

Factors in the Selection of Optimal Antibiotics and Dosing

For most infections there are many effective antibiotic choices available, except of course in multi-drug resistant infections. However, patients present with myriad complicating factors and specific physiologic states which make some antibiotic choices and dosing regimens more correct than others.

List of Factors that Antibiotic Adjuvant considers in antibiotic decisions:

- Allergies
- Renal status
- Presence of Septic Shock
- Drug interactions
- Previous cultures
- Hospital, hospital unit, or regional resistance patterns
- Current or recent antibiotic use of patient
- Patient size and age
- Obesity
- Edematous or hyperdynamic states
- Site of infection
- Relative antibiotic toxicity