Document Links:

CGPI Validation Module

CGPI Core Module

CERNER (system flag)
Flag indicating facility has
upgraded to the Cerner eHR

COHORT
16. AMI - Outpatient visit
48. Female, age 20-69
50. Random Sample
51. Random Sample MH
54. Frail/Elderly
60. DM Outpatient
68. Contract CBOC

FEFLAG (rcvd on pull list)
FE case flagged for CGPI review /
scoring?
0. No
1. Yes

REVSTAT
REVIEW STATUS (not abstracted)
0. Abstraction has not begun
1. Abstraction in progress
2. Abstraction completed w/o errors
3. TVG failure (exclusion)
4. Record missing required answers
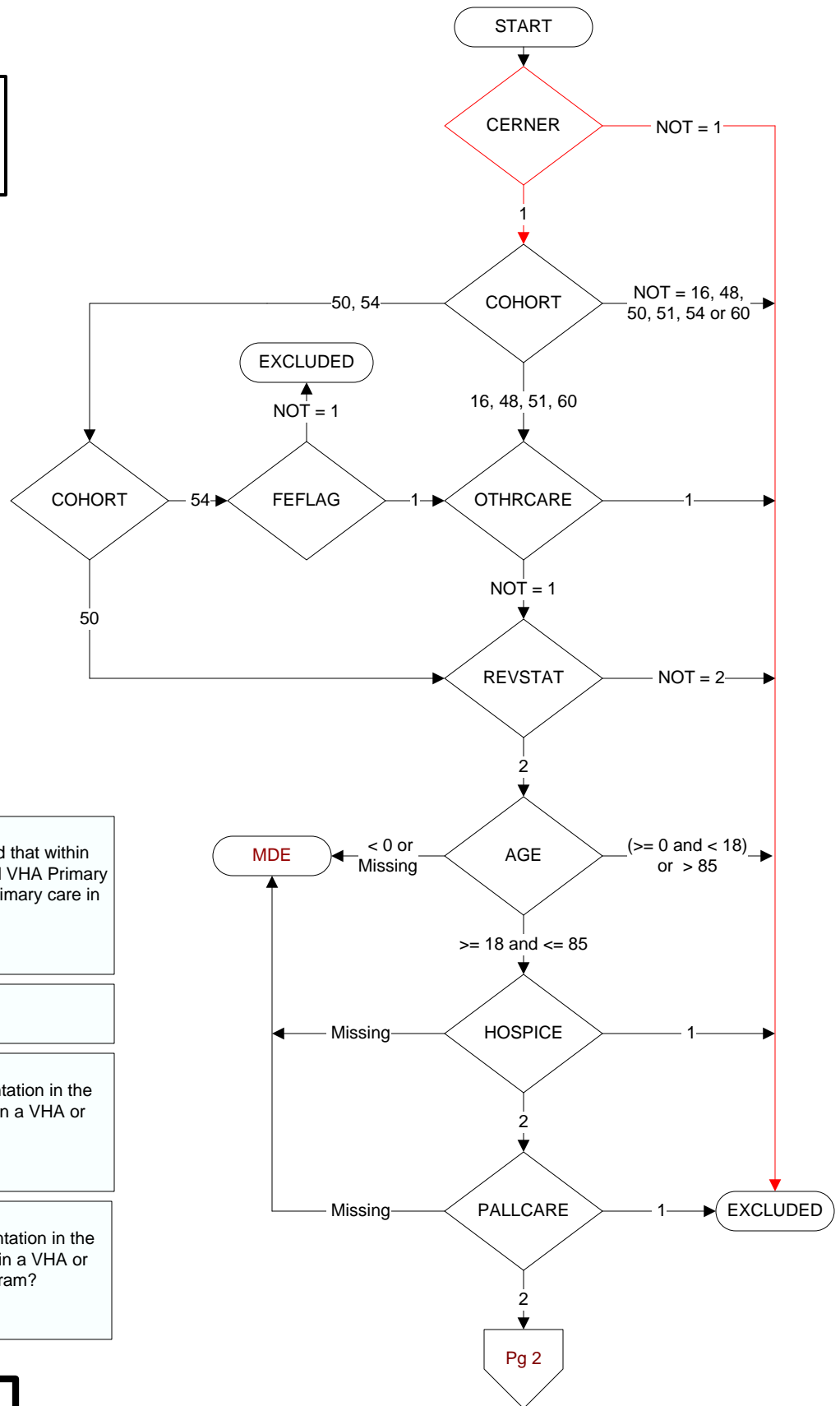5. Administrative exclusion

