

(Infectious disease clerkship)

(pharmaceutical care)

(health care

team)

(patient profile)

SOAP note

(drug therapy problems)

(discharge counseling)

- . Drug product selection
- . Pharmacokinetic and drug dosage regimen
- . Drug interactions and adverse drug effects
- . Pharmacotherapeutic monitoring plan
- . Drug administration

discharge counseling note, pharmacokinetic note, medication history note,
patient transfer note

- . Laboratory tests to direct antimicrobial pharmacotherapy
 - Specific and non-specific tests confirming the presence of infection (e.g., WBC count and differential, gram stain, culture), quantitative and qualitative antimicrobial susceptibility testings (e.g., MIC, E-test),
- . Antimicrobial regimen selection
 - Systematic approach for selection of antimicrobials, drug factors, combination antimicrobial therapy, monitoring therapeutic response
- . Central nervous system infections
 - Meningitis, brain abscess
- . Respiratory tract infections
 - Upper and lower respiratory tract infections (e.g., bronchitis, pneumonia, sinusitis)
- . Infectious endocarditis
- . Tuberculosis
- . Gastrointestinal infections and enterotoxigenic poisonings
- . Skin and soft tissue infection
 - Cellulitis, diabetic foot infection
- . Parasitic infections
 - Malaria
- . Intraabdominal infections
 - Bacterial peritonitis, cholecystitis, cholangitis
- . Urinary tract infections and prostatitis
- . Bone and joint infections
 - Osteomyelitis, septic arthritis
- . Sepsis and septic shock
- . Invasive fungal infections
 - Aspergillosis, candidemia
- . Human immunodeficiency virus infection and opportunistic infections
 - AIDS, Pneumocystis jiroveci Pneumonia, cryptococcal meningitis, candidiasis, histoplasmosis, toxoplasmosis, penicilloles

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(Formal case presentation)

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