

# Controlling High Blood Pressure

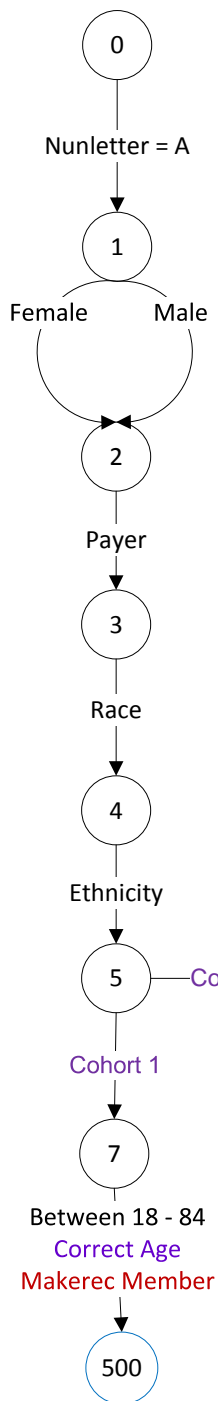
March 27, 2017

## NOTES

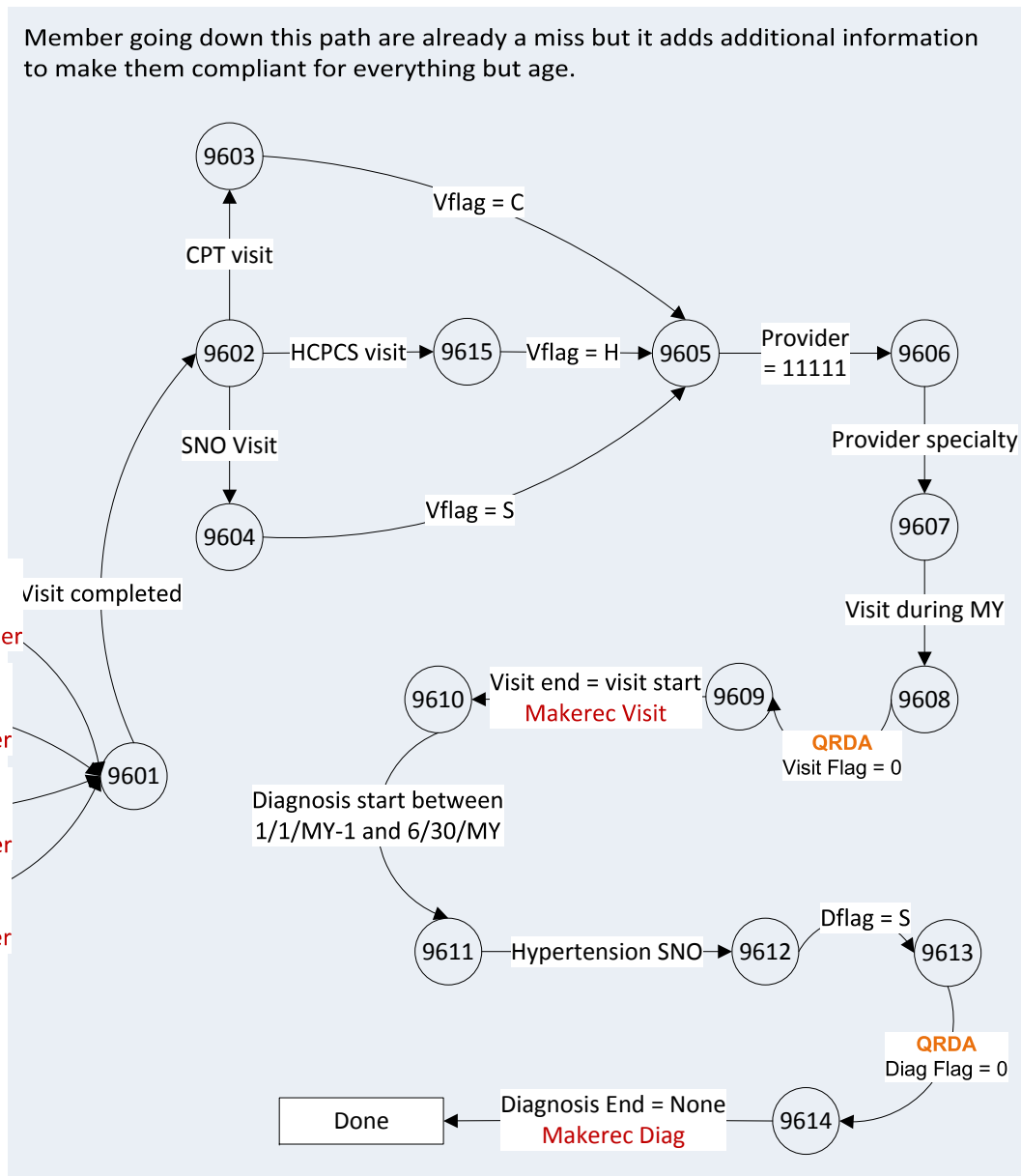
## MAINTENANCE HISTORY

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Member going down this path are already a miss but it adds additional information to make them compliant for everything but age.



- Age 17  
Wrong Age  
Makerec Member
- Under 18  
Wrong Age  
Makerec Member
- Over 84  
Wrong Age  
Makerec Member
- Age 85  
Wrong Age  
Makerec Member

- **Initial Patient Population =**

AND: Age >= 18 year(s) at: "Measurement Period"

AND: Age < 85 year(s) at: "Measurement Period"

AND: "Occurrence A of Diagnosis: Essential Hypertension" satisfies any:

- < 6 month(s) starts after start of "Measurement Period"
- satisfies all:
  - starts before start of "Measurement Period"
  - overlaps "Measurement Period"

AND: Union of:

- "Encounter, Performed: Office Visit" 101\_11\_1005\_CPT, 526\_2\_1363\_HCPCS
- "Encounter, Performed: Face-to-Face Interaction" 101\_11\_1216\_SNO
- "Encounter, Performed: Preventive Care Services - Established Office Visit, 18 and Up" 101\_11\_1005\_CPT
- "Encounter, Performed: Preventive Care Services-Initial Office Visit, 18 and Up" 101\_11\_1005\_CPT
- "Encounter, Performed: Home Healthcare Services" 101\_11\_1005\_CPT
- "Encounter, Performed: Annual Wellness Visit" 101\_11\_1005\_CPT
- during "Measurement Period"