OTHRCARE (Validation)
Is there evidence in the medical record that within
the past two years, the patient refused VHA Primary
Care and is receiving ONLY his/her primary care in
a non-VHA setting?
1. yes
2. no

AGE (Calculated field)
NEXUS clinic visit date – BIRTHDT

HOSPICE (Validation)
During the past year is there documentation in the
medical record the patient is enrolled in a VHA or
community-based hospice program?
1. Yes
2. No

PALLCARE (Validation)
During the past year is there documentation in the
medical record the patient is enrolled in a VHA or
community-based palliative care program?
1. Yes
2. No

MDE = Missing or
Invalid Data Exclusion
(data error)

START

CERNER — NOT = 1

1

COHORT — 50, 54 / NOT = 16, 48, 50, 51, 54 or 60 / 16, 48, 51, 60

EXCLUDED — NOT = 1

COHORT — 54 — FEFLAG — 1 — OTHRCARE — 1

50

NOT = 1

REVSTAT — NOT = 2

2

MDE — < 0 or Missing — AGE — (>= 0 and < 18) or > 85

>= 18 and <= 85

HOSPICE — Missing / 1

2

PALLCARE — Missing / 1 — EXCLUDED

2

Pg 2

Pg 2

SELHTN

Missing

0

-1

HTNENC1

Missing

2

1

HTNENCDT1

Missing or Invalid

EXCLUDED

Valid Date

HTNENC2

Missing

2

1

HTNENCDT2

Missing

Valid Date

HTNENCDT2 < HTNENCDT1

No — MDE

Yes

STDYBEG

Missing

MDE

> 2 yrs

Valid Date

Calculate
STDYBEG - HTNENCDT2

<= 2 yrs → Pg 3

Did the patient have one or more of the following active diagnoses? (Validation)

SELHTN = Hypertension

-1 = Yes
 0 = No

HTNENC1 (Validation)
During the timeframe (computer display stdybeg - 1 year to stdybeg - 6 months) is there documentation the patient had an outpatient encounter with a documented diagnosis of hypertension?
1. Yes
2. No

HTNENCDT1 (Validation)
Enter the date of the most recent outpatient encounter with documented diagnosis of hypertension during the timeframe from (computer display stdybeg - 1 year to stdybeg - 6 months).

