

Bacterial Meningitis

Source: Notes and Board Review Book

Neonates (0-4 weeks)

1. Group B Strep
2. E Coli
3. Listeria
Monocytogenes
4. S Pneumo

Young Infants (4-12 weeks)

1. Group B Strep
2. E Coli
3. H Influenzae
4. S Pneumo
5. N Meningitidis

Children

1. S Pneumo
2. N Meningitidis
3. H Influenzae

Adults

1. Strep. Pneumo
2. N. Meningitidis
3. Listeria
Monocytogenes

Adults Over 50

1. Strep. Pneumo
2. N. Meningitidis
3. Listeria
Monocytogenes

Meningitis

Headache, fever, stiff neck

Encephalitis

headache, fever, mental status change

Abcess – specific to area of infection

Viral Meningitis

Source: Notes and Board Review Book

1. Enterovirus (Coxsackie – late summer, early fall)
2. Herpes Simplex

Encephelitis

1. Japanese Encephelitis Virus
2. West Nile (presents with acute flaccid paralysis, like polio)
3. HSV (temporal lobe involvement, bizarre behavior noted first)
4. HIV
5. Rabies

Parasites – nagleria (no idea what this is, we didn't learn it, common presentation is someone forcefully ingests water);
Cystierosis

Most Common Causes of

Source: Board Review Book **Pneumonia By Age**

Children (birth-20 yrs.)

1. RSV
2. Mycoplasma pneumo.
3. Chlamydia pneumo
4. Strep pneumo

Young adults (20-40 yrs age)

1. M. pneumo
2. S. pneumo

Adults

1. S pneumo
2. M pneumo
3. H. influenza

Elderly (>60)

1. Strep. Pneumo
2. Anaerobes
3. H flu
4. RSV

Diarrhea Source: Notes

Adults

1. Unknown
 2. Other
 3. Rotavirus
 4. Campylobacter
 5. *enterohemorrhagic E Coli*
- Norvirus in adults (watery)

Infants (4-12 weeks)

1. Rotavirus
2. Adenovirus
3. Bacterial
4. Astrovirus
5. Calcivirus
Giardia

Bloody Diarrhea

1. Shigella
2. Salmonella
3. Campylobacter
4. E Coli (EHEC) – no fever
5. Other: Chronic, entamoeba, inflammatory bowel disease

CA UTI

1. E Coli
2. Klebsiella
3. Proteus
4. Staph. Sapro

Nosocomial
Pseudomonas

Endocarditis

Acute
Staph epidermis

Indolent
Strep Viridans
E. faecalis

Painful Genital Lesions

Underlined has anorectal lesions

- Herpes Simplex (painful, multiple shallow)
- Chancroid
- Syphilis (painless, indurated border)
- Granuloma Inguinale (Klebsiella)
(painful, ragged border)
- LGV (Chlamydia Trachomatis)
- N. Gonorrhoea (anorectal in MSM)

Hepatitis Source: CPC Lecture

Viral

- Hepatitis Viruses
- Other: CMV, EBV, HIV, adenovirus

Nonviral

- **Secondary to pneumococcal pneumo.**
- **Leptospirosis**
- **Tuberculosis**
- **Hisotplasmosis**
- **Rickettia**
- **Syphilis**

Other

- Alcohol
- Acetaminophen
- Isonazid
- Meds
- Shock

Rash on Hands

1. Rocky Mountain Spotted
Fever

2. Syphilis

The rashes look different in these two

Otitis Media

1. Non-Typeable S Pneumo

2. Non-Typeable H Influenza