

Comprehensive Clinical Case Analysis and Management

A Systematic Approach to Patient Evaluation, Diagnosis, Treatment, and Outcome with Teaching Insights

Case Cover: Identifier, Team, and Timeline



Case Identifier and Title

Case identifier and concise title reflecting the primary clinical problem



Clinical Team Details

Specialty or unit, presenting clinician, and attending oversight role



Presentation Date and Setting

Date of presentation and setting (rounds, conference, or student handoff)

Patient History and Chief Complaint



Demographics

Including age group, sex, relevant social context, and baseline functional status



Chief Complaint

With onset, severity, and key associated symptoms in one clinical sentence



History of Present Illness (HPI)

Structured by timeline (initial symptoms, progression, prior treatments, and response) plus key negatives



Past Medical History

With high-yield comorbidities, prior surgeries, allergies, and baseline medications

Review of Systems and Physical Exam



Vital Signs Monitoring

Vital signs with trends when available (temperature, heart rate, blood pressure, respiratory rate, oxygen saturation)



Organized Systems-Based Exam

Systems-based physical exam findings organized by general, cardiopulmonary, abdomen, neurologic, and skin



Focused Targeted Exam Elements

Focused targeted exam elements that support or refute the working diagnosis (include key positive and key negative findings)

Diagnostic Workup and Labs

Test	Result	Clinical Relevance
CBC and differential	Insert key values	Support or oppose specific diagnoses
Metabolic and renal panel	Insert key values	Guides medication choice and risk stratification
Inflammatory, infectious, or cardiac markers	Insert key values	Indicates severity and diagnostic direction
Imaging and other diagnostics	Insert results	Confirms anatomy/etiology and informs next steps

Assessment and Differential Diagnosis



Primary Assessment

Primary assessment stated as a single problem representation with supporting data from HPI, exam, and initial tests



Prioritized Differential Diagnosis

Prioritized differential diagnosis ranked by likelihood and clinical risk, including at least one must-not-miss condition



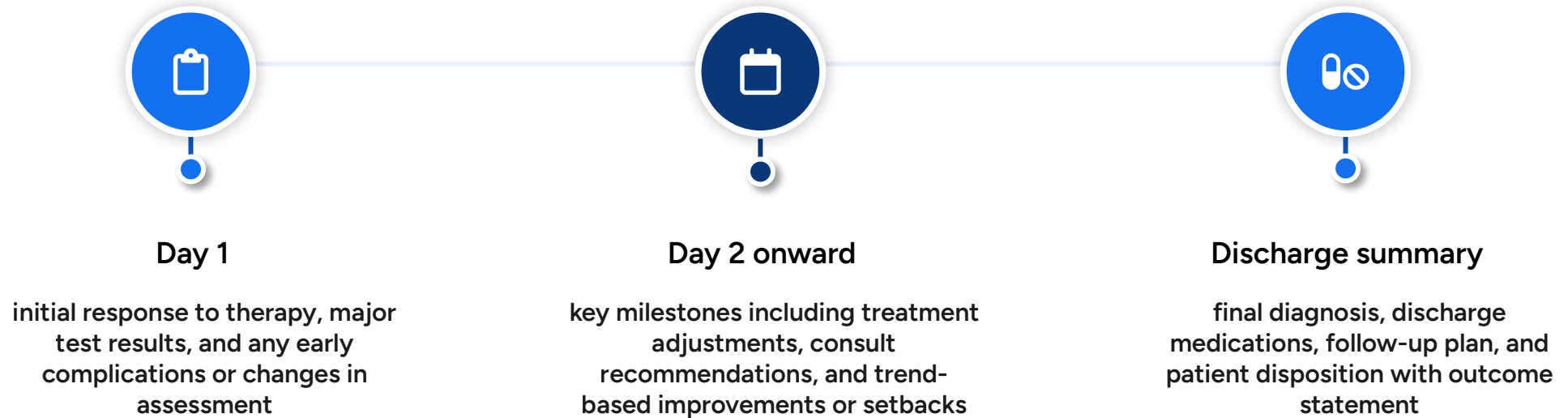
Clinical Reasoning

Clinical reasoning that explains why leading diagnoses rise or fall (include key discriminators and uncertainties)

Management and Treatment Plan



Hospital Course and Clinical Outcome



Teaching Points and Clinical Pearls

Core Learning Objectives

Core learning objectives tied to the case: diagnostic strategy, management principles, and interpretation of pivotal results

Evidence-Based Guidelines

Evidence-based guidelines and best-practice recommendations that justify the chosen plan (include key decision thresholds)

Literature and Clinical Pearls

Literature and guideline references in citation format suitable for clinical teaching, plus take-home pearls for future similar presentations