

## Internal Medicine Residency Spokane Program

### Medical Knowledge Readings – Infectious Disease - SHMC

#### Medical Knowledge:

The intern/resident is expected to learn the general approach to the evaluation and treatment of patients within the context of multiple diseases related to infectious disease in a hospital setting. A baseline understanding of disease and foundation for reading is typically individualized by residents through the use, but not limited to, of textbooks online (see below), UpToDate, IDSA guidelines, and through attending specific readings. Below is a list of additional suggested readings that is not meant to be all inclusive, but what we thought were higher yield areas of learning.

#### [IDSA Guidelines](#)

#### HIV Links:

- [HIV Webstudy](#) – Easy reading well organized
- [AIDSInfo](#) – Drug interactions, Great Reviews
- [2015 – Opportunistic Infection Guidelines](#)
- [Stanford Resistance Database](#)

#### [Sexually Transmitted Infections – CDC Guidelines](#)

#### HSL ebooks:

- [Infectious Diseases: The Clinician's Guide to Dx, Tx, Prevention](#)
- [Mandell's Infectious Disease](#)
- [Sanford Guide – Web Edition – Antibiotics and Pathogens](#)

The topics will be re-evaluated throughout the year during resident only meetings and we appreciate suggestions of relevant topics/documents or irrelevant documents that may have an alternative superior option.

To open hyperlink: “Ctrl” + left click

	Foundation	Additional
<b>Disease Oriented</b>		
- PNA	- <a href="#">IDSA – CAP Guidelines (expected to read executive summary)</a> - <a href="#">Cavitary Lung Disease – CMR 2008</a>	- <a href="#">PSI Score – NEJM 1997</a> - <a href="#">CURB-65 – BMJ 2002</a> - <a href="#">VAP diagnosis &amp; mgmt – ATS 2005</a> - <a href="#">Steroids for CAP – Review – Annals 2015</a>
- Cellulitis	- <a href="#">Cellulitis – Clinical Practice - NEJM Swartz 2004</a> - <a href="#">Cellulitis IDSA Practice Guidelines 2014</a>	
- Meningitis	- <a href="#">Bacterial Meningitis Review – Lancet 2016</a> - <a href="#">IDSA – Bacterial Meningitis Guidelines - 2004</a> - <a href="#">IDSA – Encephalitis – 2008</a> - <a href="#">Aseptic Meningitis – Current Opin Inf Dis - 2008</a>	- <a href="#">NEJM – Clinical &amp; Prognostic Factors – 2004</a> - <a href="#">CSF Analysis – AAFP 2003</a>
- Endocarditis	- <a href="#">European Heart Association IE Guidelines – 2015 (reads better)</a> - <a href="#">IDSA &amp; AHA IE Guidelines - 2005</a>	

