

# GUARD AGAINST MRSA



**BETCO.**

# What is MRSA?



## Methicillin Resistant Staphylococcus aureus

- 25-30% of population already have Staph. aureus present in their system without any signs of illness
- Originally found in healthcare settings (HA-MRSA)
  - Treated with common antibiotics
  - Organism built resistance to common antibiotics - require longer more expensive treatments – recurrence common

# What is CA-MRSA



## Community Associated MRSA

- Recently (~5 years ago) MRSA surfaced in the community
  - specifically athletic settings in schools
- CA-MRSA case involves someone who has not been hospitalized or had a medical procedure within the last year
- Infections in community seen as skin infections, such as pimples or boils

**CDC/EPA MAKES NO DISTINCTION BETWEEN HA-MRSA AND CA-MRSA**

# How does MRSA Spread?



## Routes of Transmission

- Lives on the skin and easily spreads through direct contact on people's hands
- Seeks a potential cut or abrasion to enter the bloodstream
- Spreads through sharing of towels, clothing, bedding and equipment
- Can survive on surfaces under normal conditions, up to 24 hours & in extreme cases up to 7-10 days

# Preventing MRSA in Schools



## **INSTITUTE THE FOLLOWING POLICIES:**

- **Proper hand washing program**
  - Emphasize with students, faculty, athletes and coaches
  - If soap is not present use an alcohol based sanitizer
- **Do not share towels, soap, or other personal care items**
- **Wash towels and uniforms in hot water with ordinary detergents and dry on the hottest cycle**
  - Inform parents of laundering techniques if items are sent home.
- **Clean the athletic area or equipment using a disinfectant cleaner with demonstrated efficacy against MRSA**
- **Athletes must inform the training staff of any infections and the athlete cannot participate in contact activities until the trainer has approved their return**

**HAVE ATHLETES AND PARENTS SIGN THE POLICY!**

# PREVENTION PROGRAM



**Cleaner/disinfectant products have demonstrated proven efficacy against MRSA**

- **Fight Bac RTU** – Broad Spectrum RTU Disinfectant Cleaner
- **pH7Q/pH7Q Ultra** – Neutral Disinfectant Cleaner
- **Quat Stat/Quat Stat SC** – Heavy Duty Disinfectant Cleaner



# PREVENTION PROGRAM



**Cleaner/disinfectant products have demonstrated proven efficacy against MRSA**

- **AF79 Concentrate** — Restroom Disinfectant Cleaner
- **Green Earth<sup>®</sup> Daily Disinfectant Cleaner** — Environmentally Preferable Disinfectant Cleaner
- **Tb Plus Spray** — Aerosol Spray Disinfectant Cleaner



## SKIN CARE

- **Clario™ Instant Hand Sanitizer** – where water is not present
- **Clario™ Healthcare Personnel Hand Cleaner** – proven efficacy against MRSA
- **Clario™ Soft Plus Skin Care Cream** – maintains skin integrity by eliminating chapping, chafing, and cracking when skin is dry



## Wound Care Procedures

- Consider the wound infected if there is any purulent drainage (pus) present
  - Treat any drainage wound as a potential MRSA infection
- Separate the infected individual from others and make sure they see a physician
- The wound must remain covered and dressings changed at least twice a day
- Wash hands frequently when changing dressings or bandages
- Avoid contact with other people's wounds or bandages if possible

# Wound Care Procedures



- Separate laundry that come in contact with a wound and wash in hot water and dry on the hottest setting
- Avoid sharing personal items such as towels or razors
- Disinfect areas that may come in direct contact with infection with products that meet the requirements of the bloodborne pathogen standard:
  - **Fight Bac RTU**- Broad Spectrum RTU Disinfectant Cleaner
  - **pH7Q/pH7Q Ultra** – Neutral Disinfectant Cleaner
  - **Quat Stat/Quat Stat SC** – Heavy Duty Disinfectant Cleaner
  - **Green Earth<sup>®</sup> Daily Disinfectant Cleaner** –Environmentally Preferable Disinfectant Cleaner

# Additional Resources



[www.cdc.gov/Features/MRSAinSchools/](http://www.cdc.gov/Features/MRSAinSchools/)

[www.cdc.gov/ncidod/dhqp/ar\\_mrsa\\_ca.html](http://www.cdc.gov/ncidod/dhqp/ar_mrsa_ca.html)

[www.mayoclinic.com/health/mrsa/DS00735](http://www.mayoclinic.com/health/mrsa/DS00735)

[www.cdc.gov/features/MRSA](http://www.cdc.gov/features/MRSA)