

Strep B Bacteria Pregnancy

Cefdinir It may also be used as an alternative antibiotic for those with a severe penicillin allergy. It may also be used as an alternative antibiotic Cefdinir, sold under the brand name Omnicef among others, is an antibiotic used to treat bacterial infections including bacterial pneumonia, other respiratory tract infections, otitis media, strep throat, and cellulitis. It is taken by mouth. bacterial pneumonia, other respiratory tract infections, otitis media, strep throat, and cellulitis d468449fe1

Streptococcus agalactiae GBS colonization of the vagina usually does not cause problems in healthy women; nevertheless, during pregnancy, it can Streptococcus agalactiae (also known as group B streptococcus or GBS) is a gram-positive coccus (round bacterium) with a tendency to form chains (as reflected by the genus name Streptococcus). that the bacteria are human cells. It is a beta-hemolytic, catalase-negative, and facultative anaerobe d468449fe1

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It is a third-generation cephalosporin antibiotic and works by interfering with a bacteria's ability to make a cell wall, resulting in its death. *S. agalactiae* is the most common human pathogen of streptococci belonging to group B of the Rebecca Lancefield classification of streptococci. GBS are surrounded by a bacterial capsule composed of polysaccharides (exopolysaccharide). The species is subclassified into ten serotypes (Ia, Ib, II-IX) depending on the immunologic reactivity of their polysaccharide capsule. The most severe form of group B streptococcal disease is neonatal meningitis in infants, which is frequently lethal and can cause permanent neuro-cognitive impairment.

Prenatal testing Non-Stress Test (NST)". Retrieved December 1, 2023. org. "Group B Strep and Pregnancy". American Pregnancy Association. April 26, 2012. acog. www. Retrieved December

S. agalactiae was recognized as a pathogen in cattle by Edmond Nocard and Mollereau in the late 1880s. It can cause bovine mastitis (inflammation of the udder) in dairy cows. The species name "agalactiae" meaning "no milk", alludes to this. Its significance as a human pathogen was first described in 1938, and in the early 1960s, GBS came to be recognized as a major cause of infections in newborns. In most people, *Streptococcus agalactiae* is a harmless

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commensal bacterium that is part of the normal human microbiota colonizing... d468449fe1

CAMP test Though not strongly beta-hemolytic on its own, group B strep presents with wedge-shaped colonies in the presence of *Staphylococcus aureus*. *Streptococcus agalactiae* d468449fe1

Streptococcus species play a large role in human health and disease. Most exist as commensally as parts of the human microbiome, for example... d468449fe1 The species name is derived from Greek words meaning 'a chain' (streptos) of berries (coccus [Latinized from kokkos]) and pus (pyo)-forming (genes), since a number of infections caused by the bacterium produce pus. The main criterion for differentiation between *Staphylococcus* spp. and *Streptococcus* spp. is the catalase test. Staphylococci are catalase positive whereas streptococci are catalase-negative. *S. pyogenes* can be cultured on fresh blood agar plates. The PYR test allows for the differentiation of *Streptococcus pyogenes* from other morphologically similar beta-hemolytic streptococci (including... d468449fe1

Streptococcus pyogenes The name group A (beta-hemolytic) *Streptococcus* is thus also used. *S.* These bacteria are extracellular, and made up of non-motile and *Streptococcus pyogenes* is

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a species of Gram-positive, aerotolerant bacteria in the genus *Streptococcus*. These bacteria are extracellular, and made up of non-motile and non-sporing cocci (round cells) that tend to link in chains. pyogenes is the predominant species harboring the Lancefield group A antigen, and is often called group A *Streptococcus* (GAS). pyogenes is a species of Gram-positive, aerotolerant bacteria in the genus *Streptococcus*. They are clinically important for humans, as they are an infrequent, but usually pathogenic, part of the skin microbiota that can cause group A streptococcal infection d468449fe1

Streptococcus Table: Medically relevant streptococci When alpha-hemolysis *Streptococcus* (from Ancient Greek στρεπτός (streptós) 'twisted' and κόκκος (kókkos) 'grain') is a genus of gram-positive spherical bacteria that belongs to the family Streptococcaceae, within the order Lactobacillales (lactic acid bacteria), in the phylum Bacillota. This differs from staphylococci, which divide along multiple axes, thereby generating irregular, grape-like clusters of cells. Most streptococci are oxidase-negative and catalase-negative, and many are facultative anaerobes (capable of growth both aerobically and anaerobically). beta-hemolytic streptococci of Lancefield groups A and B (also known as "group A strep" and "group B strep"). Cell division in streptococci occurs along a single axis, thus when growing they tend to form pairs or chains, which may appear bent or twisted d468449fe1

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Common side effects include diarrhea, nausea, and a skin rash. Serious side effects may include *Clostridioides difficile* infection, anaphylaxis, and Stevens–Johnson syndrome. Use in pregnancy and breastfeeding is believed to be safe but has not been well studied. d468449fe1

Clarithromycin This includes strep throat, pneumonia, skin infections, H. an antibiotic used to treat various bacterial infections. pylori infection, and Lyme disease d468449fe1

Group B streptococcal infection Infection with GBS can cause serious illness and sometimes death, especially in newborns, the elderly, and people with compromised immune systems. Group B streptococcal infection, also known as Group B streptococcal disease or just Group B strep infection, is the infectious disease caused by the bacterium Group B streptococcal infection, also known as Group B streptococcal disease or just Group B strep infection, is the infectious disease caused by the bacterium *Streptococcus agalactiae*. *Streptococcus agalactiae* is the most common human pathogen belonging to group B of the Lancefield classification of streptococci—hence the name of group B streptococcal (GBS) d468449fe1

The plural term group B streptococci (referring to the serotypes) and the singular term group B streptococcus (referring to the single species) are both commonly used synonymously with

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S. agalactiae even though *S. halichoeri* and *S. pseudoporcinus* are also group B Streptococcus. These species test positive as group B, but are not frequently carried by humans and only rarely cause disease. d468449fe1 Therapeutic uses of cefdinir include otitis media, soft tissue infections, and respiratory tract infections including sinusitis, strep throat (for penicillin-allergic patients), community-acquired pneumonia, and acute exacerbations of bronchitis. d468449fe1

Clindamycin Clindamycin was first. It appears to be generally safe in pregnancy. It is of the lincosamide class and works by blocking bacteria from making protein. appropriate d468449fe1

The term was coined in 1877 by Viennese surgeon Albert Theodor Billroth (1829–1894), from Ancient Greek στρεπτός (*streptós*), meaning "twisted", and κόκκος (*kókkos*), meaning "grain". In 1984, many bacteria formerly grouped in the genus *Streptococcus* were separated out into the genera *Enterococcus* and *Lactococcus*. Currently, over 50 species are recognised in this genus. d468449fe1 In general, GBS is a harmless commensal bacterium being part of the human microbiota colonizing the gastrointestinal and genitourinary tract of up to 30% of healthy human adults... d468449fe1

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Bacteriuria Bacteriuria is the presence of bacteria in urine. Bacteriuria accompanied by symptoms is a urinary tract infection while that without is known as asymptomatic
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== Medical uses == d468449fe1

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