	<ul style="list-style-type: none"> <li>- <a href="#">Endocarditis Review - Lancet - 2016</a></li> <li>- <a href="#">Oral Abx for IE – BMC ID - 2014</a></li> </ul>	
- Cystitis/Pyelonephritis	<ul style="list-style-type: none"> <li>- <a href="#">Cystitis outpatient Mgmt – JAMA 2014</a></li> <li>- <a href="#">Cystitis with MDRO – CID 2016</a></li> <li>- <a href="#">Cystitis in Older Men – NEJM 2016</a></li> </ul>	<ul style="list-style-type: none"> <li>- <a href="#">Pyelonephritis – AAFP 2005</a></li> <li>- See IDSA</li> </ul>
- Cholangitis	<ul style="list-style-type: none"> <li>- <a href="#">Acute Cholangitis Dx and Mgmt – Nature 2009</a></li> <li>- <a href="#">Acute Cholangitis – easy review – Gastroentero Hep 2011</a></li> <li>- <a href="#">Acute Cholecystitis and Cholangitis – J Acute Disease – 2011</a></li> </ul>	
- Septic Arthritis	<ul style="list-style-type: none"> <li>- <a href="#">Septic Arthritis Review – Best Prac &amp; Resear Clin Rheum 2011</a></li> <li>- <a href="#">Bacterial Septic Arthritis Adults – Lancet 2010</a></li> <li>- <a href="#">Evidence Based Diagnostics: Septic Arthritis – Acad Emerg Med 2011</a></li> </ul>	
- FUO	<ul style="list-style-type: none"> <li>- <a href="#">FUO – Classic Article (what UpToDate is based off)</a></li> <li>- <a href="#">FUO and inflammatory markers – IM Japanese - 2015</a></li> </ul>	
- Transplant – CMV/JC/BK	<ul style="list-style-type: none"> <li>- <a href="#">BK nephropathy review - Opinion Transplantation 2014</a></li> <li>- <a href="#">BK and JC Review - J of Infection - 2014</a></li> <li>- <a href="#">Post transplant CMV prophylaxis Review - 2015</a></li> <li>- <a href="#">CMV post HSCT - 2010 CID</a></li> </ul>	
- Clostridium difficile	<ul style="list-style-type: none"> <li>- <a href="#">C. difficile colitis – NEJM Review – 2015</a></li> <li>- <a href="#">C. Difficile, severe – Rx with Vancomycin + Flagyl – CID 2015</a></li> <li>- <a href="#">Cochrane Review – Probiotics for prevention - 2013</a></li> </ul>	
- Tuberculosis	<p><b>M. tuberculosis:</b></p> <ul style="list-style-type: none"> <li>- <a href="#">Latent TB Review –NEJM 2015</a></li> <li>- <a href="#">Treatment of TB Review – NEJM 2015</a></li> <li>- <a href="#">Miliary TB Review – Lancet ID 2005</a></li> </ul> <p><b>Non-mycobacterium TB:</b></p> <ul style="list-style-type: none"> <li>- <a href="#">non-TB pulmonary Disease – J of Thorac Dis - 2014</a></li> </ul>	
- Tick Borne Illnesses	<ul style="list-style-type: none"> <li>- <a href="#">Tick-Borne Illness in US – NEJM 1993</a></li> <li>- <a href="#">Tick-Borne Encephalitis – Lancet 2008</a></li> <li>- <a href="#">Tick-Borne Paralysis – Inf Dis Clin NA 2008</a></li> <li>- <a href="#">CDC – RMSF-Erlichioses-Anaplasmosis - 2006</a></li> <li>- <a href="#">IDSA – Lyme/HGA/Babesiosis - 2006</a></li> <li>-</li> </ul>	<ul style="list-style-type: none"> <li>- <a href="#">Babesiosis – Inf Dis Clin NA - 2008</a></li> <li>- <a href="#">HGA – Inf Dis Clin NA - 2015</a></li> <li>- <a href="#">Relapsing Fever – Inf Dis Clin NA - 2008</a></li> <li>- <a href="#">RMSF – Lancet 2007</a></li> <li>- <a href="#">Lyme Disease – Lancet 2012</a></li> <li>- <a href="#">Lyme Disease – Chronic – NEJM 2012</a></li> </ul>
<b>Neutropenic Fever</b>		
	<ul style="list-style-type: none"> <li>- <a href="#">Neutropenic Fever ppx and tx - Advances in Hematology 2014</a></li> <li>- <a href="#">Mgmt Neutropenic Fever - Thera Adv Inf Disease 2013</a></li> <li>- Check IDSA Guidelines</li> </ul>	
<b>Fungal Related</b>		
- Dimorphic Yeast		

