

# How a Leading Multi-Specialty Teaching Hospital in Ajman, UAE Transformed Pharmacy Operations with Yasasii HIS

Driving operational excellence, medication safety and patient satisfaction through intelligent pharmacy automation.

## ABOUT THE HOSPITAL



Location  
Ajman, UAE



Healthcare Segment  
Multi-specialty  
Teaching Hospital



250-350+ bed tertiary care facility



High-volume inpatient, outpatient  
and emergency services



Comprehensive pharmacy serving  
multiple clinical departments

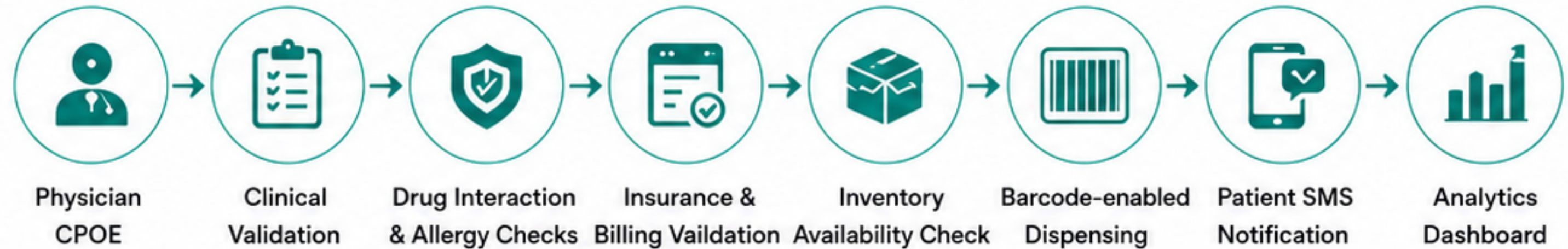


Digital transformation initiative  
focused on pharmacy automation,  
medication safety and operational  
efficiency

With increasing patient footfall and complex clinical needs, the hospital faced multiple challenges in managing pharmacy operations efficiently.

-  Long queues during peak outpatient hours
-  Delays caused by manual prescription validation
-  Limited visibility into prescription status
-  Frequent stock mismatches
-  High dependency on manual communication
-  Multiple disconnected systems
-  Lack of pharmacy performance analytics

## YASASII HIS SOLUTION: INTELLIGENT PHARMACY WORKFLOW

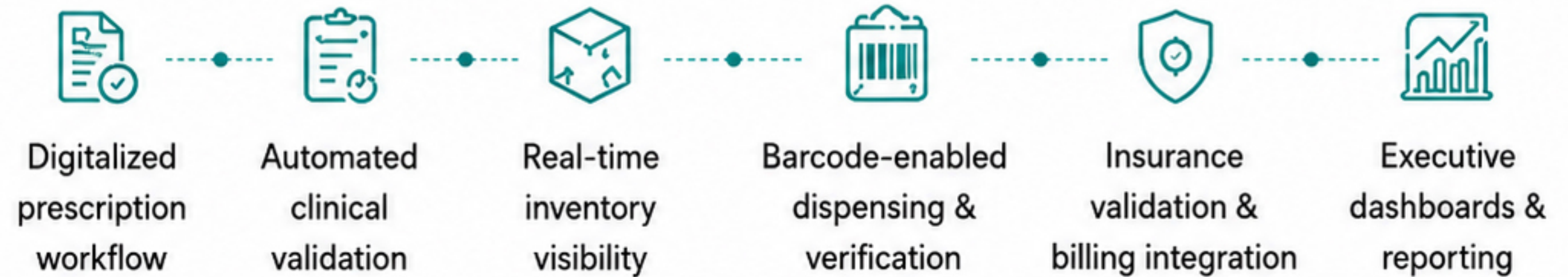


|                                   |                                                                                                                                                                     |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Physician CPOE                    | Doctors create electronic prescriptions using integrated CPOE, ensuring complete and accurate order entry.                                                          |
| Clinical Validation               | Yasasii automatically validates prescriptions against clinical rules, alerts for allergies, duplications and dosage inconsistencies before the order moves forward. |
| Drug Interaction & Allergy Checks | Real-time interaction and allergy screening enhances patient safety and reduces the risk of adverse drug events.                                                    |
| Insurance & Billing Validation    | Insurance eligibility and billing validations are performed instantly, minimizing claim rejections and delays.                                                      |
| Inventory Availability Check      | Real-time inventory integration ensures medicines are allocated only when stock is available, reducing substitutions and stock-outs.                                |
| Barcode-enabled Dispensing        | Barcode scanning verifies the right medication, right dose and right patient—every time.                                                                            |
| Patient SMS Notification          | Patients receive real-time SMS notifications on prescription status, readiness and collection, enhancing experience and transparency.                               |
| Analytics Dashboard               | Actionable insights and performance dashboards help pharmacy leaders monitor KPIs and drive continuous improvement.                                                 |

## YASASII MODULES DEPLOYED

-  Pharmacy Management
-  CPOE (e-Prescription)
-  Clinical Decision Support
-  Drug Interaction & Allergy Alerts
-  Barcode Medication Verification
-  Inventory & Stock Management
-  Billing & Insurance Integration
-  Analytics & Dashboards

## IMPLEMENTATION HIGHLIGHTS



## BUSINESS VALUE DELIVERED



Standardized Workflows



Better Coordination



Real-time Visibility



Improved Audit Readiness



Higher Regulatory Compliance



Reduced Operational Costs



Better Decision Making



Scalable for Future Growth



A unified digital platform that connects every step of the medication journey—ensuring accuracy, safety and efficiency across the hospital.

## 4 BUSINESS OUTCOMES ACHIEVED

Since implementing Yasasii HIS, the hospital has achieved significant improvements across pharmacy operations, clinical safety and overall efficiency.

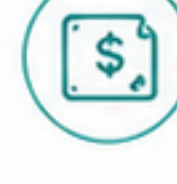
### OPERATIONAL EXCELLENCE

-  **42%**  
Reduction in average patient waiting time
-  **55%**  
Faster prescription processing
-  **28%**  
Increase in pharmacist productivity
-  **25%**  
Reduction in manual interventions

### CLINICAL EXCELLENCE

-  **30%**  
Better prescription accuracy
-  Significant reduction in medication errors through barcode & CDS
-  Strengthened allergy and drug interaction checks
-  Standardized medication workflows across departments

### MANAGEMENT EXCELLENCE

-  Real-time visibility into pharmacy and inventory performance
-  Improved inventory turnover and reduced stock-outs
-  Better financial control and claim accuracy
-  Comprehensive audit trails and regulatory compliance

### CUSTOMER SNAPSHOT

-  **Region**  
Ajman, UAE
-  **Healthcare Segment**  
Multi-specialty Teaching Hospital
-  **Solution**  
Yasasii HIS
-  **Modules**  
Pharmacy, CPOE, Inventory, Billing, Analytics
-  **Deployment**  
Enterprise HIS
-  **Focus**  
Pharmacy Automation & Medication Safety

