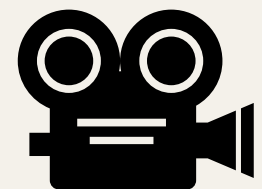




# WHICH ANTIBIOTIC? 'SIMPLE' FRAMEWORK

Step	Focus	🔍 Assessment Drill	⚡ Action / Decision
S	Severity	<b>Is the patient unstable?</b>  <ul style="list-style-type: none"> <li>• Septic Shock?</li> <li>• Sepsis?</li> </ul>	<b>SEVERE:</b> Start <b>Broad-Spectrum IV</b> immediately. <i>Do not wait.</i>  <b>MILD:</b> Use <b>Targeted</b> therapy or "Wait & See."
I	Infection Site	<b>Where is the source?</b>  <ul style="list-style-type: none"> <li>• Respiratory vs. Urinary?</li> <li>• Intra-abdominal vs. Skin?</li> </ul>	<b>Anatomy dictates Microbiology.</b>  <i>Example:</i> Intra-abdominal source → Must cover <b>Anaerobes.</b>
M	MDR Risk	<b>Are resistant bugs likely?</b>  <ul style="list-style-type: none"> <li>• See "MDR Deep Dive" below.</li> </ul>	<b>RISK PRESENT:</b> Broaden spectrum to cover <b>ESBL/MRSA / Pseudomonas.</b>  <b>NO RISK:</b> Use standard guidelines.
P	Patient Factors	<b>Can the patient handle this drug?</b>  <ul style="list-style-type: none"> <li>• <b>Allergies</b> (Penicillin?)</li> <li>• <b>Renal/Hepatic</b> Function</li> <li>• <b>Interactions</b> (Warfarin?)</li> </ul>	<b>Adjust Dose</b> or <b>Change Class</b> to prevent toxicity.
LE	Local Epi	<b>What bugs live here?</b>  <ul style="list-style-type: none"> <li>• Local Antibiogram data?</li> <li>• Endemic diseases (TB, Melioidosis)?</li> </ul>	<b>Check Antibiogram.</b> If local resistance >10-20% for a drug, do not use it empirically.  If local antibiogram not available – consult your seniors/experts

ADDITIONAL  
INFO



VIDEO

## DEEP DIVE: THE 'M' (MDR RISK ASSESSMENT)

🏠 Patient in ED (Community Onset)	🏥 In-Patient (Hospital Acquired)
<b>THE "90 DAY" RULE:</b>  <ul style="list-style-type: none"> <li>• Prior Antibiotics in last <b>90 days</b>?</li> <li>• Hospitalization in last <b>90 days</b>?</li> </ul>	<b>HOSPITAL EXPOSURE:</b>  <ul style="list-style-type: none"> <li>• Prolonged Length of Stay?</li> <li>• Broad-spectrum antibiotic exposure?</li> </ul>
<b>ENVIRONMENT:</b>  <ul style="list-style-type: none"> <li>• <b>Nursing Home</b> resident?</li> </ul>	<b>ENVIRONMENT:</b>  <ul style="list-style-type: none"> <li>• High colonization pressure unit (e.g., ICU)?</li> </ul>
<b>COMPLEX CARE:</b>  <ul style="list-style-type: none"> <li>• Chronic Dialysis?</li> <li>• Wound Care / OPAT?</li> </ul>	<b>DEVICES:</b>  <ul style="list-style-type: none"> <li>• Current invasive lines or catheters?</li> </ul>
<b>UNIVERSAL RED FLAGS:</b>  <ul style="list-style-type: none"> <li>▶ Known Carrier (MRSA/CRE), Immunosuppression, Multiple Comorbidities</li> </ul>	



VISUAL  
SUMMARY

THINK OF THESE AS WEIGHTS ON A SCALE. ONE IS USUALLY MANAGEABLE;  
A PILE OF THEM TIPS THE SCALE TOWARD RESISTANCE.