**Essential hypertension**

104\_11\_1029\_SNO

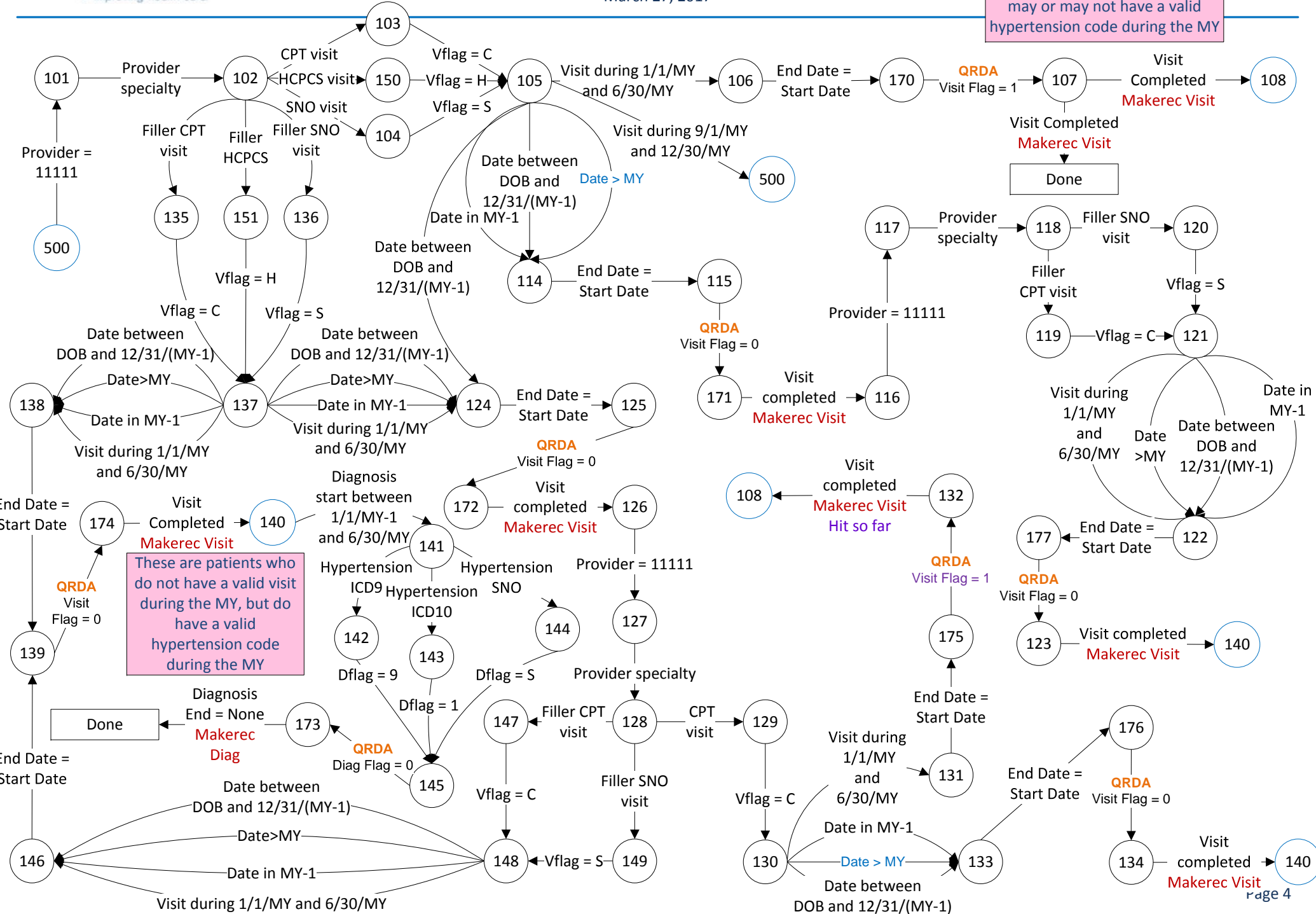
104\_11\_1030\_ICD9

104\_11\_1031\_ICD10

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