

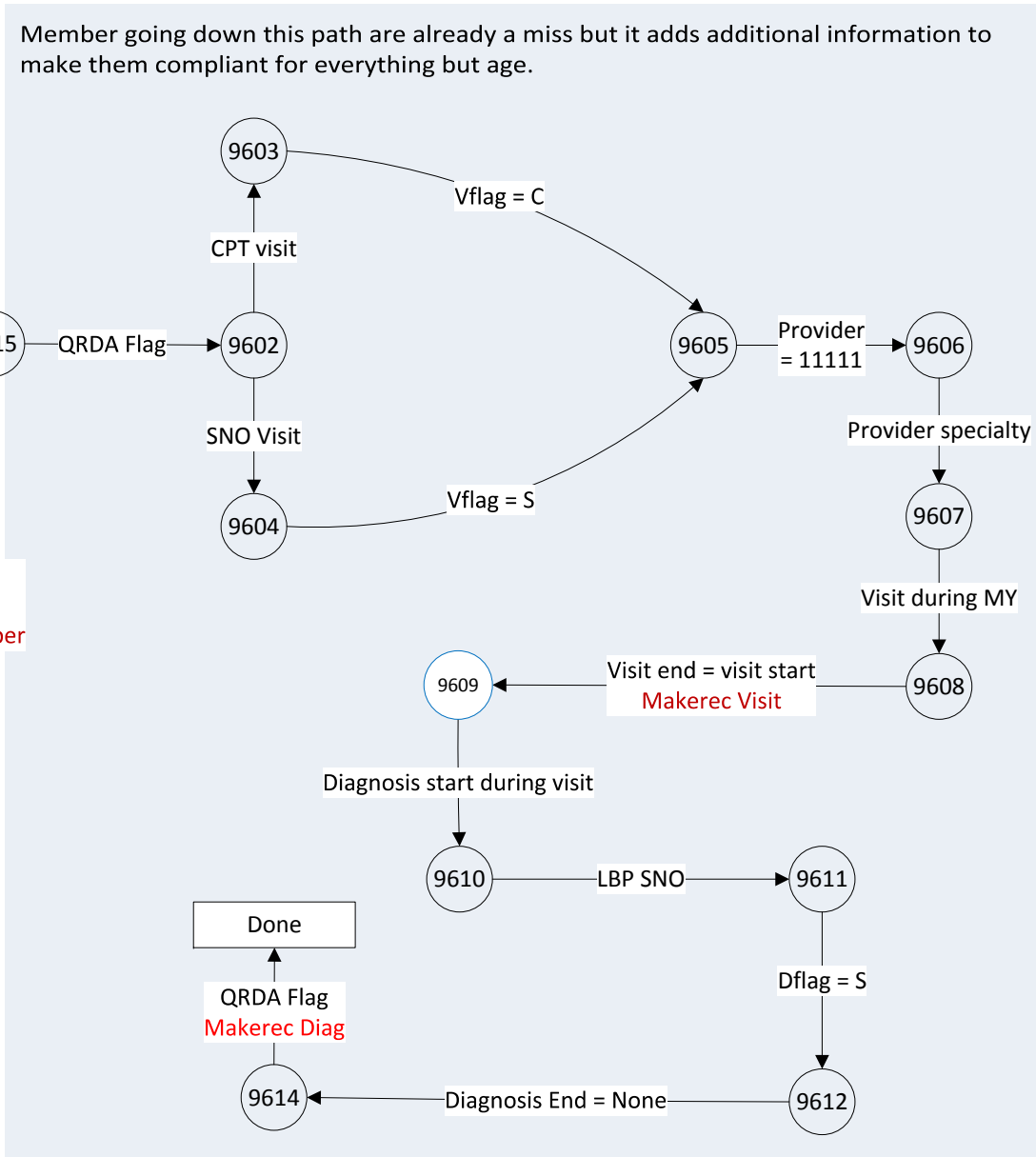
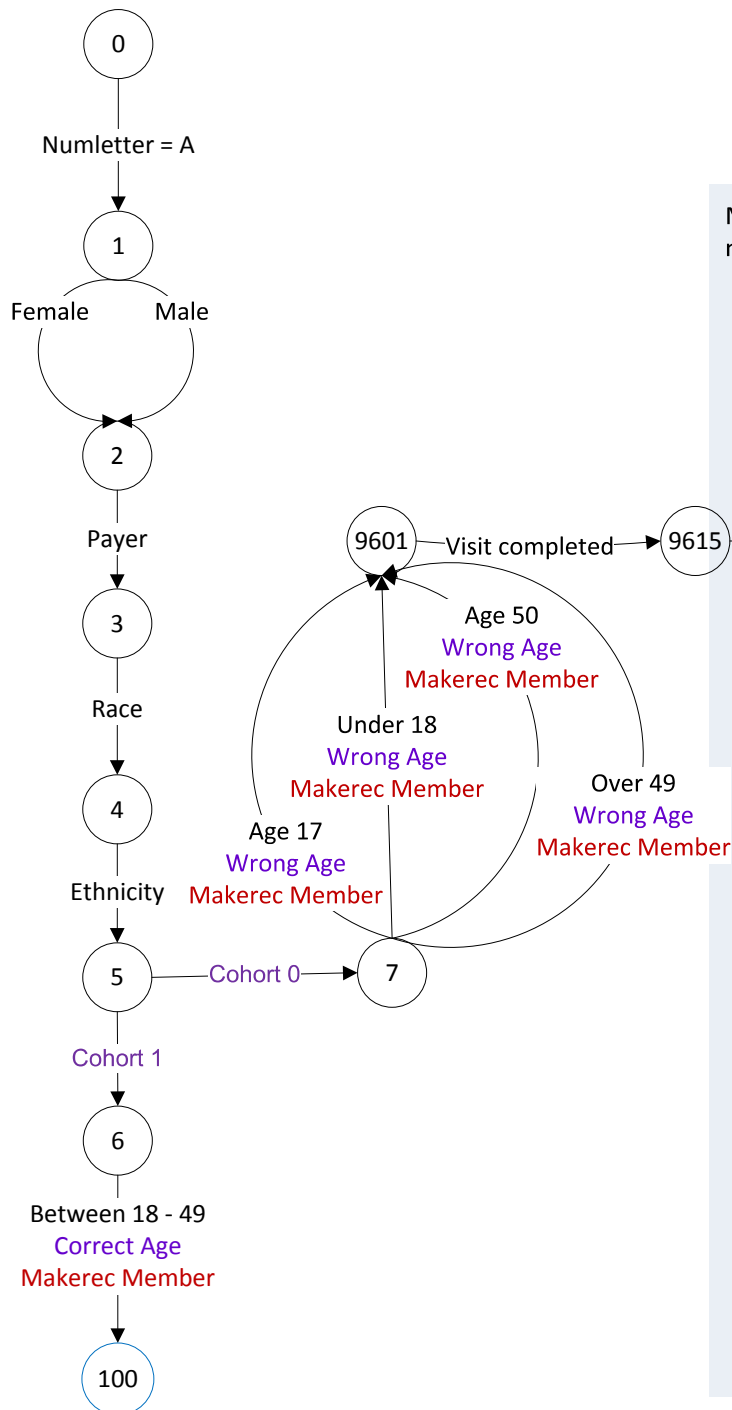
# Use of Imaging Studies for Low Back Pain

