

- Droplet precautions should be implemented for residents with suspected or confirmed influenza for seven days after illness onset or until 24 hours after the resolution of fever and respiratory symptoms.
- Place residents with suspected or confirmed influenza in a private room or area.
- HCP should don a facemask when entering the room of a resident with suspected or confirmed influenza. Remove the facemask when leaving the resident's room, dispose of the facemask in a waste container, and perform hand hygiene.
- If a resident under droplet precautions requires movement or transport outside of the room:
  - Have the resident wear a facemask, if possible, and follow respiratory hygiene, cough etiquette and hand hygiene.
  - Communicate information about residents with suspected, probable, or confirmed influenza to appropriate personnel before transferring them to other departments in the facility (e.g., radiology, laboratory) or to other facilities.



## **Case Example: Respiratory Infection-Influenza**

#### Identify the pathogen

Influenza

#### Containment

- Empiric COVID-19 TBP initiated at time symptoms reported
- •Transitioned to Droplet precautions following confirmatory testing
  - Duration: 7 days after illness onset or until 24 hours after the resolution of fever and respiratory symptoms, whichever is longer

#### Determine extent of transmission

- •Initiate active surveillance
- •Outbreak triggers?

#### Coordinate ongoing prevention activities

- •Implement treatment
- •Maintain precautions
- •Ensure PPE availability





## Case Study: Skin Rash

A covering physician is called to assess the resident, who has been complaining of itching for the past three days. There is a rash reported. (See picture). The staff is concerned it looks like herpes zoster/shingles. What do you think is going on?

A. ShinglesB. Fungal infectionC. ScabiesD. Cellulitis





# What is the next step?



### <u>Guideline for Isolation Precautions: Preventing Transmission of</u> <u>Infectious Agents in Healthcare Settings (2007)</u>

#### Guideline for Isolation Precautions: Preventing Transmission of Infectious Agents in Healthcare Settings (2007)

Infection/Condition	Type of Precaution	Duration of Precaution	Precautions/Comments
Herpes zoster (varicella-zoster) (shingles) Disseminated disease in any patient Localized disease in immunocompromised patient until disseminated infection ruled out	Airborne + Contact + Standard	Duration of illness	Susceptible HCWs should not enter room if immune caregivers are available; no recommendation for protection of immune HCWs; no recommendation for type of protection (i.e. surgical mask or respirator) for susceptible HCWs.
Herpes zoster (varicella-zoster) (shingles) Localized in patient with intact immune system with lesions that can be contained/covered	Standard	Until lesions dry and crusted	Susceptible HCWs should not provide direct patient care when other immune caregivers are available.



### <u>Guideline for Isolation Precautions: Preventing Transmission of</u> <u>Infectious Agents in Healthcare Settings (2007)</u>

#### Guideline for Isolation Precautions: Preventing Transmission of Infectious Agents in Healthcare Settings (2007)

Infection/Condition	Type of Precaution	Duration of Precaution	Precautions/Comments
Salmonellosis (see Gastroenteritis)			
Scabies	Contact + Standard	Until 24	
Scalded skin syndrome, staphylococcal	Contact + Standard	Duration of illness	See Staphylococcal Disease, scalded skin syndrome below.
Schistosomiasis (bilharziasis)	Standard		
Severe acute respiratory syndrome (SARS)	Airborne + Droplet + Contact + Standard	Duration of illness plus 10 days after resolution of fever, provided respiratory symptoms are absent or improving	Airborne preferred; Droplet if AIIR unavailable. N95 or higher respiratory protection; surgical mask if N95 unavailable; eye protection (goggles, face shield); aerosol-generating procedures and "supershedders" highest risk for transmission via small droplet nuclei and large droplets [93, 94, 96]. Vigilant environmental disinfection (see [This link is no longer active: www.cdc.gov/ncidod/sars]. Similar information may be found at CDC <u>Severe Acute Respiratory Syndrome (SARS)</u> (https://www.cdc.gov/sars/index.html accessed September 2018).)



## Case Study: Skin Rash

A covering physician is called to assess the resident, who has been complaining of itching for the past three days. There is a rash reported. (See picture). The staff is concerned it looks like herpes zoster/shingles. What do you think is going on?