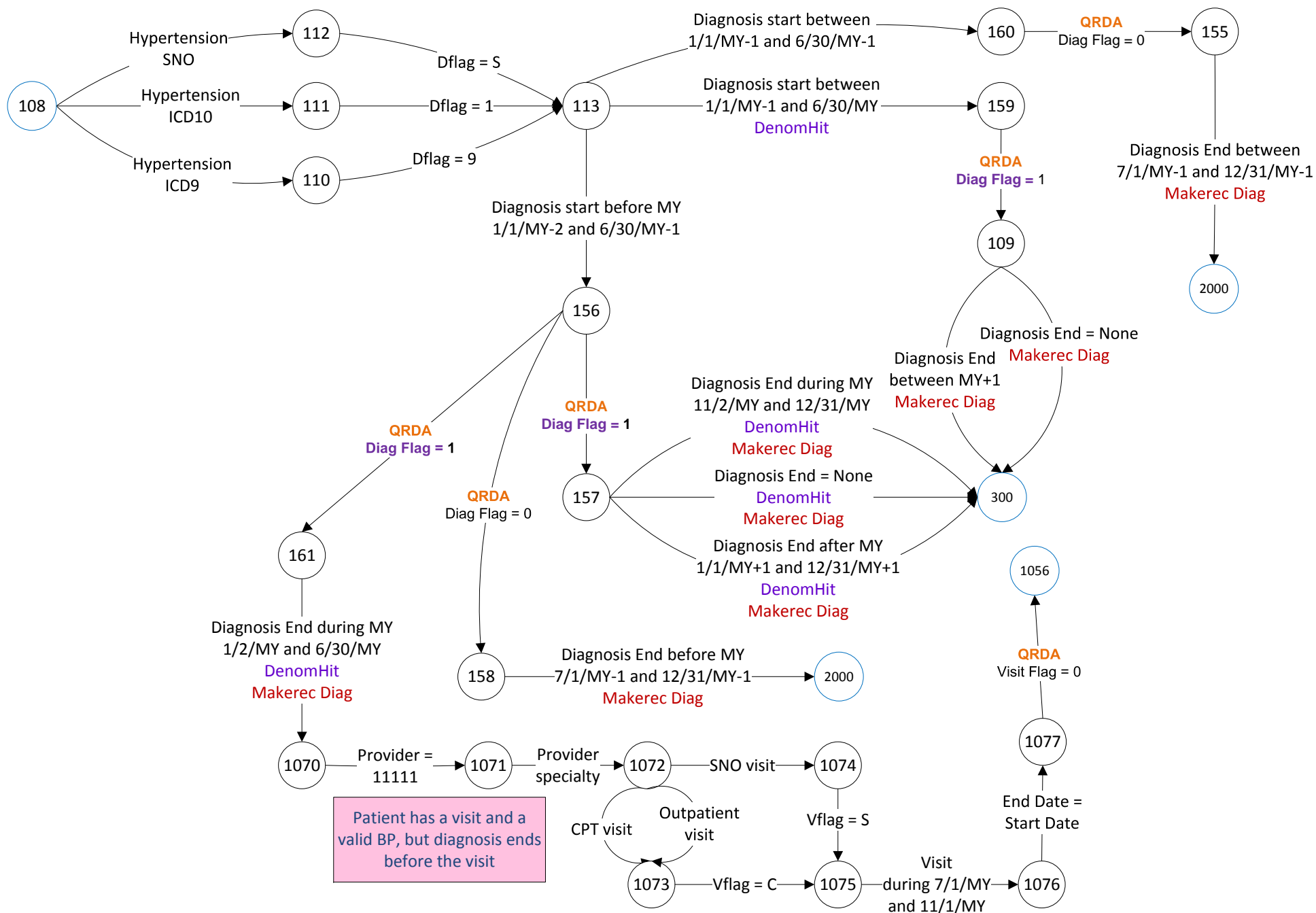
These are patients who have a valid visit during the MY, and may or may not have a valid hypertension code during the MY