September 18, 2014

## NOTES

## MAINTENANCE HISTORY

11/10/2016 – Updated files and specifications for 2015  
12/15/2016 – Updated files and specifications for 2016



## Initial Patient Population =

- AND: "Occurrence A of Diagnosis: Low Back Pain" satisfies all
  - First: starts during "Measurement Period"
  - starts during Occurrence A of \$LBPEncounter
- AND: Age >= 18 year(s) at: "Measurement Period"
- AND: Age < 50 year(s) at: "Measurement Period"

## \$LBPEncounter =

- Union of:
  - "Encounter, Performed: Office Visit"
  - "Encounter, Performed: Emergency Department Visit"
  - "Encounter, Performed: Face-to-Face Interaction"
  - <= 337 day(s) starts after start of "Measurement Period"

## Low Back Pain

113\_12\_1011\_ICD10

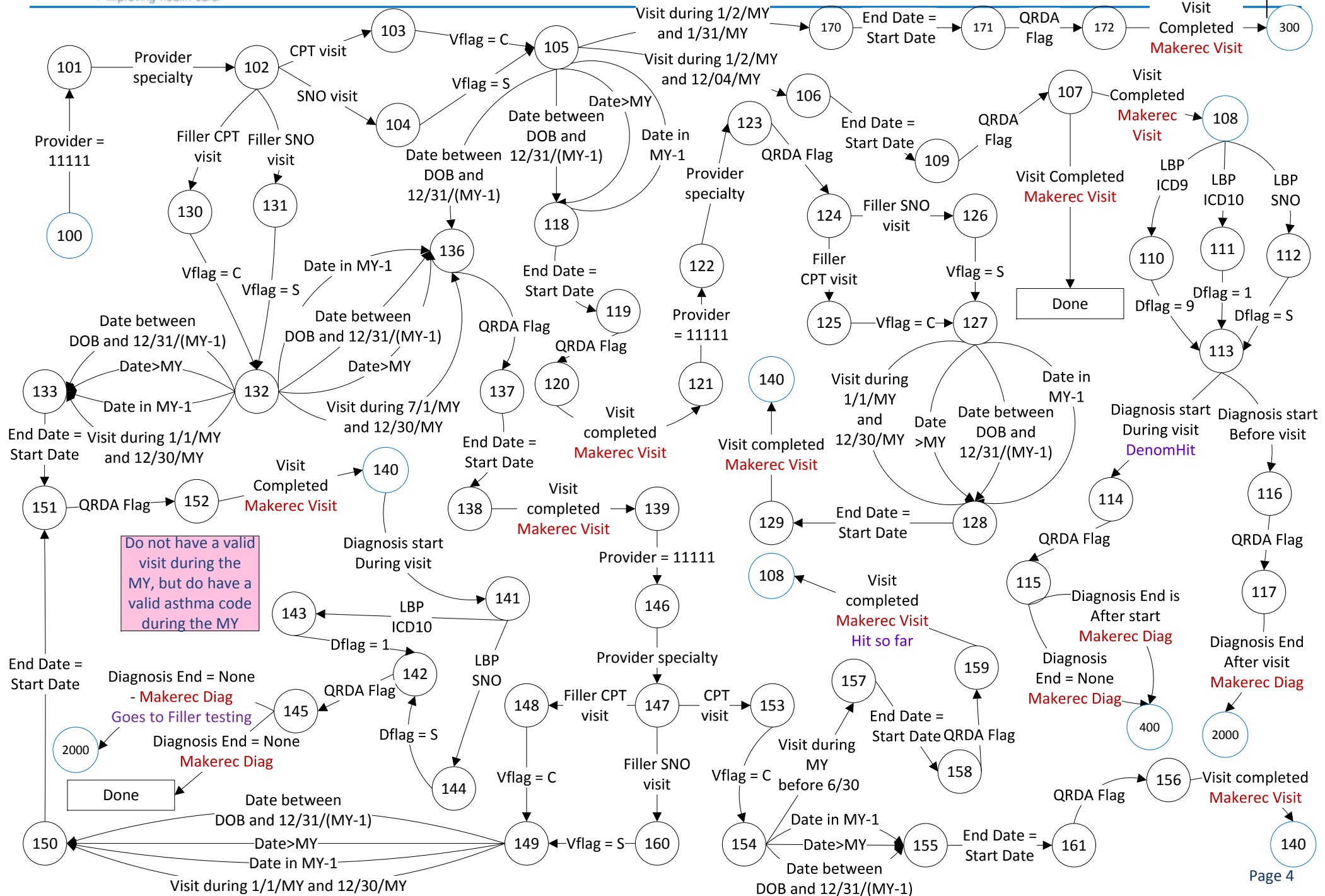
113\_12\_1011\_ICD9

113\_12\_1011\_SNO

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All exclusions have Valid visits only in Jan to prevent two LBP in MP



Do not have a valid visit during the MY, but do have a valid asthma code during the MY

Done

## Denominator Exclusions =

- OR: Union of:
  - "Diagnosis: Low Back Pain" <= 180 day(s) starts before start of "Occurrence A of Diagnosis: Low Back Pain"
  - "Diagnosis: All Cancer" starts before end of "Measurement Period"
  - \$DiagnosisTraumaIVDrugNeuroImpairment <= 365 day(s) starts before or concurrent with start of Occurrence A of \$LBPEncounter
  - \$DiagnosisTraumaIVDrugNeuroImpairment <= 28 day(s) starts after start of Occurrence A of \$LBPEncounter

