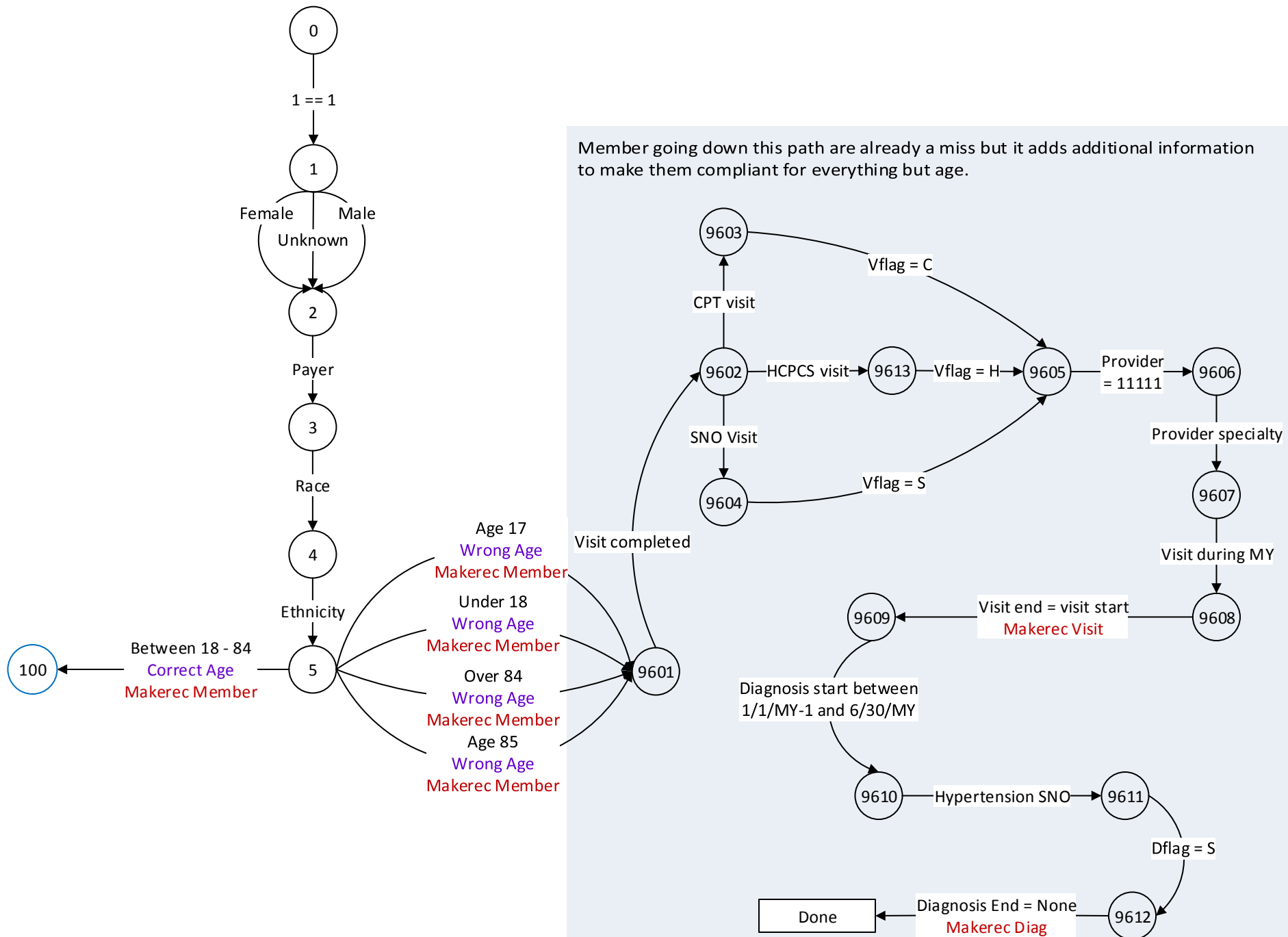


Controlling High Blood Pressure

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- **Initial Patient Population =**
 - AND: "Patient Characteristic Birthdate: birth date" >= 18 year(s) starts before start of "Measurement Period"
 - AND: "Patient Characteristic Birthdate: birth date" < 85 year(s) starts before start of "Measurement Period"
 - AND:
 - OR: "Occurrence A of Diagnosis, Active: **Essential Hypertension**" <= 6 month(s) starts after start of "Measurement Period"
 - OR:
 - AND NOT: "Occurrence A of Diagnosis, Active: **Essential Hypertension**" ends before start of "Measurement Period"
 - AND: "Occurrence A of Diagnosis, Active: **Essential Hypertension**" starts before start of "Measurement Period"
 - AND:
 - OR: "Encounter, Performed: **Office Visit**" **101_11_1005_CPT, 526_2_1363_HCPCS**
 - OR: "Encounter, Performed: **Face-to-Face Interaction**" **101_11_1216_SNO**
 - OR: "Encounter, Performed: **Preventive Care Services - Established Office Visit, 18 and Up**" **101_11_1005_CPT**
 - OR: "Encounter, Performed: **Preventive Care Services-Initial Office Visit, 18 and Up**" **101_11_1005_CPT**
 - OR: "Encounter, Performed: **Home Healthcare Services**" **101_11_1005_CPT**
 - OR: "Encounter, Performed: **Annual Wellness Visit**" **101_11_1005_CPT**
 - during "Measurement Period"