These are patients who do not have a valid visit during the MY, but do have a valid hypertension code during the MY

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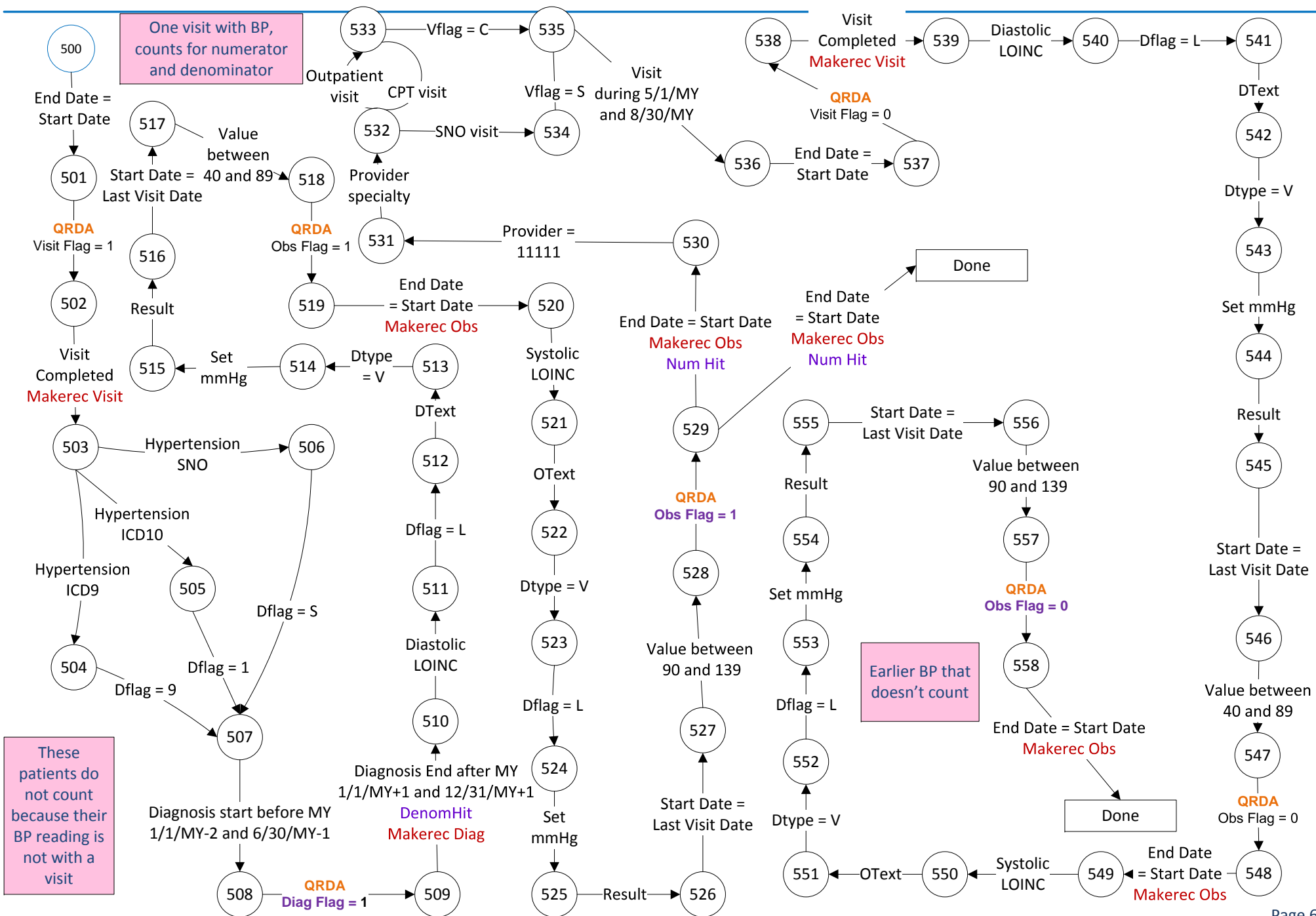
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Patient has a visit and a valid BP, but diagnosis ends before the visit

