HOME HEALTH · CLINICAL OPERATIONS

Medication management tracking

Automates medication adherence tracking for home health patients by monitoring compliance, alerting caregivers to missed doses, and updating care plans. Reduces medication errors and improves patient safety outcomes.

01 WORKFLOW TRIGGER

Patient medication administration window begins or caregiver scans medication barcode during home visit

BLUEPRINT OVERVIEW

What this workflow accomplishes

This workflow connects AlayaCare, Axxess, MatrixCare, ClearCare, Homecare Homebase, and Brightree so that every scheduled medication window is tracked from the eMAR through to the compliance report. Automation handles schedule pulls, barcode reconciliation, alert routing, documentation entry, and adherence trending. The visiting clinician, the case manager, and the agency DON retain authority over clinical judgment, escalation to the ordering physician, and any change to the plan of care.

01

OUTPUTS

Adherence compliance report, Care team alert notifications, Updated medication administration history, Flagged non-adherence patient list

02

SUCCESS MEASURES

Adherence rate by patient, Missed dose alerts per week, Time to clinical intervention, Documentation completed within visit

03

CORE SYSTEMS

AlayaCare, Axxess, MatrixCare, ClearCare, Homecare Homebase, Brightree

HOW TO USE THIS BLUEPRINT

Agency leadership: set the criticality tiers that decide which missed doses page the on-call nurse.

Clinical managers: review the flagged non-adherence list each week and decide which patients need a plan of care update or a physician call.

Implementation teams: map medication fields across AlayaCare, MatrixCare, and Homecare Homebase before go-live so dose, route, and frequency do not drift between systems.

THE WORKFLOW

End-to-end stage map

Seven stages carry a single dose from the administration window to the signed compliance report. The decision point at stage three governs whether a dose is recorded as given, flagged as missed, or routed for caregiver assistance.

IMPLEMENTATION DETAIL

Stage-by-stage breakdown

Each stage states the operational intent, the human control point, and the systems likely to take part. System names are examples, not a required architecture.

01 TRIGGER

Medication administration time detected

System identifies when a scheduled medication time arrives or caregiver scans medication during visit. Pulls patient medication schedule from care management platform.

CONTROL POINT

The visiting clinician confirms the scan matches the patient wristband and the active medication order before the window opens in the app.

SYSTEMS AlayaCare Axxess

02 ACTION

Retrieve patient medication profile

Fetches current medication list, dosages, timing, and previous adherence history from patient's electronic health record. Identifies any recent changes or contraindications.

CONTROL POINT

Human control: the case manager verifies the medication list reflects the most recent hospital discharge or physician order before the visit proceeds.

SYSTEMS AlayaCare MatrixCare

03 DECISION

Check medication administration status

Determines if medication was taken on time, missed, or requires caregiver assistance based on patient input or caregiver documentation. Routes to appropriate follow-up action.

CONTROL POINT

The clinician in the home can override the system classification and enter a narrative note explaining refusal, hold, or patient self-administration.

SYSTEMS AlayaCare

04 ACTION

Send adherence alerts if needed

Automatically notifies care team, family members, or physician if medication was missed or patient reports adverse effects. Escalates based on medication criticality.

CONTROL POINT

The on-call nurse acknowledges each high-criticality alert and decides whether to contact the ordering physician or dispatch an unscheduled visit.

SYSTEMS ClearCare Axxess

COMPLETION AND MEASUREMENT

Closing stages and results

The closing stages preserve the audit trail required at survey and measure how quickly the agency responds when a patient falls off their regimen.

05 ACTION

Update care documentation

Records medication administration details, patient response, and any side effects in the patient's care record. Maintains compliance audit trail.

CONTROL POINT

The clinician signs the eMAR entry; late entries require a supervisor countersignature with reason coded for the audit trail.

SYSTEMS Homecare Homebase MatrixCare

06 ACTION

Analyze adherence patterns

Reviews medication compliance trends and identifies patients at risk for non-adherence. Flags cases requiring care plan adjustments or additional interventions.

CONTROL POINT

The clinical manager reviews the risk flags and confirms which patients warrant a pillbox setup, medication reconciliation, or added visit frequency.

SYSTEMS AlayaCare Brightree

07 OUTPUT

Generate medication compliance report

Creates summary report showing adherence rates, missed doses, and recommendations for care team review. Updates patient care plan if needed.

CONTROL POINT

The DON or designee approves the report and any plan of care revision before it goes to the physician for signature.

SYSTEMS Brightree MatrixCare

DELIVERABLES

- Adherence compliance report
- Care team alert notifications
- Updated medication administration history
- Flagged non-adherence patient list

KEY METRICS

- Adherence rate by patient
- Missed dose alerts per week
- Time to clinical intervention
- Documentation completed within visit

IMPLEMENTATION CHECKS

- Barcode scan maps to correct NDC
- Alert routing respects on-call schedule
- eMAR entries write to legal record
- Role permissions limit dose overrides
- Retention meets state survey rules

NEXT STEP

Turn this blueprint into an implementation plan.

Map each stage to your own systems, permissions, and approval routing before selecting tools or building automation.

packfoundry.app/assessment

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