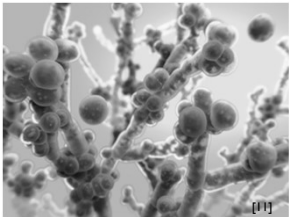


Infection Prevention and Control

During Wound Rounds

Melissa Bray, MD, CWSP
Vohra Wound Physicians
Vohra Fellowship Director

1



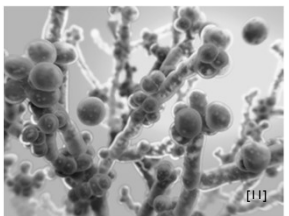
Candida auris
(C. auris)

Odorless

Cannot be seen

Transmitted via any
object or skin

2



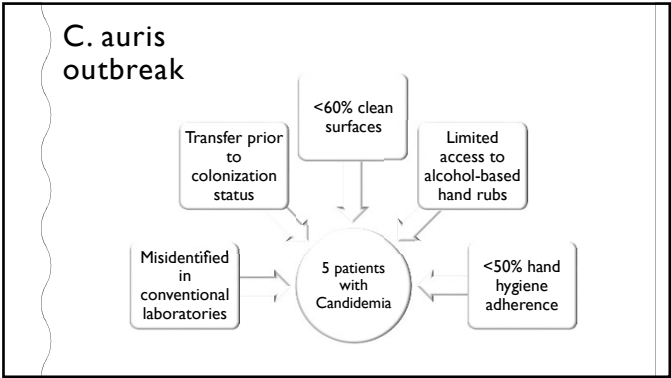
Candida auris
(C. auris)

Candida septicemia [2]

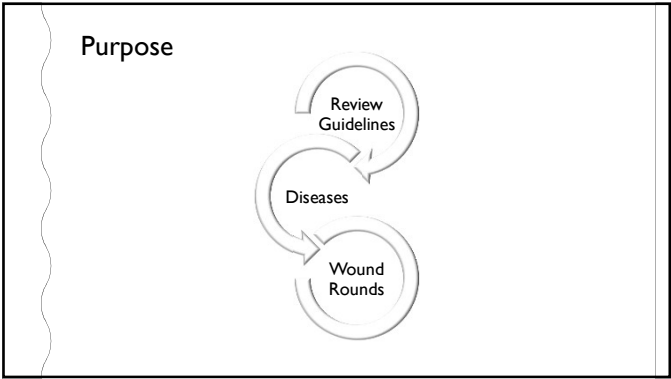
High morbidity

35% death rate [1,3]

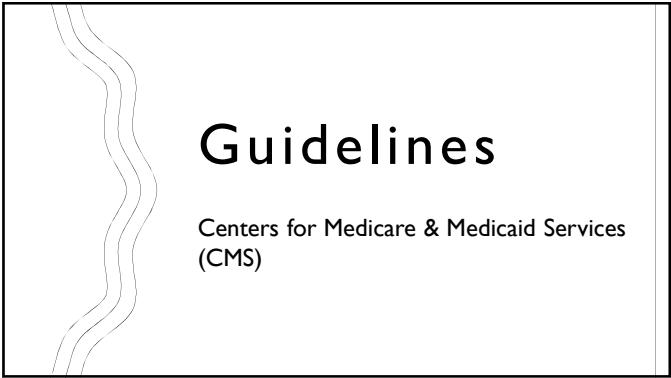
3



4



5



6

Surveyor Guidance

1. Infection Prevention and Control Program (IPCP) [6]

2. Antibiotic Stewardship Program [6]

3. Infection Preventionist [6]

4. Influenza and Pneumococcal Immunizations [6]

7

Infection Prevention and Control Program (IPCP)

483.80(a)

8

Infection Prevention and Control Program (IPCP)

“...preventing

identifying

reporting

investigating

controlling...”