HNTENC2 (Validation)
During the timeframe from (computer to display 2 years prior to stdybeg) to (computer to display htnencdt1-1 day) is there documentation the patient had an outpatient encounter with a documented diagnosis of hypertension?
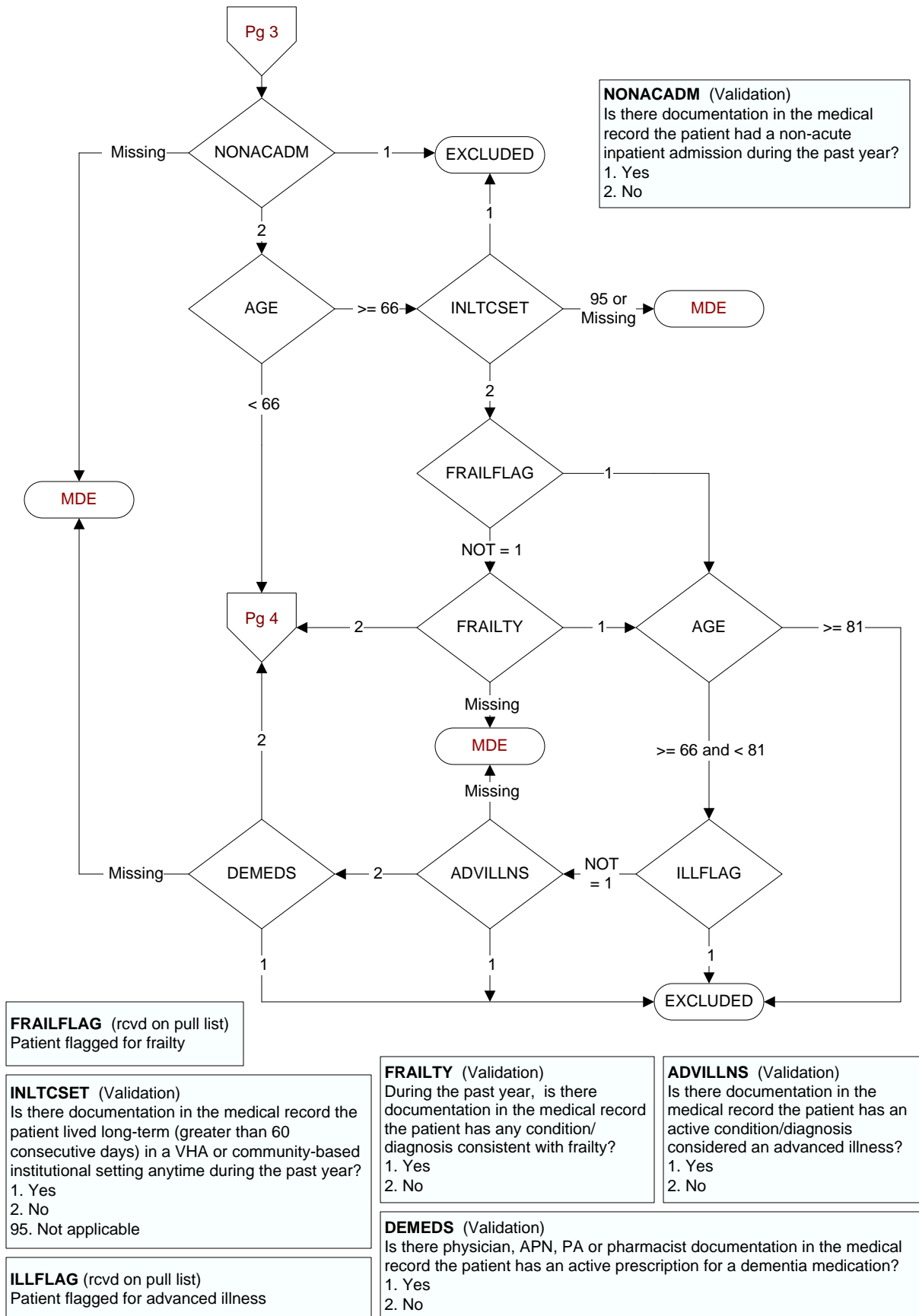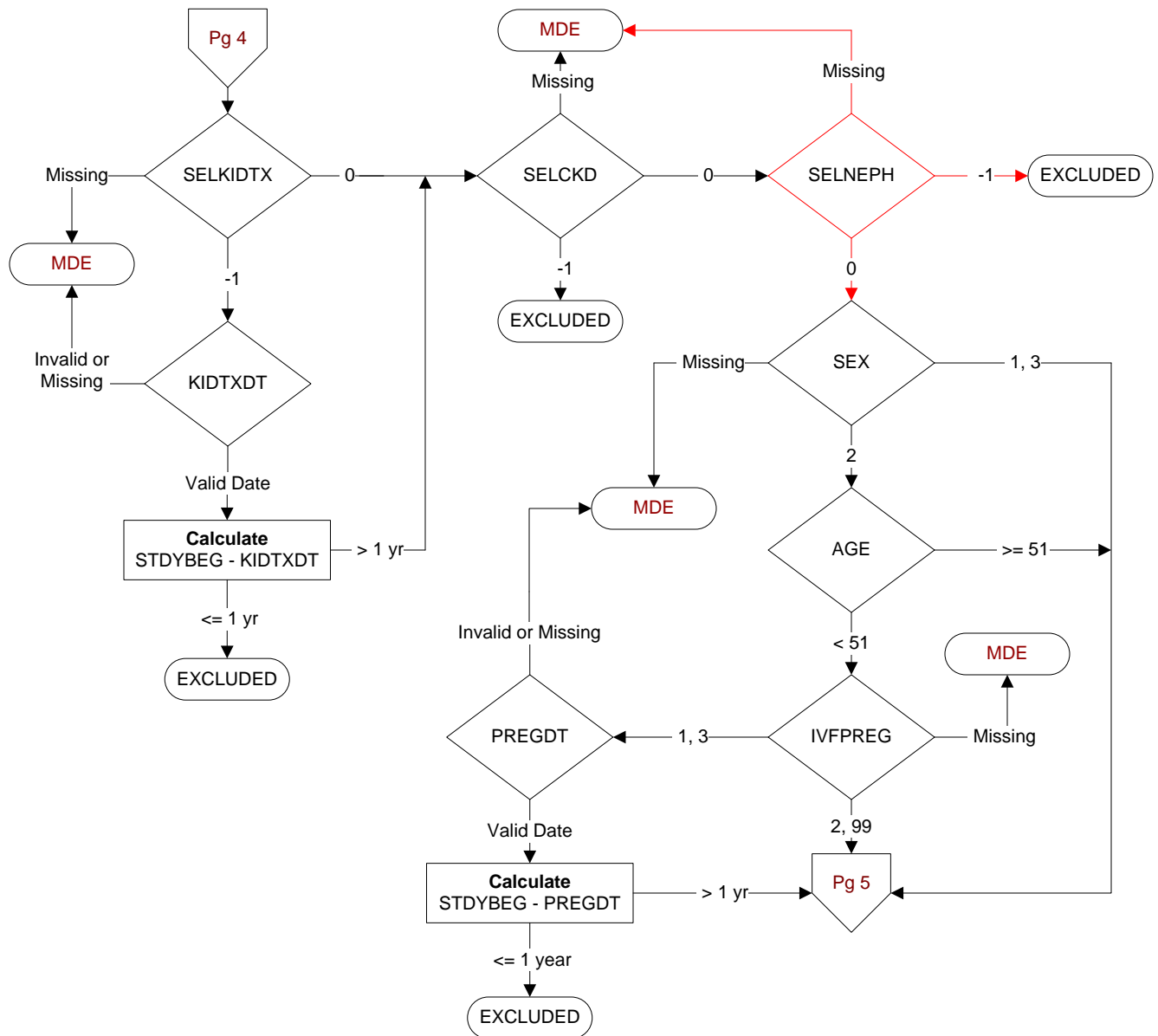1. Yes
2. No

