

CASE STUDY

TRANSFORMING MEDICATION SAFETY WITH YASASII HIS

Building a Safer, Smarter, and More Efficient Medication Management Ecosystem

A 500-bed multi-specialty tertiary care hospital strengthened medication safety, reduced errors, and improved clinical efficiency with Yasasii HIS.



ENHANCED
PATIENT SAFETY



STREAMLINED
WORKFLOWS



MEASURABLE
IMPACT



THE CHALLENGES



High risk of medication errors due to manual, paper-based processes



Delayed detection of allergies and drug interactions



Lack of real-time visibility across the medication journey



Inefficient inventory management leading to stock-outs and wastage



Limited clinical decision support for prescribers and nurses

YASASII MODULES DEPLOYED



e-Prescription (CPOE)



Clinical Decision Support



Allergy & Drug Interaction Alerts



Barcode Medication Administration (MAR)



Pharmacy Management



Inventory & Stock Control



Dashboards & Analytics



Audit & Compliance Management

BASELINE (PRE-IMPLEMENTATION)



12.6%

Medication Error Rate



45 min

Avg. Pharmacy Dispensing Time



68%

Inventory Accuracy



18.4

Adverse Drug Events (per 1,000 patient days)

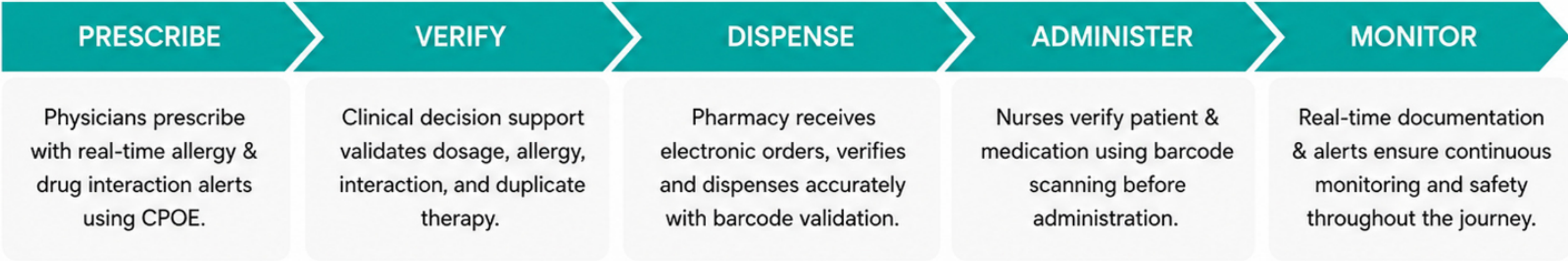


High

Manual Documentation



HOW YASASII HIS ENABLED ROOT-TO-OUTCOME MEDICATION MANAGEMENT



HOW YASASII HIS ENABESSED ROOT CAUSES

ROOT CAUSE		YASASII HIS MITIGATION
	Manual & paper-based processes	Digitized workflows with CPOE, eMAR, and automated documentation
	Limited visibility	Real-time dashboards for orders, inventory, and medication status
	Human errors	Barcode scanning, validation checks, and clinical decision support
	Stock management gaps	Automated inventory tracking with auto-replenishment and alerts
	Lack of standardization	Standardized protocols, templates, and audit trails across departments

OUTCOMES & IMPACT



Measurable improvements in safety, efficiency, and operational performance.



72%

Reduction in
Medication Errors



58%

Reduction in
Pharmacy Dispensing
Time



96%

Improvement in
Inventory Accuracy



67%

Reduction in
Adverse Drug
Events



23%

Reduction in
Medication
Related Costs



100%

Compliance with
Documentation
& Audit Trails



THE IMPACT

Yasasil HIS created a unified, closed-loop medication management system that ensures the right medication, for the right patient, at the right time—every time.



Safer
Patients



Efficient
Workflows



Actionable
Insights



Better
Outcomes