[6]

9

Infection Prevention and Control Program (IPCP)

“...for all

residents, staff, volunteers, visitors, and other individuals

providing services...” [6]

10

Infection Prevention and Control Program (IPCP)

“A system for recording

incidents


identified under the facility’s IPCP and the

corrective actions

taken by the facility” [6]

11

Antibiotic Stewardship Program



12

Resistance

	Antibiotics
Target Bacteria & other sensitive bacteria	→ killed
Inhibited bacteria	→ Make adaptive changes in their DNA → Resistance
Resistant bacteria	→ survive, replicate, and share drug resistant DNA

[8]

13

Resistance

Super infection

Hypersensitivity reaction [16, 18]

Avoid General Use

May use for these high-risk superficial wounds

Accidental wounds

Lacerations

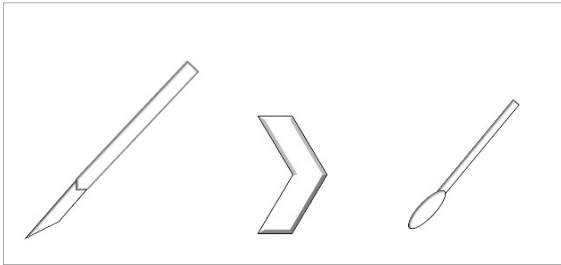
Abrasions

Burns [18]

Topical Antibiotic Use

14

Wound Cultures



[18]

15

What is the title of the lead role in the Infection Prevention and Control Program (IPCP)?

A

DIRECTOR OF NURSING

B

ADMINISTRATOR

C

WOUND NURSE

D

INFECTION PREVENTIONIST

E

INFECTIOUS DISEASE NP

16

Infection Preventionist

483.80(b)

17

Infection Preventionist

11/29/2019

Lead infection prevention

Promote appropriate antibiotic use

Report to the Quality Assessment and Assurance Committee

[6]

18

Influenza and Pneumococcal Immunizations

483.80(d)

19

Influenza and Pneumococcal Immunizations

Must be offered to residents

- Advisory Committee on Immunization Practices (ACIP)
- Center for Disease Control (CDC) guidelines

[6]

20

Summary of Guidelines

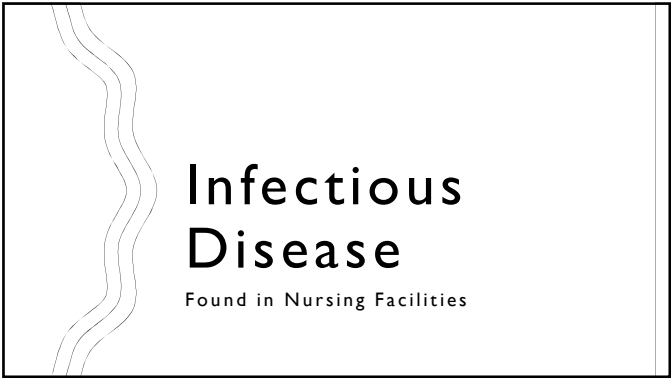
IPCP

Antibiotic Stewardship

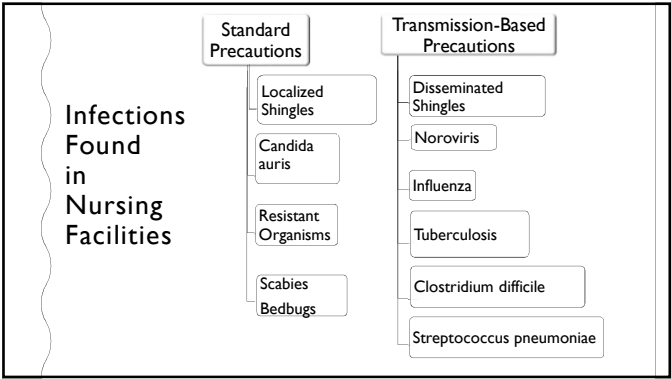
Immunizations

Infection Preventionist

21



22

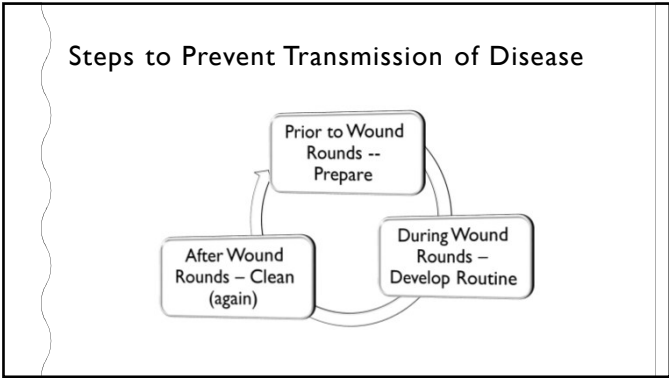


23

Which of the following statements is true regarding infectious disease precautions?

