

Infectious Disease Knowledge Curriculum/Log: (P=Patient, R=Reading, L=Lectures)

Learning:

Patients: It is advisable that the resident keep a log of the patients he/she has cared for. This will help direct reading and future patient exposure. Lectures and reading will facilitate the learning

References:

www.aidsinfo.nih.gov - HIV treatment guidelines

www.cdc.gov

www.idsociety.org for IDSA guidelines: IDSA username: IDSA001715

Password: 3646

Mandell et al; Principles and Practices of Infectious Diseases 2000 – available on line though MD Consult

ACP Guidelines for treatment of outpatient infections.

1. Rational approach to the patient for whom you are asked to perform an infectious disease consult:
 - Use of old records, pharmacy records, and patient interview
 - Use of Microbiology Lab
 - Use of Imaging Studies

2. Rational approach to the treatment of patients with antimicrobial, antifungal, and antiviral agents
 - Pharmacodynamics and pharmacokinetics of antimicrobials
 - Spectrum of activity of antimicrobials
 - When to withhold antibiotic treatment
 - Familiarity with and indication for antifungal agents
 - Familiarity with and indication for antiviral agents

3. Diagnosis and treatment of common community acquired infections
 - Pneumonia
 - UTI
 - Bronchitis
 - Otitis Media
 - Pharyngitis
 - Sinusitis
 - Diarrhea
 - Skin and soft tissue infections

- Diagnosis and treatment of nosocomial infections
- Pneumonia
- UTI
- Catheter related infection
- Wound infection
- Sinusitis

4. Understanding of evaluation and management of HIV

- Presentation of acute infection with HIV
- Staging of and treatment of HIV
- Pharmacology of antiviral agents used for HIV
- Appropriate prophylaxis for HIV infected individuals
- Immunizations for HIV infected individuals
- Approach to common infections in patients with HIV:

5. Principles of immunization against infectious diseases

- | | |
|--|---|
| <input type="checkbox"/> <u>Pneumococcal</u> | <input type="checkbox"/> <u>Influenza</u> |
| <input type="checkbox"/> <u>Diphtheria</u> | <input type="checkbox"/> <u>Hepatitis A</u> |
| <input type="checkbox"/> <u>Measles</u> | <input type="checkbox"/> <u>Hepatitis B</u> |
| <input type="checkbox"/> <u>Mumps</u> | <input type="checkbox"/> <u>Typhoid</u> |
| <input type="checkbox"/> <u>Rubella</u> | <input type="checkbox"/> <u>Tetanus</u> |
| <input type="checkbox"/> <u>Hemophilus influenza</u> | |

7. Travel related infection, prevention, diagnosis, and treatment:

8. Basic principles of epidemiology and public health