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One visit with BP, counts for numerator and denominator

Earlier BP that doesn't count

These patients do not count because their BP reading is not with a visit

- **Denominator Exclusions =**

OR: Union of:

- "Diagnosis: Pregnancy"
- "Diagnosis: End Stage Renal Disease"
- "Diagnosis: Chronic Kidney Disease, Stage 5"
- overlaps "Measurement Period"

OR: Union of:

- "Procedure, Performed: Vascular Access for Dialysis" 109\_11\_1023\_SNO, 109\_11\_1022\_SNO
- "Encounter, Performed: ESRD Monthly Outpatient Services" 109\_11\_1029\_CPT
- "Procedure, Performed: Kidney Transplant" 109\_11\_1024\_SNO, 109\_11\_1025\_CPT
- "Procedure, Performed: Dialysis Services" 109\_11\_1026\_CPT, 109\_11\_1027\_HCPCS, 109\_11\_1028\_SNO
- "Intervention, Performed: Other Services Related to Dialysis" 109\_11\_1030\_SNO
- "Intervention, Performed: Dialysis Education" 109\_11\_1031\_SNO
- starts before end of "Measurement Period"

**Pregnancy**

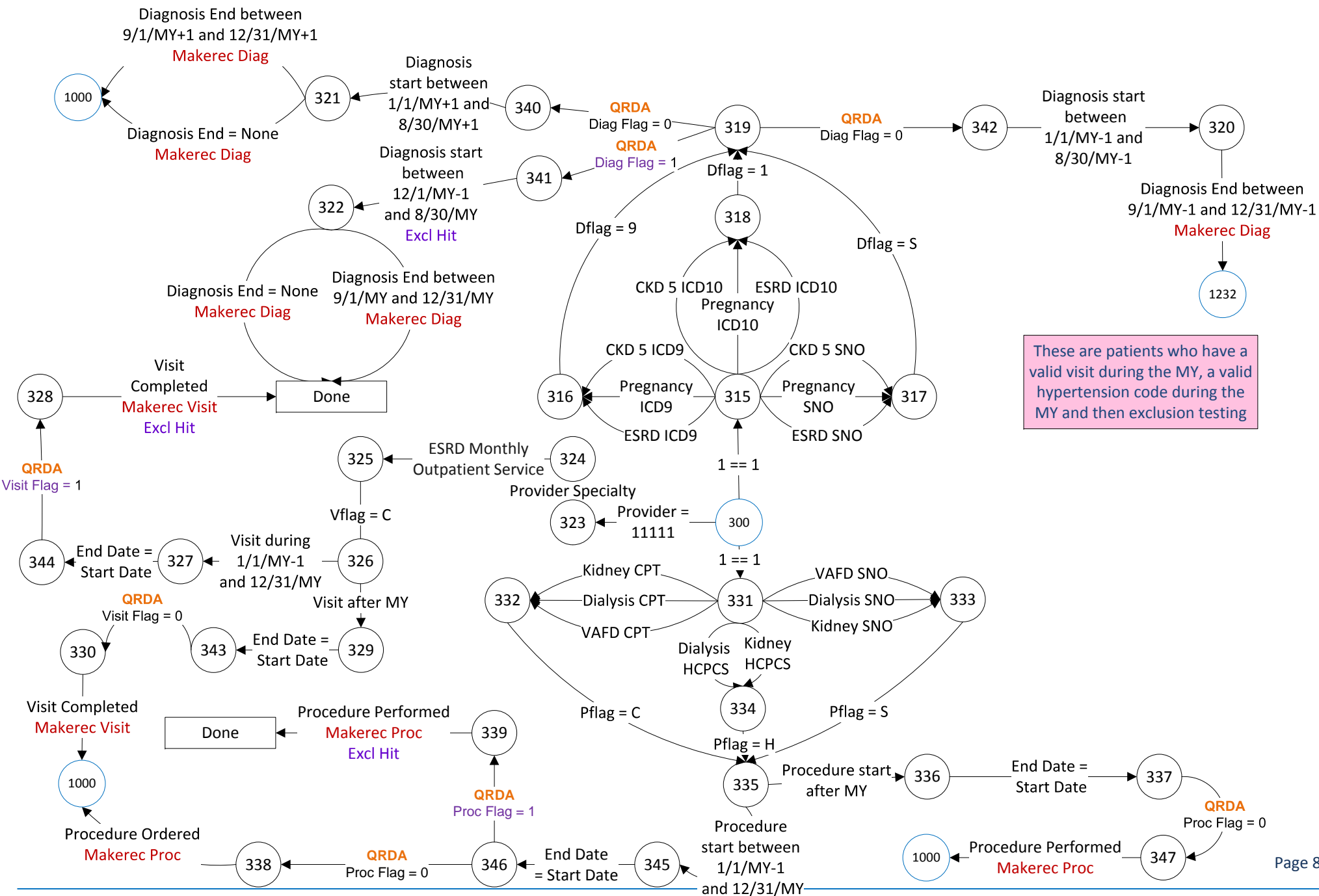
526\_2\_242\_ICD10  
526\_2\_243\_ICD9  
526\_2\_532\_SNO

**ESRD**

526\_2\_589\_ICD10  
526\_2\_590\_SNO  
526\_2\_591\_ICD9

**CKD Stage 5**

526\_2\_1035\_ICD9  
526\_2\_1036\_ICD10  
526\_2\_1037\_SNO





- Numerator =

AND: Most Recent:

- "Occurrence A of Encounter, Performed: Adult Outpatient Visit" satisfies all:
  - overlaps "Occurrence A of Diagnosis: Essential Hypertension"
  - during "Measurement Period"
  - overlaps "Physical Exam, Performed: Diastolic Blood Pressure (result)" 526\_2\_1045\_LOINC
  - overlaps "Physical Exam, Performed: Systolic Blood Pressure (result)" 526\_2\_1044\_LOINC

AND: "Physical Exam, Performed: Diastolic Blood Pressure" satisfies all:

- Most Recent: during "Occurrence A of Encounter, Performed: Adult Outpatient Visit"
- (result < 90 mmHg)

AND: "Physical Exam, Performed: Systolic Blood Pressure" satisfies all:

- Most Recent: during "Occurrence A of Encounter, Performed: Adult Outpatient Visit"
- (result < 140 mmHg)