- A Disseminated Shingles requires Standard Precautions.
- B Candida auris requires Transmission-Based Precautions.
- C Localized Shingles requires Transmission-Based Precautions.
- D Candida auris requires Standard Precautions.

24



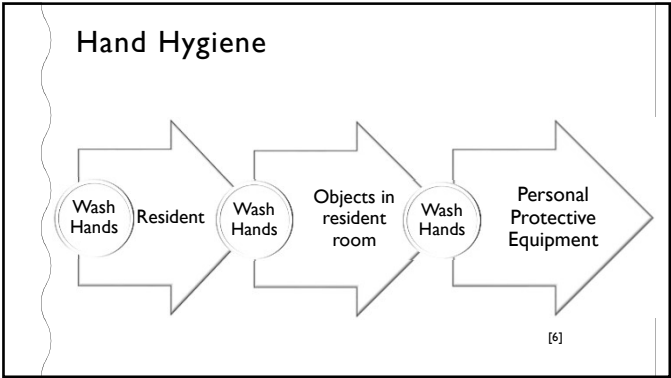
25

- Prior to Rounds
- Clean computer with alcohol wipes
 - Clean Uniform
 - Do not wear dangling accessories
 - Ensure that hair is in place
 - Keep nail tips to ¼ inch in length or less [8]
 - Bring own cleaning supplies as needed
 - Do not round if sick

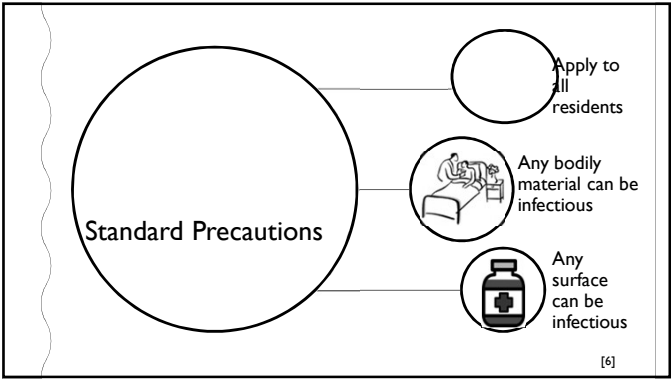
26

Standard Precautions

27



28



29

Which scenario best describes **when** to use a gown, mask, eye protection, or face shield in addition to standard precautions during patient care?

- A When the nurse anticipates possible exposure to a transmissible disease
- B Once the technician has picked up labs and cultures for work-up of possible transmissible disease
- C Once the nurse obtains culture and labs for work-up of possible transmissible disease
- D When the MD or NP gives an order for Transmission-Based Precautions


30



During Wound Rounds

Standard Precautions

31



Prep-Work


Place computer onto cart that has been cleaned with bleach

Have new cleaning materials, measuring sticks, and surgical tools for each wound

Place supplies on clean tray covered with protective barrier

Place tray on clean surface in room

32



Hand Hygiene
During Patient Encounter

Prior to each overall patient encounter

After each individual wound cleansing, measurement, procedure, and dressing change

After each overall patient encounter

Clean paper towel to turn off faucet

33

Clean-up

Clean anesthetic spray canister with alcohol wipe after each use

Physician discards surgical tools into sharps container at point of usage

Remove gloves prior to leaving room even if returning shortly

Hand hygiene as leave room

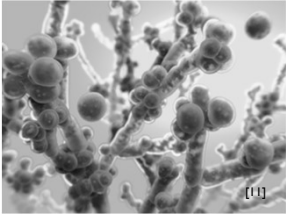
34

What if after taking off gloves and using hand sanitizer upon leaving the room, the patient calls you back into the room for further questions...and after answering the questions you use the door handle to exit the room to go to the nurses station to wash your hands but fail to use a clean paper towel to turn the water off?

