

The Informatics Audit Framework — Worksheet

Apply this four-stage method to a system of your own.

01 System failure identification

Isolate the specific operational bottleneck. Not "the ER is slow" — "wait times exceed six hours during the Thursday evening flu-season surge."

02 Data pipeline diagnostics

Pinpoint why the existing alert metrics missed it. Common causes: latency in EHR batch updates, siloed bed-tracking logs, manual reporting delays.

03 Predictive computational model

Propose a mathematical forecasting metric — bed-turnover velocity, triage inflow acceleration — that would have surfaced the strain earlier.

04 Workflow integration

Explain how the model fits into existing EHR systems without adding to nurse alert fatigue. A model nobody acts on isn't a solution.
