

Clinical Documentation Assistant

Escalation Triggers & Safety Framework

Date: January 31, 2026 | Total Triggers: 5 | Escalation Paths: 8


Escalation Trigger Framework

ID	Trigger	Severity	Detection	Action
T-001	Diagnostic Question	● Critical	Regex matching	Block + Alert
T-002	Critical Red Flags	● Critical	Keyword detection	Process + Alert
T-003	High Uncertainty	● High	Confidence < 50%	Process + Warning
T-004	Hallucination	● High	Content validation	Process + Flag
T-005	API Failure	● Medium	Error handling	Fallback + Notification

Trigger 1: Diagnostic Question Detection

T-001 | ● **CRITICAL** - Prevent misuse as diagnostic tool


Detection: Keywords (diagnosis, disease, condition, illness, disorder, syndrome, ailment)

✖ This is not a clinical note - it's a diagnostic question!
Error: This tool is for SUMMARIZING existing clinical notes only.
 Please consult a qualified healthcare professional.

Trigger 2: Critical Red Flags

T-002 | ● **CRITICAL** - Alert to critical symptoms


Categories: Cardiovascular (chest pain, heart attack), Respiratory (severe SOB),
Neurological (stroke, seizure), Trauma (severe bleeding), Allergic (anaphylaxis)

⚠ **CRITICAL SYMPTOMS DETECTED**
Symptom: [Detected]
 Seek immediate medical attention

Trigger 3: High Uncertainty

T-003 | ● **HIGH** - Insufficient clinical information


Confidence = (Sections/7) × 0.6 + Quality × 0.3 + Abbreviations × 0.1

 **LOW CONFIDENCE** - Insufficient Information


Confidence: [45%] | Sections: 2/7

More details would improve accuracy.

Trigger 4: Hallucination Detection

T-004 |  **HIGH** - Prevent unsupported claims

Validation: Content Grounding, Medication Verification, Diagnosis Prevention, Symptom Consistency, Timeline Accuracy

 **GROUNDING INFORMATION**

Supported by: [Citation 1] [Citation 2]

All information grounded in original note.

Trigger 5: API Failure

T-005 |  **MEDIUM** - Graceful fallback

Failures: Timeout (>30s), HTTP error, Network error, Rate limit, Invalid response

 **FALLBACK MODE ACTIVE**





AI service temporarily unavailable. Using keyword-based generation.




Try again later for AI-enhanced summary.

Decision Tree

1. Diagnostic question? → Block (T-001)
2. Red flags? → Alert (T-002), continue
3. Low confidence? → Warn (T-003), continue
4. API call → Success: Continue | Fail: Fallback (T-005)
5. Hallucinations? → Flag (T-004)
6. Display summary with alerts
7. Log all events

Safety Guarantees

-  No diagnostic advice (T-001)
-  Critical symptoms flagged (T-002)
-  Low-quality marked (T-003)
-  Hallucinations prevented (T-004)

-  System operational (T-005)
-  All actions logged
-  Users informed

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