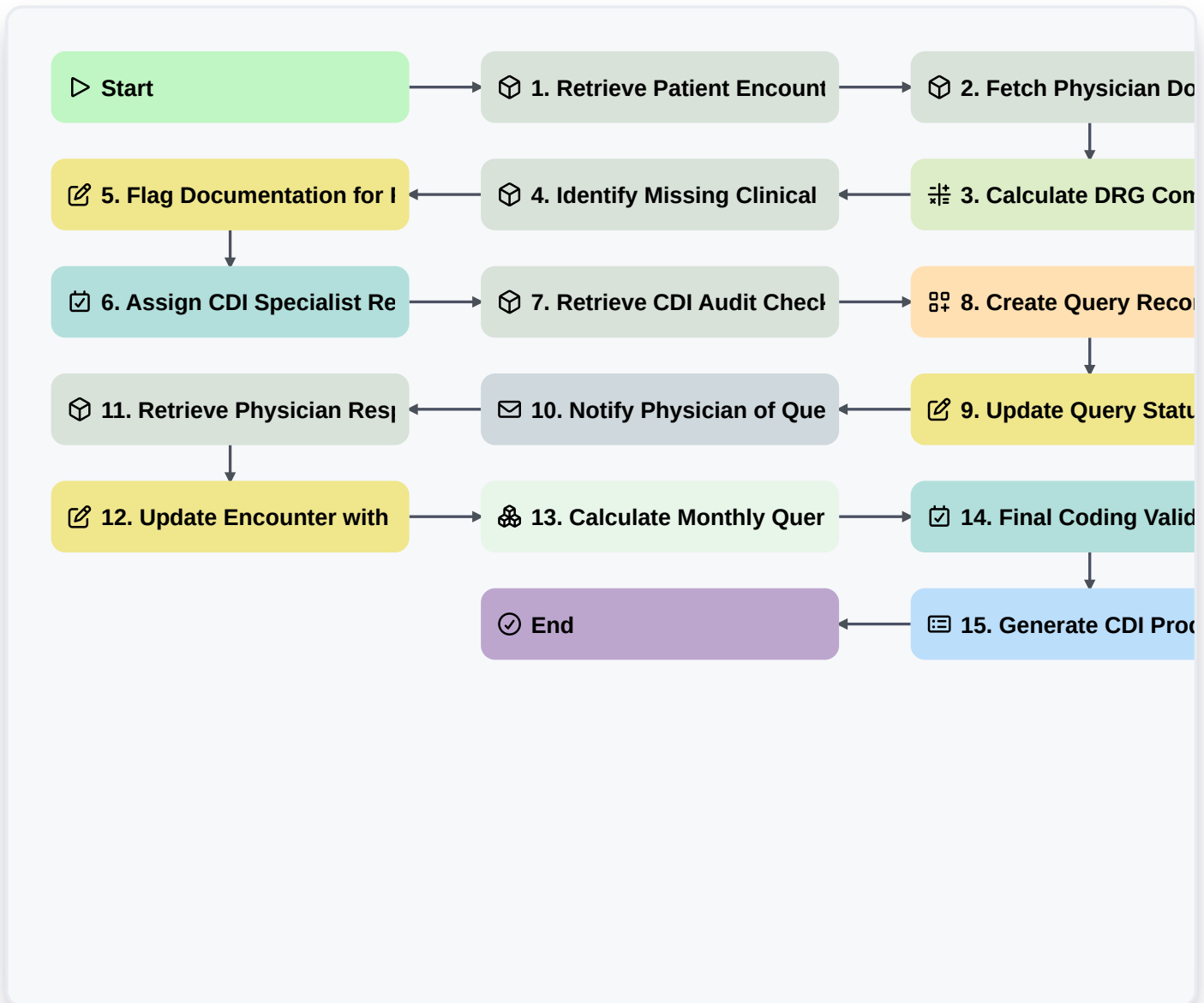


Clinical Documentation Improvement Workflow



Start

Start of the Workflow/Process.

1. Retrieve Patient Encounter Record

Fetch the clinical encounter data and patient demographics from the Patient Encounter data model.

2. Fetch Physician Documentation

Retrieve the recent clinical notes and discharge summaries written by the attending physician.

3. Calculate DRG Complexity Score

Execute a formula based on diagnosis severity and procedure intensity to determine the complexity level.

4. Identify Missing Clinical Indicators

Scan the retrieved documentation for missing required clinical elements (e.g., acuity, comorbidities).

5. Flag Documentation for Review

Update the status of the clinical record to 'Pending CDI Review' in the Encounter data model.

6. Assign CDI Specialist Review

Create a task for the assigned Clinical Documentation Improvement specialist to audit the chart.



7. Retrieve CDI Audit Checklist

Fetch the standard audit checklist template for the specific specialty being reviewed.

8. Create Query Record

Create a new entry in the 'Physician Queries' data model to track requests for clarification.

9. Update Query Status

Update the query record status to 'Open' once the specialist has identified a discrepancy.

10. Notify Physician of Query

Send an email to the attending physician containing the specific query details and a link to respond.

11. Retrieve Physician Response

Fetch the physician's clarification or amended note from the clinical documentation model.

12. Update Encounter with Clarified Data

Update the original Encounter record with the newly clarified diagnoses or severity of illness.

13. Calculate Monthly Query Response Rate

Aggregate all query entries for the current month to calculate the percentage of queries answered within 24 hours.

14. Final Coding Validation Task

Create a task for the Medical Coding team to finalize the codes based on the improved documentation.

15. Generate CDI Productivity Report

Create a report summarizing the number of charts reviewed, queries sent, and revenue impact identified.

End

End of the Workflow/Process.