



Guidance for Schools for Dealing with a MRSA Infection

From the Mid-Michigan District Health Department

What type of infections does MRSA cause?

- MRSA infections are skin infections that may appear as pustules or boils which often are red, swollen, and/or have pus. These skin infections commonly occur at sites of visible skin trauma, such as cuts and abrasions, and areas of the body covered by hair (e.g., back of neck, groin, buttock, armpit, beard area of men).
- Almost all MRSA skin infections can be effectively treated by drainage of pus with or without antibiotics.

How is MRSA transmitted?

- MRSA is usually transmitted by direct skin-to-skin contact or contact with shared items or surfaces that have come into contact with someone else's infection (e.g., towels, used bandages).

How do I protect myself from getting MRSA? You can protect yourself by:

- practicing good hygiene (e.g., keeping your hands clean by washing with soap and water or using an alcohol-based hand sanitizer and showering immediately after exercise);
- covering cuts with a clean dry bandage until healed;
- avoiding sharing personal items (e.g., towels, razors) that come into contact with your bare skin; and using clothing or a towel between your skin and shared equipment such as weight-training benches;
- establish cleaning procedures for frequently touched surfaces and surfaces that come into direct contact with people's skin.

Should schools close because of an MRSA infection?

- The decision to close a school for any communicable disease should be made by school officials in consultation with local and/or state public health officials. However, **in most cases, it is not necessary** to close schools because of an MRSA infection in a student. It is important to note that MRSA transmission can be prevented by simple measures such as hand hygiene and covering infections.

Should schools close to disinfect when MRSA infections occur?

In general it is not necessary to close schools to "disinfect" them when MRSA infections occur. MRSA skin infections are **transmitted primarily by skin-to-skin contact and contact with surfaces** that have come into contact with someone else's infection.

- When MRSA skin infections occur, cleaning and disinfection should be performed on surfaces that are likely to contact uncovered or poorly covered infections.
- Cleaning surfaces with detergent-based cleaners or registered disinfectants is effective at removing MRSA from the environment.
- Environmental cleaners and disinfectants **should not be used** to treat infections.
- The EPA provides a list of EPA-registered products effective against MRSA:
<http://epa.gov/oppad001/chemregindex.htm>

Should the entire school community be notified of every MRSA infection?

- Usually, it should not be necessary to inform the entire school community about a single MRSA infection. When an MRSA infection occurs within the school population, the school nurse and school physician should determine, based on their medical judgment, whether some or all students, parents and staff should be notified. Consultation with the local public health authorities should be used to guide this decision.

- Remember that staphylococcus (staph) bacteria, including MRSA, have been and remain a common cause of skin infections.

Should students with MRSA skin infections be excluded from attending school?

- Unless directed by a physician, students with MRSA infections should not be excluded from attending school.
- Exclusion from school should be reserved for those with wound drainage ("pus") that cannot be covered and contained with a clean, dry bandage and for those who cannot maintain good personal hygiene.
- Students with active infections should be excluded from activities where skin-to-skin contact is likely to occur (e.g., sports) until their infections are healed.

I have an MRSA skin infection. How do I prevent spreading it to others?

- Cover your wound. Keep wounds that are draining or have pus covered with clean, dry bandages until healed. Follow your healthcare provider's instructions on proper care of the wound. Pus from infected wounds can contain staph, including MRSA, so keeping the infection covered will help prevent the spread to others. Bandages and tape can be discarded with the regular trash.
- Clean your hands frequently. You, your family, and others in close contact should wash their hands frequently with soap and water or use an alcohol-based hand sanitizer, especially after changing the bandage or touching the infected wound.
- Do not share personal items. Avoid sharing personal items, such as towels, washcloths, razors, clothing, or uniforms, that may have had contact with the infected wound or bandage. Wash sheets, towels, and clothes that become soiled with water and laundry detergent. Use a dryer to dry clothes completely.

Practical Advice for Teachers

- If you observe children with open draining wounds or infections, refer the child to the school nurse.
- Enforce hand hygiene with soap and water or alcohol-based hand sanitizers before eating and after using the bathroom.

Advice for School Health Personnel

- Students with skin infections may need to be referred to a licensed health care provider for diagnosis and treatment. School health personnel should notify parents/guardians when possible skin infections are detected.
- Use standard precautions (e.g., hand hygiene before and after contact, wearing gloves) when caring for non-intact skin or potential infections.
- Use barriers such as gowns, masks and eye protection if splashing of body fluids is anticipated.

For more information on MRSA and other Public Health Issues, visit us on the web at:

www.mmdhd.org

Or call your local Health Department office at:

Clinton	989/227-3111
Gratiot	989/875-1019
Montcalm	989/831-3615

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