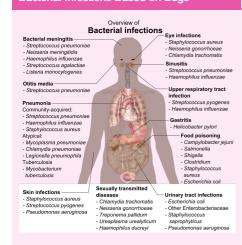


Antibiotic Coverage Cheat Sheet by truemanc via cheatography.com/67157/cs/16823/

Bacterial Infections Based on Bugs



When Prophylaxis is Appropriate

Prosthetic heart valve/valvular disease + dental/oral procedures

- infective endocarditis
- GU/GI procedures

Rheumatic fever (recurrence)

People in contact with meningococcal disease

Surgical

People at high risk/in contact with TB

People at high risk/in contact with HIV

Medically Important Microorganisms

G+/G- cocci

G+/G- bacilli

Anaerobes

Spirochetes

Mycoplasma

Chlamydia

General AE of ABX

Vomiting

Severe watery diarrhea

Abdominal cramps

Allergic rxn

Antibiotic Spectra

Narrow	Active against single or limited
Spectrum	group of microorganisms
Extended	Effective against G+ and some
Spectrum	G-
Broad	Effective against both G+ and

Spectrum

Static Vs. Cidal

bacteria

C+ 0000i

Bacteriostatics	Bactericidal
inhibit growth without	Kill bacteria
causing death	
	PCN (cell wall
Sulfonamides (DNA	inhibitor)
synthesis), Chloramph-	
enicol (transcription and	Can be given to
translation)	patients with
	COMPRO-
Relies on INTACT	MISED immunity
immune system to clear	
nongrowing/viable	

Empiric Treatment - Match the Bug to Location

G+ C0CC1	SKIII
G- bacilli	Urethras
G+, G-, anaerobes	Large Intestine

Ckin

Drug Distribution

Antibiotic Activity



Site of Action of ABX

Cell Wall Inhibitors	Fosfomycin Cycloserine Vanco PCN CPN Monoba- ctams Carbap- enems Ethambutol Pyrraz- inamide Isoniazid
DNA Synthesis & Integrity Inhibitors	Sulfon- amides Trimet- hoprim Quinolones

Transcription & Translation Inhibitors

Rifampin AGs Spectinomycin Tetracyclines Macrolides Chloramphenicol Streptogramins Oxazolidi-

nones



By truemanc

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