

## Diagnosis

## Clinical Presentation

### [Clinical-clipboard Present](#)

Though physical exam alone cannot differentiate between streptococcal and staphylococcal, non-bullous impetigo, a subjective history including time of lesion onset, exposure to other infected individuals, evolution of the lesion over time, associated signs and symptoms and gram stain testing or culturing of exudate from the lesion provides an ample amount of clinical data for a plan of care. Often, diagnostic testing is not required in uncomplicated presentations of impetigo.

## Treatment

### Antibiotics

#### [ABX-guy](#)

Uncomplicated Impetigo can resolve without medical intervention within 2-3 weeks, but treatment shortens the disease presence significantly. Topical or oral antibiotics targeting group A streptococcus and *S. aureus* are indicated for the treatment of impetigo. Clinical presentation and severity of disease (e.g. a few lesions versus disseminated and/or severe presentation) will dictate whether a topical vs. oral constitution is needed. The most common topical antibiotics include mupirocin or retapamulin, while oral antibiotics include cephalosporins or dicloxacillin.

## Prevention

### Hygiene

#### [High-jeans](#)

During initial infection and up to 48 hours into treatment duration, a person is considered highly infectious and should be observant not to touch open lesions, improve hand hygiene, and practice social distancing. Hygiene practice should include washing the affected areas with soap and water, and covering them with a loose bandage or clothing. Clothing and sheets in contact with the infected person should be washed at a high temperature during and after 48 hours of treatment.

### Return to Work or School

#### [Back to School and Work](#)

Once the lesions are crusted over, dried up or after a 24 hour waiting period from treatment onset, a person is safe to return to work or school with a lower transmission threshold. It is equally important to ensure any porous or non-porous personal items brought to or kept at work or school are cleaned with an appropriate antibacterial agent to further decrease risk of transmission.

## Complications

### Post-streptococcal Glomerulonephritis

#### [Post Stripper Glow-mare](#)

A delayed and non-suppurative (non-exudate producing) complication often occurs within 1-2 weeks following an impetigo infection. It is a rare and emergent complication affecting vasculature of the kidneys, leading to hematuria or reddish-brown colored urine, abdominal discomfort or swelling, hypertension and oliguria.

### Rheumatic Fever

#### [Roman Fever-beaver](#)

A complication associated with and following a group A infection, including impetigo, rheumatic fever presents as a disseminated, pink rash across the body with systemic signs and symptoms including nausea and vomiting, lymphadenopathy and pain. It is not typically emergent, but requires medical intervention, such as bed rest until fever and sedimentation rate decreases. Plus a return to baseline of resting pulse rate and ECGs.

## **Staphylococcal Scalded Skin Syndrome**

### **Staff-oreo Scalded Skin**

Toxin-producing *S. aureus* can lead to excessive blistering of the skin if systemic or multiple surfaces are affected. Signs and symptoms include fever, large surface areas of dermal involvement with a scalded or peeling presentation, and severe pain. This condition is emergent and will require intensive management including intravenous antibiotics.