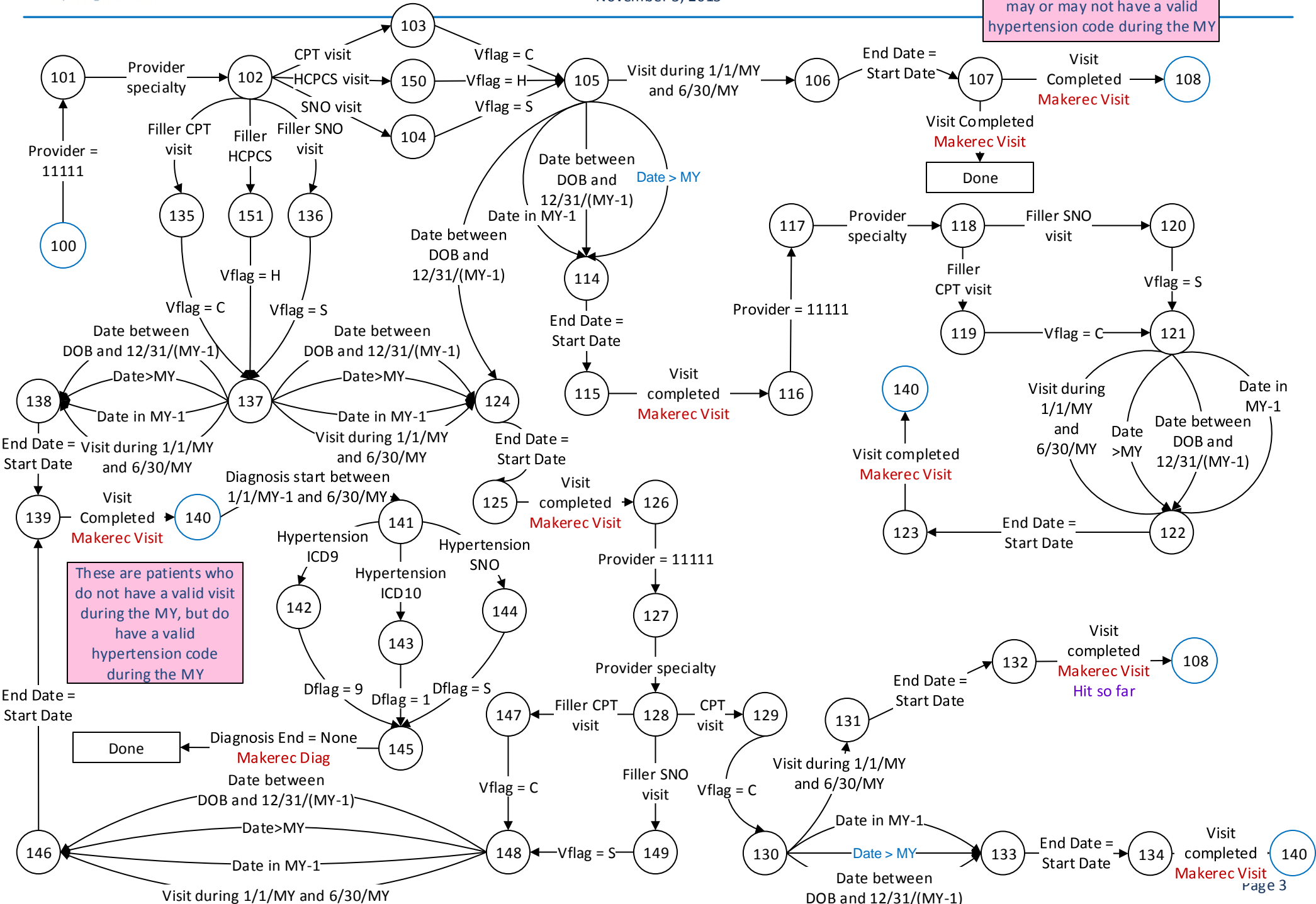
Essential hypertension

104_11_1029_SNO
104_11_1030_ICD9
104_11_1031_ICD10

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