No Clean Paper Towel

Clean Paper Towel

35



Candida auris

Alcohol-based hand sanitizer

Single-patient room

Chlorine-based^[11] products

[8]

36

Between Patients

Dispose of waste material into secured bag

Clean hands and change carts between units and floors

37

Transmission-Based Precautions

38

Transmission-Based Precautions

Symptoms before and after confirmed lab results [6,9]

Airborne

Contact

Droplet

[6,9]

39

A
i
r
b
o
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n
e

Tuberculosis, chickenpox, measles, [9] and disseminated shingles [8]

Respirator: N95 mask [9] blocks 95% of particles [10]

Negative pressure room [9]

40

C
o
n
t
a
c
t

Clostridium difficile, norovirus [9], disseminated shingles [8]

Resistant bacteria and multidrug resistant organisms (MDRO)

Gown, Gloves [9], and mask if contact with stool associated with Clostridium difficile [8]

41


D
r
o
p
l
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t

Influenza, whooping cough [9]

Germs can travel 90 centimeters with coughing, sneezing, or just talking [9]

Surgical mask [9]

42



During Wound Rounds

Transmission-Based Precautions

43

With _____
Transmission
Based
Precautions

Put on gown (and mask) prior to patient encounter

Remove gown (and mask) before leaving room

Take off gown prior to taking off gloves, then take off mask

44

With _____
Transmission
Based
Precautions

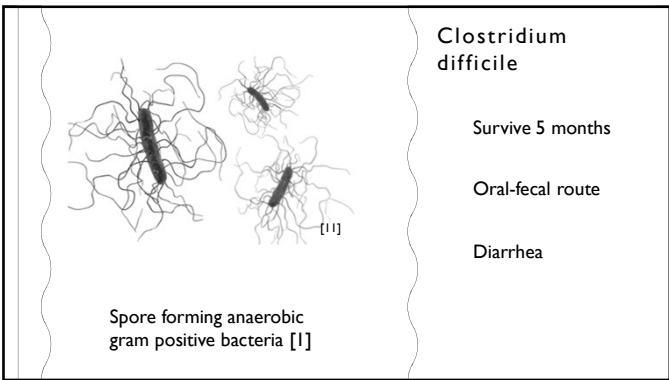
New gown (and mask) upon re-entering room

Cannot take unused supplies in and out of room

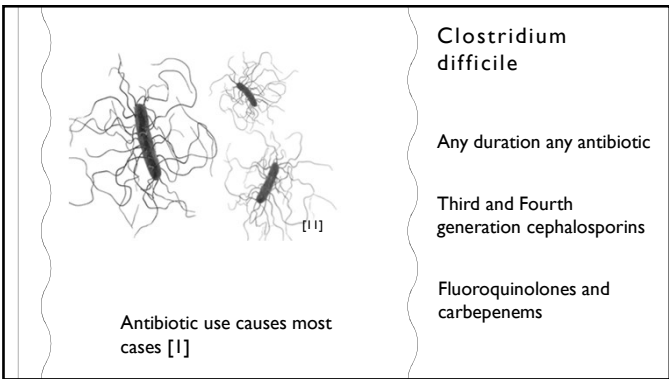
45



46



47



48

After
Wound
Rounds

Clean computer with alcohol wipe.

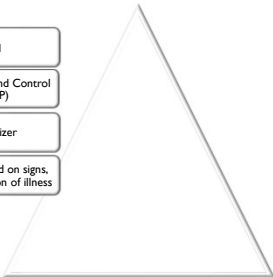
Wash hands before leaving facility.

Clean bottom of shoes.

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Key Points

- Be Prepared
- Infection Prevention and Control Program (IPCP)
- Use Hand Sanitizer
- Use precautions based on signs, symptoms and suspicion of illness



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