- Coccidiomycoses	<ul style="list-style-type: none"> <li>- <a href="#">Coccidiomycosis: A Review – Inf Dis Clin Pract 2012</a></li> <li>- <a href="#">Coccidiomycosis mgmt – IDSA 2005</a></li> <li>- <a href="#">Coccidio and Skin – Ann Brazil Derm 2015</a></li> <li>- <a href="#">Coccidiomycoses in-depth Review – CMR 2013</a></li> </ul>	
- Histoplasmosis	<ul style="list-style-type: none"> <li>- <a href="#">Overview Histoplasmosis – AAFP 2002</a></li> <li>- <a href="#">Histoplasmosis in-depth Review – CMR 2007</a></li> <li>- <a href="#">Histoplasmosis in HIV-Infected – Curr Trop Med Reports 2014</a></li> </ul>	
- Blastomycosis	<ul style="list-style-type: none"> <li>- <a href="#">Blastomycosis Review – ATS 2010</a></li> <li>- <a href="#">Blastomycosis &amp; HIV – HIV InSite 2006</a></li> <li>- <a href="#">Blastomycosis in-depth Review – CMR 2010</a></li> </ul>	
<b>- Molds</b>		
- Aspergillosis	<ul style="list-style-type: none"> <li>- <a href="#">Pulmonary Aspergillosis: clinical review – Euro Resp 2011</a></li> <li>- <a href="#">ABPA Review – JAPI 2012</a></li> <li>- <a href="#">Aspergillosis IDSA guidelines – 2007</a></li> <li>- <a href="#">Aspergillosis In-Depth Review – CMR 1999</a></li> </ul>	
- Candidiasis	<ul style="list-style-type: none"> <li>- <a href="#">Hepatosplenic Candidiasis – Mycoses 2012</a></li> <li>- <a href="#">Candidal Inf of GU tract – CMR 2010</a></li> <li>- <a href="#">Candidiasis – IDSA Review 2016</a></li> </ul>	<ul style="list-style-type: none"> <li>- <a href="#">Candida Risk Factors in ICU – Crit Care Med 2008</a></li> </ul>
<b>Travel Medicine</b>		
- Common Traveling Diseases	<ul style="list-style-type: none"> <li>- <a href="#">Fever in Returning Travelers – AAFP 2013</a></li> </ul>	
- Malaria	<ul style="list-style-type: none"> <li>- <a href="#">Malaria Tx Review – NEJM 2005</a></li> <li>- <a href="#">Malaria “short term travelers” – NEJM 2008</a></li> </ul>	
<b>Antimicrobial Agents:</b>		
	<p>- <b>**Have the antimicrobial Guidebook 2015 from Pharmacy**</b></p> <p>- <b>Have a new antibiogram!</b></p> <p>Antibiotics, General:</p> <ul style="list-style-type: none"> <li>- <a href="#">Antibiotic Stewardship – Mayo 2011</a></li> <li>- <a href="#">General Principles of Antimicrobial Therapy – Mayo 2011</a></li> <li>- <a href="#">Antibiotic Prophylaxis Review – Mayo 2011</a></li> </ul> <p>Antimicrobial – Broad Reviews:</p> <ul style="list-style-type: none"> <li>- <a href="#">Anti-Parasitic Review – Mayo – 2011</a></li> <li>- <a href="#">Anti-Viral Review (Non HIV) – Mayo – 2011</a></li> <li>- <a href="#">Anti-fungal Review – May 2011</a></li> </ul> <p>Antibiotic Classes:</p> <ul style="list-style-type: none"> <li>- <a href="#">Penicillins – Mayo 1999</a></li> <li>- <a href="#">Cephalosporin – Mayo 1999</a></li> <li>- <a href="#">Carbapenemes and Monobactams – Mayo 1999</a></li> <li>- <a href="#">Tetracyclines – Mayo 1999</a></li> <li>- <a href="#">Fluoroquinolones – Mayo 1999</a></li> <li>- <a href="#">Macrolides – May 1999</a></li> <li>- <a href="#">TMP-SMX – Mayo 1999</a></li> <li>- <a href="#">Aminoglycosides – Mayo 1999</a></li> <li>- <a href="#">Anaerobic Coverage – Clinda/Metronidazole – Mayo 1999</a></li> <li>- <a href="#">Gram Positive RX – Vanc/Linezolid/Dapto – Inf Dis Clin 2004</a></li> </ul> <p>MDRO</p> <ul style="list-style-type: none"> <li>- <a href="#">Gram Positive MDRO Rx – Mayo 2011</a></li> <li>- <a href="#">Gram Negative MDRO Rx – Mayo 2011</a></li> </ul>	

