

Lungs



Empyema (Infection of the Pleural Space)  
- Polymicrobial

Foot Diabetic Foot Infection

Superficial:

S. aureus

$\beta$  hemolytic strep

S. epi

Deep:

- Polymicrobial

Otitis Media

S. Pneumo

H. Flu

Moraxella

Otitis externa

Pseudomonas

S. epi

Stomatitis

S. Pneumo

H. Flu

viridans Strep

S. aureus

enterococcus

S. epi

Strep bovis

S. aureus

Group A Strep

Septic Arthritis:

S. aureus

N. Gonorrhoeae

Streptococci

ENT



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Bone



## Normal Flora

### Skin

- *Staphylococcus* spp.
- *streptococcus* spp.
- diphtheroids (*non-pathogenic corynebacterium*)

### GI Tract

- *enterobacteriaceai*
- *enterococcus* spp.
- anaerobes
- *staphylococcus*
- yeast
- *pseudomonas* spp.

### Respiratory Tract

- *Staphylococcus*
- *streptococcus*
- *Neisseria Meningitidis*
- Yeast

Urine, Blood, Cerebral-spinal Fluid have no normal flora

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## Meningitis

- \* The *Neisseria meningitidis* variety is common with those who are in crowded spaces and complement ~~deficit~~ deficient
- \* The *Listeria* variety is from contaminated food and affects immunocompetent
- \* The aerobio gram - bacilli are associated with head trauma / neurosurgery

## Complications of meningitis

- Hydrocephalus
- Abscess
- Cerebritis
- Thrombosis

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