- A. Shingles
- B. Fungal infection
- C. Scabies
- D. Cellulitis





# Case Study: Why the Skin Rash Is Not Shingles?









# **Case Study: Non-Crusted Scabies**

### Be conservative

• Consider implementing the highest level of precautions as indicated for the suspected pathogen(s)

### Implement Contact Precautions

- Maintain records with resident name, age, sex, room number, roommate(s) name(s), skin scraping status and result(s), and name(s) of all staff who provided hands-on care to the resident before implementation of infection control measures
  - Symptoms can take up to two months to appear in exposed persons and staff.
- Avoid direct skin-to-skin contact with any resident who has or is suspected to have scabies.
- Use gloves and gown when giving hands-on care to any resident who is suspected or confirmed to have scabies; wash hands thoroughly after providing care to any resident.
- Machine wash and dry bedding and clothing of scabies residents using the hot water and hot dryer cycles.
- Environmental disinfestation is neither necessary nor warranted.
  - Routine cleaning and vacuuming of the room should be done if and when a resident with non-crusted scabies leaves the facility or moves to a new room.



### **Case Example: Non-Crusted Scabies**

#### Identify the pathogen

• Non-crusted Scabies

#### Containment

- Empiric Contact Precautions initiated at time rash reported and maintained after confirmatory diagnosis/testing
  - Duration: Maintain until 24hrs after treatment initiated

#### Determine Extent of Transmission

- Initiate active surveillance
- Outbreak triggers?

#### Coordinate ongoing prevention activities

- Implement treatment
- Ensure PPE availability
- Maintain standards and implement TBP if clinical condition worsens precautions





# **Coordinate Ongoing Prevention Activities and Policies**

- Personal protective equipment (PPE) supplies and availability
- TBP Signage
- Equipment designation
- Resident and family
   communication/education
- Enhanced cleaning and disinfection
- Consider revising your IPC policies and procedures to address the following:
  - TBP determined
  - Authorization of TBP
  - Validation of appropriateness of TBP
  - Signage placement
  - Communication and education for staff, residents, and family
  - TBP-related audits
    - PPE use
    - PPE supplies
    - Signage



#### Standard Precautions: Observation of Personal Protective Equipment Provision

5

Instructions: Observe patient care areas or areas outside of patient rooms. For each category, record the observation. In the column on the right, sum (across) the total number of "Yes" and the total number of observations ("Yes" + "No"). Sum all categories (down) for overall performance.

Standard Precautions: Observation Categories		Room Room		R	Room		Room		oom	Summary of Observations			
Stan	uard Frecautions. Observation categories	1		1 2		3		4		5		Yes	Total Observed
1	Are gloves readily available outside each patient room or any point of care?		Yes No		Yes No		Yes No		Yes No		Yes No		
2	Are cover gowns readily available near each patient room or point of care?		Yes No		Yes No		Yes No		Yes No		Yes No		
3	Is eye protection (face shields or goggles) readily available near each patient room or point of care?		Yes No		Yes No		Yes No		Yes No		Yes No		
4	Are face masks readily available near each patient room or point of care?		Yes No		Yes No		Yes No		Yes No		Yes No		
5	Are alcohol dispensers readily accessible and functioning?		Yes No		Yes No		Yes No		Yes No		Yes No		

#### https://www.cdc.gov/infectioncontrol/pdf/QUOTS/St andard-Precautions-PPE-Provision-P.pdf



### **Important Points**

High degree of suspicion (Identification)

Containment (Implementation of TBP)

Surveillance and testing (Determine extent of transmission)

Mapping (Determine extent of transmission)

Risk assessment & audits (Coordinate ongoing IPC activities)





Boost Event: Codifying Transmission and Containment Prevention | 12.7.23

https://www.youtube.com/watch?v=6phsvwbhmCk







### Thank You for Your Time! Contact the AHS Patient Safety Team <u>Patientsafety@allianthealth.org</u>



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### Nursing Home and Partnership for Community Health: CMS 12th SOW GOALS







Promote opioid best practices

Reduce opioid adverse drug events in all settings PATIENT SAFETY

Reduce hospitalizations due to c. diff

> Reduce adverse drug events

Reduce facility acquired infections



CHRONIC DISEASE SELF-MANAGEMENT

Increase instances of adequately diagnosed and controlled hypertension

Increase use of cardiac rehabilitation programs

Reduce instances of uncontrolled diabetes

Identify patients at highrisk for kidney disease and improve outcomes



#### CARE COORDINATION

Convene community coalitions

Reduce avoidable readmissions, admissions to hospitals and preventable emergency department visits

Identify and promote optimal care for super utilizers



#### COVID-19

Support nursing homes by establishing a safe visitor policy and cohort plan

Provide virtual events to support infection control and prevention

Support nursing homes and community coalitions with emergency preparedness plans



IMMUNIZATION

Increase influenza,

pneumococcal,

and COVID-19

vaccination rates



#### TRAINING

Encourage completion of infection control and prevention trainings by front line clinical and management staff



### Making Health Care Better Together



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