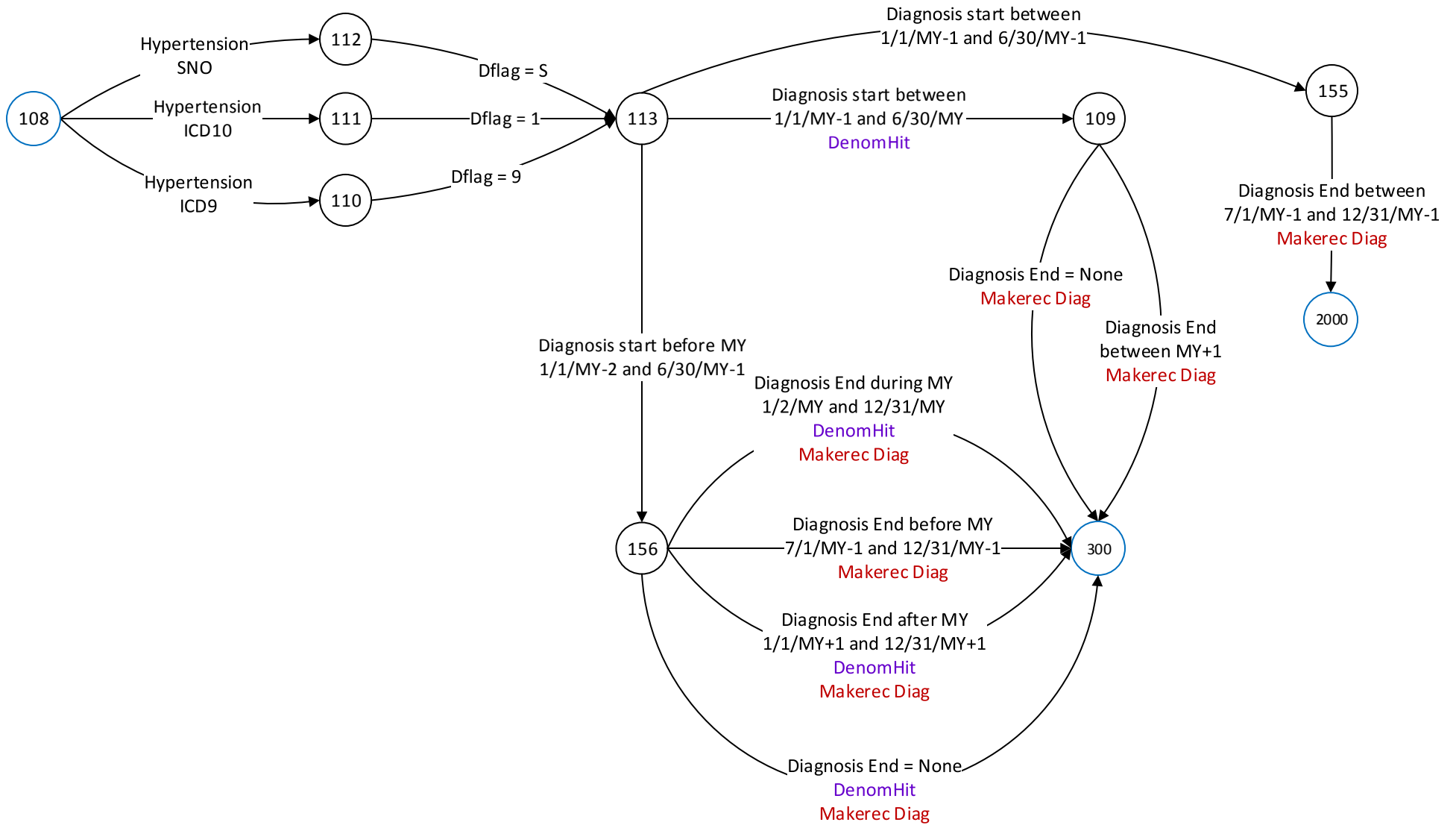
These are patients who have a valid visit during the MY, and may or may not have a valid hypertension code during the MY



