

Cogito ETL & Report Validation Test Script

Clarity | Caboodle | Workbench |
SlicerDicer | TechFitFlow.com

Test Cycle:	<input type="checkbox"/> ETL Validation <input type="checkbox"/> Report Unit <input type="checkbox"/> Parallel Testing <input type="checkbox"/> BAT	Domain:	<input type="checkbox"/> Clarity <input type="checkbox"/> Caboodle <input type="checkbox"/> Workbench <input type="checkbox"/> SlicerDicer
Tester:	_____	Date:	_____
Environment:	_____	Build Version:	_____

CLARITY ETL VALIDATION

ID	Test Description / Steps	Expected Result	Status	Notes / Defect Ref
COG-00 1	After nightly ETL run, query PAT_ENC record count in Clarity. Compare to Chronicles encounter count for same date range using Epic operational report.	Clarity PAT_ENC count matches Chronicles count within 0.1% tolerance. No missing encounters from prior day. ETL job log shows successful completion.	<input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> N/A	
COG-00 2	Query CLARITY_ADT for all A01 (admit) events from the previous 24 hours. Compare count to ADT message log in Epic Bridges for the same period.	CLARITY_ADT admit event count matches Bridges ADT A01 message count. No admission events missing from Clarity. All ADT events extracted correctly.	<input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> N/A	
COG-00 3	Confirm near-real-time Clarity extract is active for ORD_MED_ADMIN. Administer a test medication, wait 30 minutes, query ORD_MED_ADMIN for the administration.	Medication administration appears in ORD_MED_ADMIN within the configured near-real-time window (15-60 min). Not waiting for nightly extract.	<input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> N/A	
COG-00 4	Select 10 random patient encounters. Compare PAT_ENC fields (admission date, discharge date, attending provider, department) against the Epic operational patient record.	All 10 records match Epic operational data exactly. No field truncation, encoding errors, or NULL values in required fields. Dates and provider names consistent.	<input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> N/A	
COG-00 5	Trigger an ETL failure by stopping the ETL service momentarily. Confirm DBA team receives an alert within 30 minutes.	ETL failure alert fires to configured DBA notification channel within 30 minutes. Alert includes job name, failure timestamp, and error message. ETL monitoring dashboard	<input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> N/A	

CABOODLE DATA WAREHOUSE VALIDATION

ID	Test Description / Steps	Expected Result	Status	Notes / Defect Ref
COG-00 6	Query EncounterFact row count for the last 30 days. Compare to Clarity PAT_ENC row count for the same date range and encounter types.	EncounterFact count matches Clarity PAT_ENC count within 0.5% tolerance. No encounter types missing from Caboodle dimensional model.	<input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> N/A	
COG-00 7	Query EncounterFact for a known readmission test patient. Confirm the 30-day readmission flag matches the org canonical readmission definition.	Readmission flag = 1 for patient with documented readmission within 30 days. Readmission flag = 0 for planned readmission (excluded per canonical definition). Caboodle flag matches manually calculated expected value.	<input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> N/A	
COG-00 8	Calculate LOS for 5 test patients using EncounterFact AdmitDate and DischargeDate fields. Compare to manually calculated LOS from CLARITY_ADT timestamps.	EncounterFact LOS calculation matches manually calculated calculation within 15-minute rounding tolerance. Org LOS definition (A01 to A03 timestamp) confirmed as source.	<input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> N/A	

COG-009	Query Caboodle for encounters from a non-Epic data source integrated into Caboodle (e.g., claims or financial). Confirm non-Epic records appear and link correctly to Epic patient records.	Non-Epic records present in Caboodle with correct patient key linkage. No orphaned non-Epic records without matching PatientDim key.	[] Pass [] Fail [] N/A	
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REPORTING WORKBENCH - SHIPPED REPORT VALIDATION