Office Visit" 101\_11\_1005\_CPT

Outpatient Consultation" 101\_11\_1040\_CPT

Preventive Care Services-Initial Office Visit, 18 and Up" 101\_11\_1005\_CPT

Preventive Care Services - Established Office Visit, 18 and Up" 101\_11\_1005\_CPT

Face-to-Face Interaction" 101\_11\_1216\_SNO

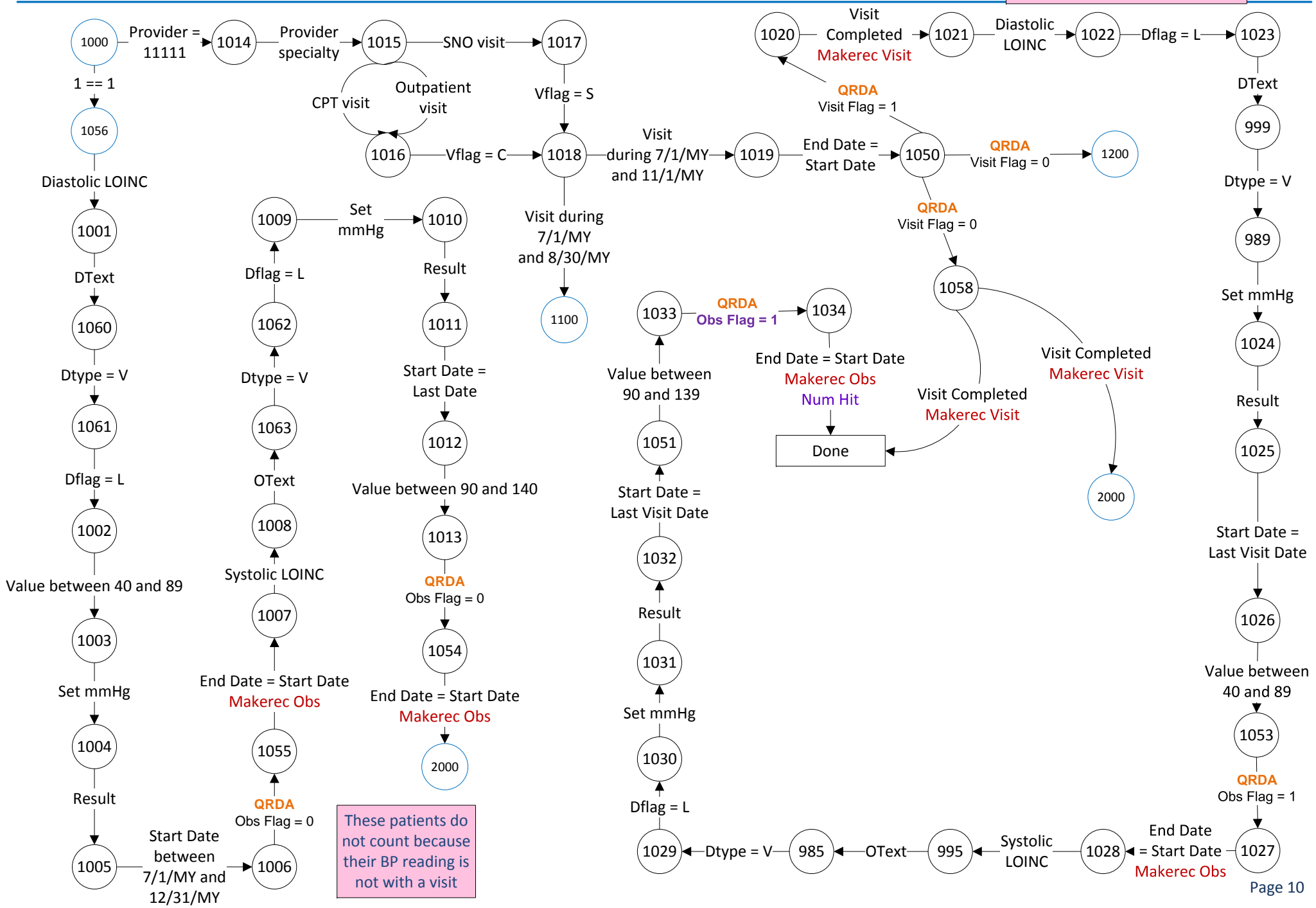
Home Healthcare Services" 101\_11\_1005\_CPT