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

Controlling High Blood Pressure

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- **Denominator Exclusions =**
 - AND:
 - OR:
 - AND NOT: "Occurrence A of Diagnosis, Active: **Pregnancy**" ends before start of "Measurement Period"
 - AND: "Occurrence A of Diagnosis, Active: **Pregnancy**" starts before or during "Measurement Period"
 - OR:
 - AND NOT: "Occurrence A of Diagnosis, Active: **End Stage Renal Disease**" ends before start of "Measurement Period"
 - AND: "Occurrence A of Diagnosis, Active: **End Stage Renal Disease**" starts before or during "Measurement Period"
 - OR:
 - AND NOT: "Occurrence A of Diagnosis, Active: **Chronic Kidney Disease, Stage 5**" ends before start of "Measurement Period"
 - AND: "Occurrence A of Diagnosis, Active: **Chronic Kidney Disease, Stage 5**" starts before or during "Measurement Period"
 - OR:
 - OR: "Procedure, Performed: **Vascular Access for Dialysis**" **109_11_1023_SNO, 109_11_1022_SNO**
 - OR: "Encounter, Performed: **ESRD Monthly Outpatient Services**" **109_11_1029_CPT**
 - OR: "Procedure, Performed: **Kidney Transplant**" **109_11_1024_SNO, 109_11_1025_CPT**
 - OR: "Procedure, Performed: **Dialysis Services**" **109_11_1026_CPT, 109_11_1027_HCPCS, 109_11_1028_SNO**
 - OR: "Intervention, Performed: **Other Services Related to Dialysis**" **109_11_1030_SNO**
 - OR: "Intervention, Performed: **Dialysis Education**" **109_11_1031_SNO**
 - starts before or during "Measurement Period"