ID	Test Description / Steps	Expected Result	Status	Notes / Defect Ref
COG-010	Run the shipped CMS OP-18 (Door-to-Provider Time) report for the last 30 days. Verify door time source: confirm report uses earliest of registration OR triage time per CMS spec.	Door time = min(registration timestamp, triage timestamp) per OP-18 specification. Report does NOT use registration timestamp alone. Metric definition confirmed by quality analyst.	[] Pass [] Fail [] N/A	
COG-011	Run the shipped 30-day readmission report. Compare output to manually identified readmissions from the same period using clinical records review.	Report readmission count matches manual clinical review within 2% tolerance. Planned readmissions correctly excluded. CMS methodology applied per canonical definition.	[] Pass [] Fail [] N/A	
COG-012	Run the sepsis bundle compliance report using near-real-time Clarity data. Confirm medication administration timestamps reflect current-day administrations, not prior day.	Report includes medication administrations from current day within near-real-time latency window. Data is NOT limited to prior-night extract. Bundle compliance reflects daily census report delivered to all configured recipients by 6:30 AM.	[] Pass [] Fail [] N/A	
COG-013	Confirm scheduled report delivery: daily census report scheduled for 6:00 AM delivery. Verify delivery to configured recipients after ETL completion.	Daily census report delivered to all configured recipients by 6:30 AM. Report data reflects prior-day complete data. No delivery failures in email/fax log.	[] Pass [] Fail [] N/A	
COG-014	Run a report as a department manager. Confirm row-level security restricts data to the manager's department only - no other department data visible.	Report returns only encounters from the manager's configured department(s). No cross-department data visible. Row-level security enforced correctly per user role.	[] Pass [] Fail [] N/A	

SLICERDICER ACCESS CONTROLS AND DATA ACCURACY

ID	Test Description / Steps	Expected Result	Status	Notes / Defect Ref
COG-015	Log in as a department-level clinical user. Open SlicerDicer Encounters slicer. Confirm available patient population limited to own department patients.	SlicerDicer population filter restricts to department patients. Organization-wide patient cohorts not accessible. HIPAA minimum necessary population scope confirmed.	[] Pass [] Fail [] N/A	
COG-016	Attempt to access behavioral health patient data via SlicerDicer as a non-BH clinical user.	Behavioral health patient cohort not accessible or excluded from population. Sensitive patient data protected per privacy configuration. No BH data exposure to non-authorized role.	[] Pass [] Fail [] N/A	
COG-017	Run a SlicerDicer cohort analysis for heart failure patients in the last 12 months. Compare cohort count to a Reporting Workbench report for the same population and period.	SlicerDicer cohort count matches Reporting Workbench patient count within 1% tolerance. Same ICD-10 codes and encounter type filters.	[] Pass [] Fail [] N/A	
COG-018	Run a SlicerDicer session as a test user. Confirm session is logged in HIPAA audit trail with user identity, timestamp, and data elements accessed.	Produce consistent results across both tools. Audit log entry created for SlicerDicer session. User, timestamp, slicer used, and filters applied all visible in audit log. Log entry available within 24 hours.	[] Pass [] Fail [] N/A	

PARALLEL REPORTING AND LEGACY SYSTEM RECONCILIATION

ID	Test Description / Steps	Expected Result	Status	Notes / Defect Ref
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COG-019	Run Cogito daily census report and legacy system daily census report for the same date. Compare total patient counts, breakdown by unit, and average LOS.	Cogito and legacy system counts within 2% variance. Discrepancies documented with root cause. Differences attributable to known definition changes are accepted and documented.	<input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> N/A	
COG-020	Run Cogito ED throughput report and legacy ED report for the same month. Compare door-to-provider median, door-to-disposition median, and total ED visits.	Metrics within 9% variance for operational reports. CMS-submitted metrics within 1%. Any variance greater than threshold requires root cause analysis before report goes live.	<input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> N/A	
COG-021	Confirm post-upgrade ETL validation procedure: after simulated Epic upgrade in test environment, run ETL validation checklist and confirm all new data elements extracted correctly.	ETL validation checklist completed. All new Epic data elements present in Clarity and Caboodle tables. No silent ETL failures for new fields.	<input type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> N/A	

Cogito Analyst Sign-off: _____	Clinical Informatics Lead: _____	Date: _____	Cycle #: _____
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