## Group Strep Explained: A Comprehensive Guide to Understanding and Managing Group A Streptococcus Infections

Group A Streptococcus (GAS),also known as group strep, is a type of bacteria that can cause a wide range of infections, including strep throat, scarlet fever, impetigo, and invasive group A streptococcal disease (iGAS). GAS is a common bacteria that is found in the throat and on the skin of many healthy people. However, in some people, GAS can cause infection when it enters the body through a break in the skin or through contact with an infected person.

The symptoms of GAS infections can vary depending on the type of infection.

- Strep throat is characterized by a sore throat, fever, headache, and swollen lymph nodes.
- Scarlet fever is a rash that is caused by a toxin produced by GAS.
  The rash typically starts on the face and then spreads to the rest of the body. Other symptoms of scarlet fever include fever, headache, and sore throat.
- Impetigo is a skin infection that is caused by GAS. Impetigo typically causes blisters that can become crusty and itchy.
- iGAS is a serious infection that can occur when GAS enters the bloodstream. iGAS can cause a wide range of symptoms, including fever, chills, muscle aches, nausea, vomiting, and diarrhea. In severe cases, iGAS can lead to organ failure and death.

GAS infections are typically treated with antibiotics. The type of antibiotic that is used will depend on the type of infection. Penicillin is the antibiotic of choice for most GAS infections. However, some people may be allergic to penicillin, in which case another antibiotic will be used.



Group B Strep	<b>Explained</b> by Sara Wickham
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There is no vaccine to prevent GAS infections. However, there are a number of things that can be done to reduce the risk of infection, including:

Washing your hands frequently with soap and water 

Lending

- Covering your mouth and nose when you cough or sneeze н.
- Staying home from school or work if you are sick
- Avoiding contact with people who are sick

GAS is a common bacteria that can cause a wide range of infections. The symptoms of GAS infections can vary depending on the type of infection. GAS infections are typically treated with antibiotics. There is no vaccine to prevent GAS infections, but there are a number of things that can be done to reduce the risk of infection.

If you have any questions about GAS infections, please talk to your doctor.

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"A young girl is sitting in a doctor's office. She is looking at a book about group strep. The book is titled 'Group Strep Explained: A Comprehensive Guide to Understanding and Managing Group A Streptococcus Infections."



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