

# Medication administration tracking

This workflow automatically tracks and documents medication administration for addiction treatment patients, ensuring proper dosing compliance and generating alerts for missed doses or adverse reactions.

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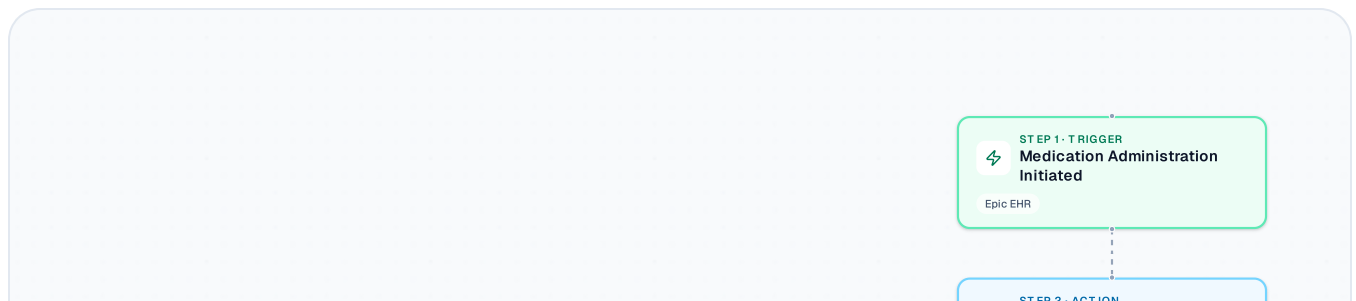
## WORKFLOW TRIGGER

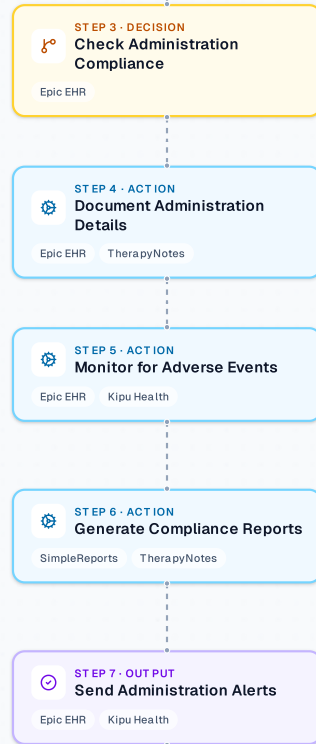


Nurse scans patient medication barcode or enters administration data in EHR system

## Visual Flow

Each node represents an automated step. Connections show how data and decisions move through the workflow.





## Step-by-Step Breakdown

Detailed explanation of each automated stage in the workflow.

1

⚡ TRIGGER

### Medication Administration Initiated

Nurse scans patient barcode and medication to begin administration process. System captures timestamp, patient ID, medication details, and administering staff.

2

 ACTION

### Verify Patient Treatment Protocol

System cross-references current medication against patient's active treatment plan and checks for drug interactions. Validates dosage and timing against prescribed schedule.

Epic EHR

Kipu Health

3

 DECISION

### Check Administration Compliance

System evaluates if medication is being given within acceptable time window and dosage parameters. Determines if administration should proceed or requires override approval.

Epic EHR

4

 ACTION

### Document Administration Details

Records medication administration with timestamp, dosage, route, and staff credentials. Updates patient medication adherence tracking and treatment progress notes.

Epic EHR

TherapyNotes

5

 ACTION

### Monitor for Adverse Events

System flags any patient-reported side effects or vital sign changes post-administration. Automatically schedules follow-up checks based on medication protocols.

Epic EHR

Kipu Health

6

 ACTION

### Generate Compliance Reports

Creates daily medication adherence summaries for clinical staff and regulatory reporting. Updates treatment effectiveness metrics and identifies missed dose patterns.

SimpleReports

TherapyNotes

7

 OUTPUT

### Send Administration Alerts

Delivers real-time notifications to care team about administration status, missed doses, or concerning patient responses. Updates family portal with appropriate medication compliance information.

Epic EHR

Kipu Health



### Outputs

- Real-time medication administration logs

## AI Business OS

- Compliance violation alerts
- Daily adherence summary reports
- Treatment progress updates



### Key Metrics

- Medication adherence rate
- Average time between scheduled and actual administration
- Adverse event detection speed



### Tools & Integrations

- Epic EHR
- Kipu Health
- TherapyNotes
- SimpleReports

## AI Business OS

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