

Willow Build Validation - Test Script Template

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Test Cycle:	<input type="checkbox"/> Unit <input type="checkbox"/> Integrated <input type="checkbox"/> Dress Rehearsal	Module:	<input type="checkbox"/> Inpatient <input type="checkbox"/> Ambulatory <input type="checkbox"/> Both
Tester:	_____	Date:	_____
Environment:	_____	Build Version:	_____

INPATIENT - MEDICATION ORDER AND ROUTING

ID	Test Description / Steps	Expected Result	Status	Notes / Defect Ref
INP-001	Place standard PO antibiotic order via CPOE as physician. Confirm routing to central pharmacy queue.	Order appears in central pharmacy verification queue within 60 seconds. Status = Pending Verification.	<input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> N/A	
INP-002	Place IV chemotherapy order. Confirm routing to oncology satellite pharmacy, NOT central pharmacy.	Order routes to oncology pharmacy queue. Central pharmacy queue does not receive the order.	<input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> N/A	
INP-003	Place STAT IV order. Confirm STAT priority is displayed in pharmacy queue with correct escalation flag.	Order displays STAT indicator. Appears at top of pharmacy queue. Pharmacist alert fires.	<input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> N/A	
INP-004	Place order for non-formulary medication. Confirm non-formulary request workflow launches.	Non-formulary request form presents. Pharmacist receives workflow task. Order held pending approval.	<input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> N/A	
INP-005	Place order that triggers drug-drug interaction alert (use configured test pair). Review alert behavior.	CDS alert fires at configured severity. Override reason required. Override documented in audit trail.	<input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> N/A	

INPATIENT - BCMA AND HIGH-ALERT MEDICATIONS

ID	Test Description / Steps	Expected Result	Status	Notes / Defect Ref
INP-006	Scan patient wristband and insulin vial barcode in eMAR. Confirm 5 Rights check passes.	Right patient, drug, dose, route, time confirmed. Administration window opens. Documentation records.	<input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> N/A	
INP-007	Scan patient wristband and barcode for heparin drip. Confirm weight-based dose prompt if configured.	Dose check prompt appears. Nurse confirms dose. Administration documented with dose confirmed flag.	<input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> N/A	
INP-008	Attempt BCMA scan with expired medication. Confirm system response.	System displays expiration warning. Nurse prompted to confirm or reject. Override documented.	<input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> N/A	

INP-009	Attempt to administer medication to wrong patient (scan correct drug, wrong patient wristband).	System displays red stop alert: wrong patient. Administration blocked. Override requires supervisor.	[] Pass [] Fail [] N/A	
INP-010	Scan barcode for medication without NDC mapping. Confirm system response.	Medication not found error displays. Downtime override procedure available. Pharmacy alerted.	[] Pass [] Fail [] N/A	

INPATIENT - ADC INTERFACE

ID	Test Description / Steps	Expected Result	Status	Notes / Defect Ref
INP-011	Admit test patient. Confirm ADC cabinet updates with patient assignment within expected time window.	Patient name and medication list appear in correct ADC cabinet within 5 minutes of admit.	[] Pass [] Fail [] N/A	
INP-012	Transfer test patient between units. Confirm ADC updates in both origin and destination cabinets.	Patient removed from origin cabinet. Added to destination cabinet. Prior unit access removed.	[] Pass [] Fail [] N/A	
INP-013	Discharge test patient. Confirm ADC removes patient assignment and generates reconciliation task.	Patient removed from all cabinets. Discharge reconciliation task generated in pharmacy queue.	[] Pass [] Fail [] N/A	
INP-014	Pull controlled substance from ADC. Confirm witness requirement and charge generation.	Witness prompt fires for Schedule II. Transaction logs to controlled substance record. Charge posted.	[] Pass [] Fail [] N/A	

AMBULATORY - PRESCRIPTION RECEIPT AND PBM ADJUDICATION

ID	Test Description / Steps	Expected Result	Status	Notes / Defect Ref
AMB-001	Receive e-prescribe transmission via Surescripts for test patient. Confirm prescription appears in Willow queue.	Prescription received in incoming queue with all fields populated. Patient matched to Epic record.	[] Pass [] Fail [] N/A	
AMB-002	Submit adjudication for test prescription to PBM test environment. Confirm paid response processing.	Claim adjudicates as paid. Copay amount populated. Prescription moves to fill queue.	[] Pass [] Fail [] N/A	
AMB-003	Submit adjudication for prescription that triggers rejection code 70 (not covered). Confirm workflow.	Rejection reason displayed. Prior authorization workflow launches or manual review task created.	[] Pass [] Fail [] N/A	
AMB-004	Process prescription requiring prior authorization. Confirm PA workflow and hold status.	PA task created and assigned. Prescription status shows "PA Pending." Prescriber notification sent.	[] Pass [] Fail [] N/A	
AMB-005	Complete full prescription fill cycle: receive, adjudicate, fill, pharmacist check, dispense.	All workflow steps documented with timestamps. Patient notification sent. Prescription marked dispensed.	[] Pass [] Fail [] N/A	

AMBULATORY - SPECIALTY PHARMACY AND CONTROLLED SUBSTANCES

ID	Test Description / Steps	Expected Result	Status	Notes / Defect Ref
AMB-006	Process specialty medication requiring REMS enrollment check. Confirm system validation.	REMS compliance flag triggers. System validates enrollment before allowing fill to proceed.	<input type="checkbox"/> Pass [Fail [<input type="checkbox"/> N/A	
AMB-007	Process e-prescribed Schedule II controlled substance via EPCS. Confirm audit trail.	DEA-compliant digital signature validated. Prescription logged to controlled substance record.	<input type="checkbox"/> Pass [Fail [<input type="checkbox"/> N/A	
AMB-008	Attempt to fill Schedule II prescription received via fax (not EPCS-signed). Confirm block.	System flags as non-EPCS. Pharmacist prompted to verify paper original per state DEA requirements.	<input type="checkbox"/> Pass [Fail [<input type="checkbox"/> N/A	

INTERFACE VALIDATION

ID	Test Description / Steps	Expected Result	Status	Notes / Defect Ref
INT-001	Send ADT A01 (admit) HL7 message to Epic Bridges from test ADT source. Confirm processing.	Message accepted. No errors in Bridges log. Patient record updated. ADC sync triggered.	<input type="checkbox"/> Pass [Fail [<input type="checkbox"/> N/A	
INT-002	Validate lab result (serum creatinine) HL7 ORU message populates in clinical pharmacokinetics tool.	Lab value displays in vancomycin dosing tool within expected latency window. Value matches source.	<input type="checkbox"/> Pass [Fail [<input type="checkbox"/> N/A	
INT-003	Submit NCPDP D.0 test claim to PBM sandbox. Confirm response handling for paid and rejected claims.	Paid: copay populates, claim accepted. Rejected: rejection code mapped to workflow action correctly.	<input type="checkbox"/> Pass [Fail [<input type="checkbox"/> N/A	

QA Lead Sign-off: _____

Clinical Sign-off: _____

Date: _____

Cycle #: _____