

March 29, 2026

Generative AI for the Hospitalist: A Practical Approach in a Rapidly Changing World

1:00 - 1:45 p.m.

Foundations of Generative AI for Hospital Medicine

- What GenAI is – and is not
- How GenAI works (tokens, training data, prediction)
- Overview of leading model families (GPT, multimodal, domain-specific, clinically oriented tools)
- Key model parameters (temperature, tone/style, max tokens, context/grounding controls) and their clinical impact
- Concepts of custom GPTs, retrieval-augmented generation (RAG), and workflow automation
- **Group activity:** Apply these key terms and concepts to real hospitalist tasks

1:45 - 2:45 p.m.

Beginner Workshop: Core Prompting Skills & Clinical Applications

- Fundamentals of prompt construction (role, task, structure, constraints)
- Recursive prompting and “conversation as an iterative draft”
- How to incorporate model parameters into prompts and how they influence output quality
- **Guided practice with hospitalist-focused scenarios:**
 - Patient-facing communication (basic prompting + recursive refinement)
 - Clinical documentation cleanup (using RAG / grounding and in-context examples)
 - Care-coordination summaries (summarization strategies and guardrails)
- Small-group peer comparison, debrief, and reflection

2:45 - 2:55 p.m.

Break

2:55 - 3:40 p.m.

Responsible, Ethical, and Bias-Aware AI Use in Clinical & Academic Practice

- Practical frameworks: transparency, boundaries of use, and routinized accuracy checks
- Privacy, de-identification, and clinical documentation concerns
- Internal checks and safeguards: bias-surfacing prompts, cross-model triangulation, contrastive exemplar checks, and human-in-the-loop validation
- Academic considerations: citation, disclosure, authorship norms, and documenting AI use



3:40 - 4:55 p.m.

- Environmental and equity considerations in AI adoption
- Clinically realistic “when not to use AI” cases (gray zones, unsafe use, misalignment with patient values)
- **Group activity:** Small-group scenarios and prompting strategies to practice responsible use and “red flag” recognition

Advanced Workshop: Staying Up to Date with the Latest AI Tools

- Decision-support tools (e.g., OpenEvidence, UpToDate, and grounding language models on trusted references)
- Working with multiple documents and large reading loads (e.g., NotebookLM with “Hospital Medicine Top Articles of 2025”)
- AI scribes in the hospitalist workflow (e.g., using OpenEvidence’s free scribe; practical pros, cons, and safeguards)
- Clinical reasoning examples (prompting strategies and in-context learning)
- **Group activities:** Small groups applying the latest tools to real hospitalist tasks (clinical reasoning, literature synthesis, documentation)

4:55 - 5:00 p.m.

Wrap-Up: Personal Next Steps & AI Adoption Plans

- Quick reflection: “One change in my clinical work” and “one change in my educational work”
- Drafting a simple, personal responsible-AI action plan
- **Exit ticket:** Remaining questions, support needs, and suggested follow-up resources