



## Precautions - Stop the Spread!

-Residents with MRSA should have their own dedicated equipment

-hand washing

-For patients with MRSA:

1. Health-care providers should use contact isolation procedures.

2. Visitors also may be asked to wear gowns and/or gloves.

-MRSA can live days, weeks or months outside of the body on items such as bathroom fixtures, wheelchairs and bedding/towels depending on the environment.

Some studies suggest that

MRSA can live up to 90 days.

HAND WASHING IS  
THE FIRST LINE OF  
PREVENTING DEFENSE

Infection control department

## Methicillin-resistant Staphylococcus aureus



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# MRSA

## DEFINATION

**MRSA** stands for methicillin-resistant *Staphylococcus aureus* (*S. aureus*) bacteria. This organism is known for causing skin infections in addition to many other types of infections. In addition, these organisms have been termed "flesh-eating bacteria" because of their occasional rapid spread and destruction of human skin .



## SIGN AND SYMPTOMES

-**Cellulitis** (infection of the skin or the fat and tissues that lie immediately beneath the skin, usually starting as small red bumps in the skin with some areas resembling a bruise).



-**Boils** (pus-filled infections of hair follicles) .

-**Abscesses** (collections of pus in or under the skin; see Fig. 2).

-**Sty** (an infection of an oil gland of the eyelid) .

**Carbuncles** (infections larger than an abscess, usually with several openings to the skin).

## MODE OF TRANSMISSION

MRSA infections can be contagious from person to person; occasionally direct contact with a MRSA-infected person is not necessary because the bacteria can also be spread by people who touch materials or surfaces contaminated with MRSA organisms



## TREATMENT

1. First-line treatment for mild abscesses is incision and drainage. If antibiotic treatment is clinically indicated, it should be guided by the susceptibility profile of the organism .

2. Infection control



## Environmental Cleaning:

Its importance to keep healthcare providers and visitors healthy. This includes cleaning the resident's room as well as equipment.

