

Medical microbiology

Lab 10

Gram positive bacteria

Streptococci

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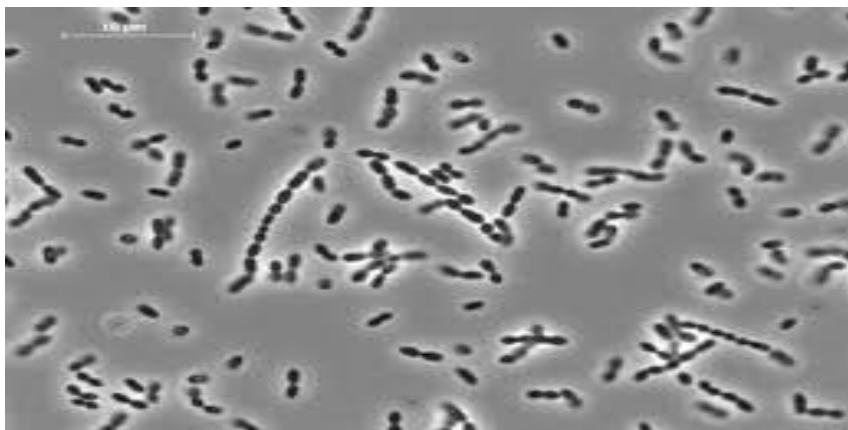
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Streptococcus species

Streptococcus agalactiae

- 1- A beta- hemolytic or nonhemolytic
- 2- Nonmotile
- 3- Encapsulated
- 4- Gram positive cocci
- 5- Positive for the CAMP test
- 6- Is bacitracin and SXT – resistant .



Streptococcus mutans

- 1- Is nonhemolytic or Alpha-hemolytic
- 2- gram positive cocci
- 3- responsible for the formation of dental caries
- 4- is capable of hydrolyzing sucrose and forming dental plaque
- 5- nonmotile
- 6- resistant to optochin

Streptococcus pneumoniae

- 1- Alpha-hemolytic
- 2- nonmotile
- 3- Encapsulated
- 4- susceptible to optochin
- 5- urease negative
- 6- rapid *Streptococcus* antigen test



Streptococcus pyogenes

1- beta- hemolytic

2-Nonmotile

3-Encapsulated

4-Gram positive cocci

5-group A Streptococcus antigen test

6- Susceptible to bacitracin

7- hydrolyze arginine