Pregnancy

526_2_242_ICD10

526_2_243_ICD9

526_2_532_SNO

ESRD

526_2_589_ICD10

526_2_590_SNO

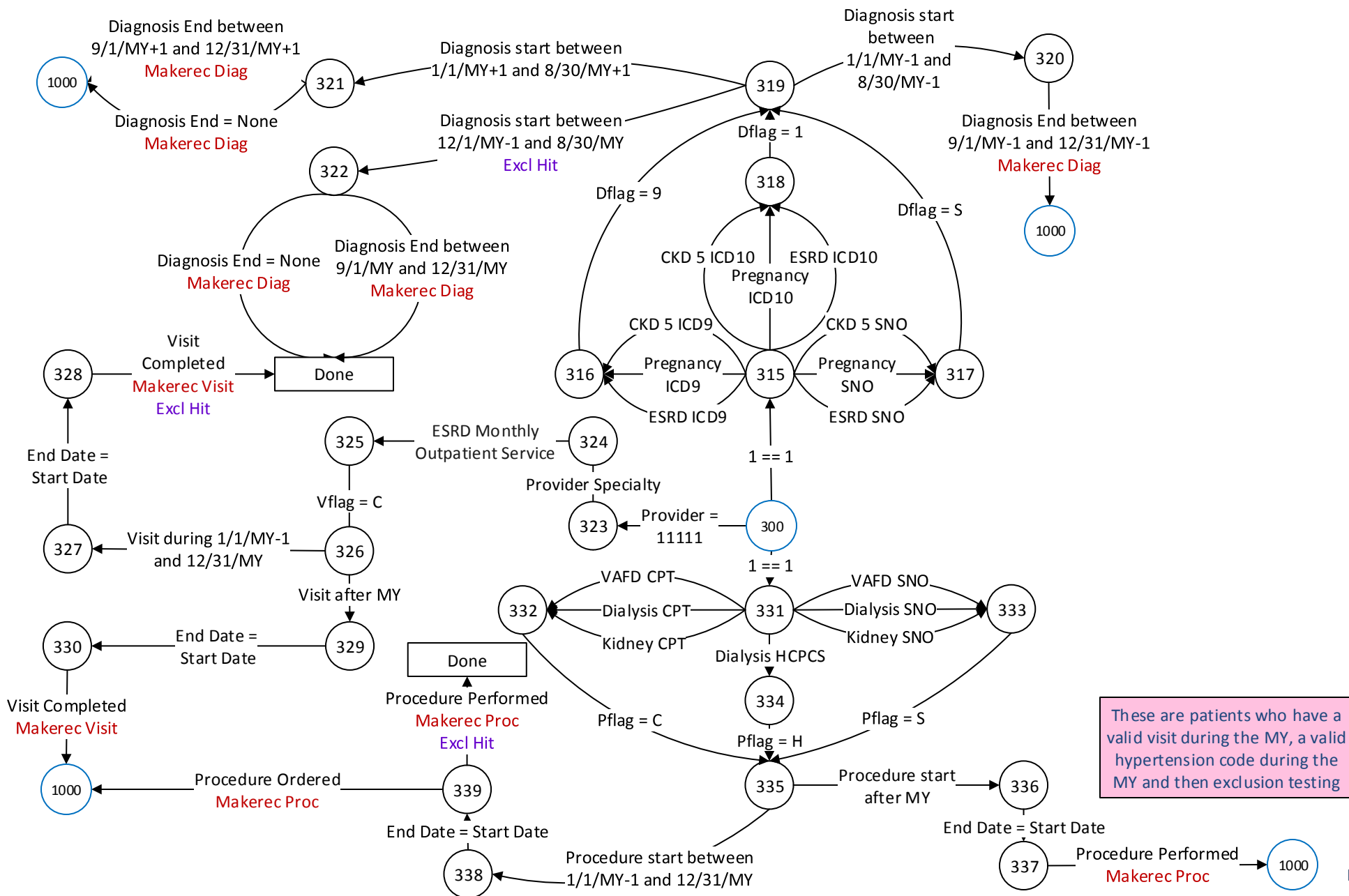
526_2_591_ICD9

CKD Stage 5

526_2_1035_ICD9

526_2_1036_ICD10

526_2_1037_SNO

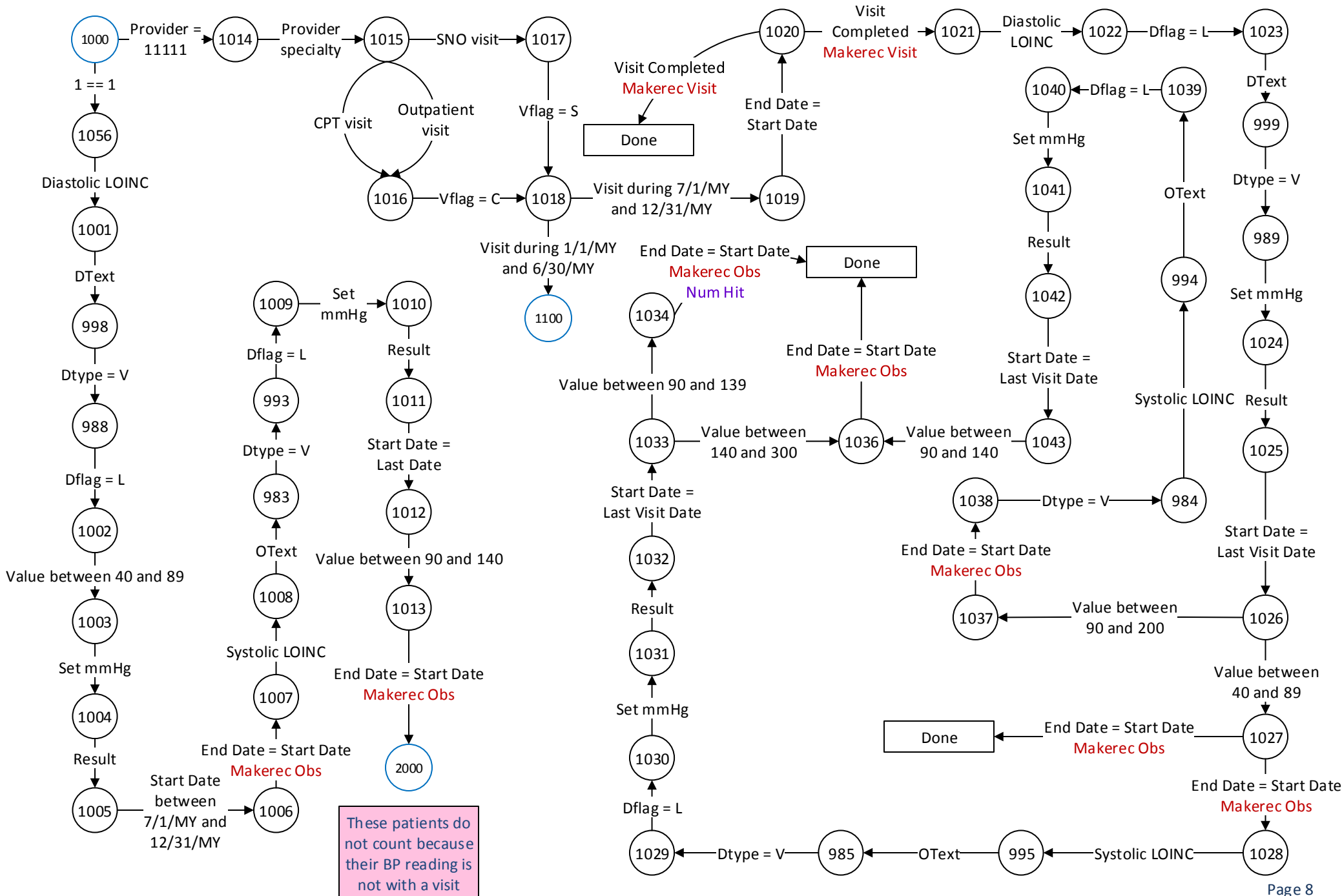


- **Numerator =**
 - AND:
 - AND: "Physical Exam, Finding: **Diastolic Blood Pressure** (result < 90 mmHg)" **526_2_1045_LOINC**
 - AND: "Physical Exam, Finding: **Systolic Blood Pressure** (result < 140 mmHg)" **526_2_1044_LOINC**
 - during MOST RECENT:
 - OR: "Encounter, Performed: **Office Visit**" **101_11_1005_CPT**
 - OR: "Encounter, Performed: **Outpatient Consultation**" **101_11_1040_CPT**
 - OR: "Encounter, Performed: **Preventive Care Services-Initial Office Visit, 18 and Up**" **101_11_1005_CPT**
 - OR: "Encounter, Performed: **Preventive Care Services - Established Office Visit, 18 and Up**" **101_11_1005_CPT**
 - OR: "Encounter, Performed: **Face-to-Face Interaction**" **101_11_1216_SNO**
 - OR: "Encounter, Performed: **Home Healthcare Services**" **101_11_1005_CPT**
 - OR: "Encounter, Performed: **Annual Wellness Visit**" **101_11_1005_CPT**
 - during "Measurement Period"

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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



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