Annual Wellness Visit" 101\_11\_1005\_CPT

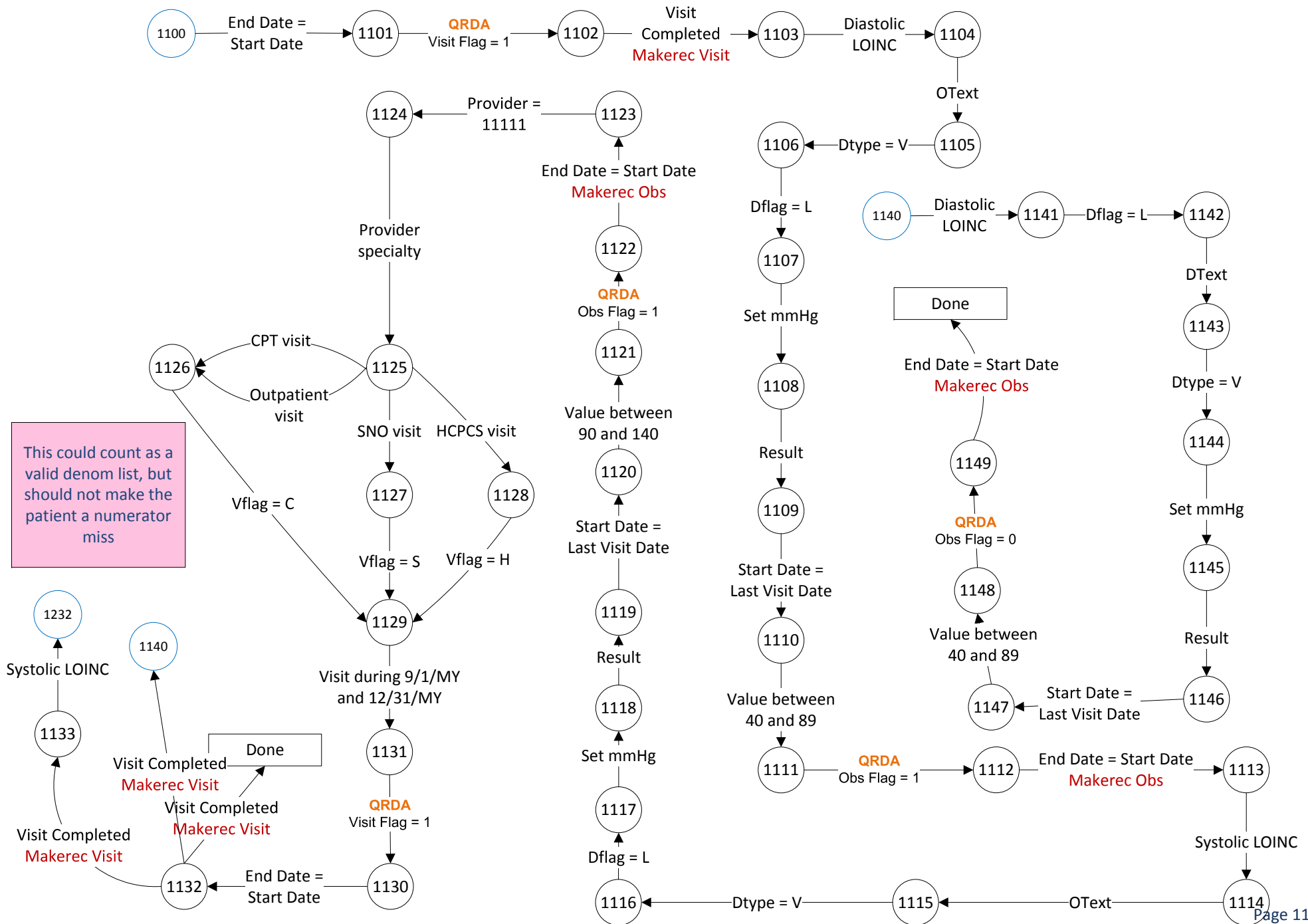
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These are patients who have a valid visit during the MY, and may or may not have a valid hypertension code during the MY



These patients do not count because their BP reading is not with a visit



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These patients do not have a valid BP during their visit.