## \$DiagnosisTraumaIVDrugNeuroImpairment =

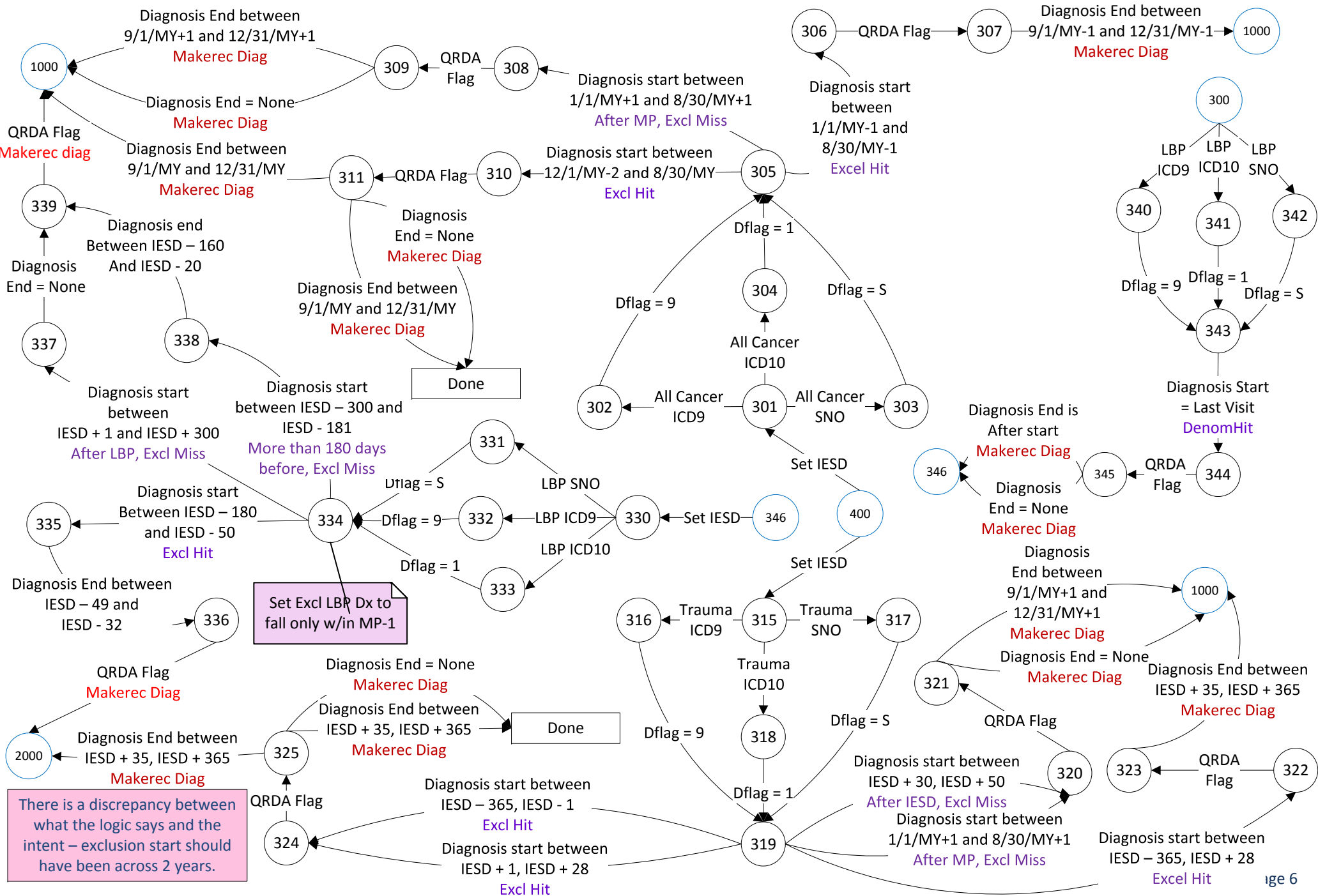
- Union of:
  - "Diagnosis: Trauma"
  - "Diagnosis: IV Drug Abuse"
  - "Diagnosis: Neurologic impairment"

## Cancer

108\_12\_1011\_ICD10  
108\_12\_1011\_ICD9  
108\_12\_1011\_SNO

## All other exclusions

LBP\_Neuro\_IV\_Trauma\_SNO  
LBP\_Neuro\_IV\_Trauma\_ICD10  
LBP\_Neuro\_IV\_Trauma\_ICD9



There is a discrepancy between what the logic says and the intent – exclusion start should have been across 2 years.

**Numerator =**

- AND NOT: Union of:
  - "Diagnostic Study, Performed: X-Ray of Lower Spine"
  - "Diagnostic Study, Performed: MRI of Lower Spine"
  - "Diagnostic Study, Performed: CT Scan of Lower Spine"
  - <= 28 day(s) starts after start of "Occurrence A of Diagnosis: Low Back Pain"

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