HNTENCDT2 (Validation)
Enter the date of the most recent outpatient encounter with documented diagnosis of hypertension during the timeframe from (computer to display 2 years prior to stdybeg) to (computer to display htnencdt1- 1 day).

STDYBEG (rcvd on pull list)
Study Interval begin date

Pg 3

NONACADM (Validation)
Is there documentation in the medical record the patient had a non-acute inpatient admission during the past year?
1. Yes
2. No

NONACADM — Missing → MDE

NONACADM — 1 → EXCLUDED

NONACADM — 2 → AGE

AGE — >= 66 → INLTCSET

AGE — < 66 → Pg 4

INLTCSET — 1 → EXCLUDED

INLTCSET — 95 or Missing → MDE

INLTCSET — 2 → FRAILFLAG

FRAILFLAG — 1 → AGE

FRAILFLAG — NOT = 1 → FRAILTY

FRAILTY — 2 → Pg 4

FRAILTY — 1 → AGE

FRAILTY — Missing → MDE

AGE — >= 81 → EXCLUDED

AGE — >= 66 and < 81 → ILLFLAG

ILLFLAG — 1 → EXCLUDED

ILLFLAG — NOT = 1 → ADVILLNS

ADVILLNS — Missing → MDE

ADVILLNS — 2 → DEMEDS

ADVILLNS — 1 → EXCLUDED

DEMEDS — Missing → MDE

DEMEDS — 2 → Pg 4

DEMEDS — 1 → EXCLUDED

FRAILFLAG (rcvd on pull list)
Patient flagged for frailty

INLTCSET (Validation)
Is there documentation in the medical record the patient lived long-term (greater than 60 consecutive days) in a VHA or community-based institutional setting anytime during the past year?
1. Yes
2. No
95. Not applicable

ILLFLAG (rcvd on pull list)
Patient flagged for advanced illness

FRAILTY (Validation)
During the past year, is there documentation in the medical record the patient has any condition/diagnosis consistent with frailty?
1. Yes
2. No

ADVILLNS (Validation)
Is there documentation in the medical record the patient has an active condition/diagnosis considered an advanced illness?
1. Yes
2. No

DEMEDS (Validation)
Is there physician, APN, PA or pharmacist documentation in the medical record the patient has an active prescription for a dementia medication?
1. Yes
2. No

Flowchart

Pg 4 → SELKIDTX

- SELKIDTX → Missing → MDE
- SELKIDTX → 0 → SELCKD
- SELKIDTX → -1 → KIDTXDT

MDE → Invalid or Missing → KIDTXDT

KIDTXDT → Valid Date → **Calculate** STDYBEG - KIDTXDT

Calculate STDYBEG - KIDTXDT → > 1 yr → (to SELCKD input)

Calculate STDYBEG - KIDTXDT → <= 1 yr → EXCLUDED

SELCKD → Missing → MDE

SELCKD → 0 → SELNEPH

SELCKD → -1 → EXCLUDED

SELNEPH → Missing → MDE

SELNEPH → -1 → EXCLUDED

SELNEPH → 0 → SEX

SEX → Missing → MDE

SEX → 1, 3 → Pg 5

SEX → 2 → AGE

AGE → >= 51 → Pg 5

AGE → < 51 → IVFPREG

IVFPREG → Missing → MDE

IVFPREG → 1, 3 → PREGDT

IVFPREG → 2, 99 → Pg 5

PREGDT → Invalid or Missing → MDE

PREGDT → Valid Date → **Calculate** STDYBEG - PREGDT

Calculate STDYBEG - PREGDT → > 1 yr → Pg 5

Calculate STDYBEG - PREGDT → <= 1 year → EXCLUDED

Did the patient have one or more of the following active diagnoses? (Validation)

SELCKD - Chronic Kidney (Renal) Disease, stage 5 or ESRD (end stage renal disease) or dialysis (hemodialysis or peritoneal dialysis) documented any time prior to the study end date
ICD-10 codes N185, N186, Z9115, Z992, 3E1M39Z, 5A1D00Z, 5A1D60Z, 5A1D70Z, 5A1D80Z, 5A1D90Z

SELKIDTX- Kidney Transplant
ICD-10 codes Z94.0, 0TY00Z0, 0TY00Z1, 0TY00Z2, 0TY10Z0, 0TY10Z1, 0TY10Z2,

KIDTXDT - Enter the date of the most recent kidney transplant done any time prior to the study end date.

SELNEPH = Nephrectomy (kidney removal) documented any time prior to the study end date
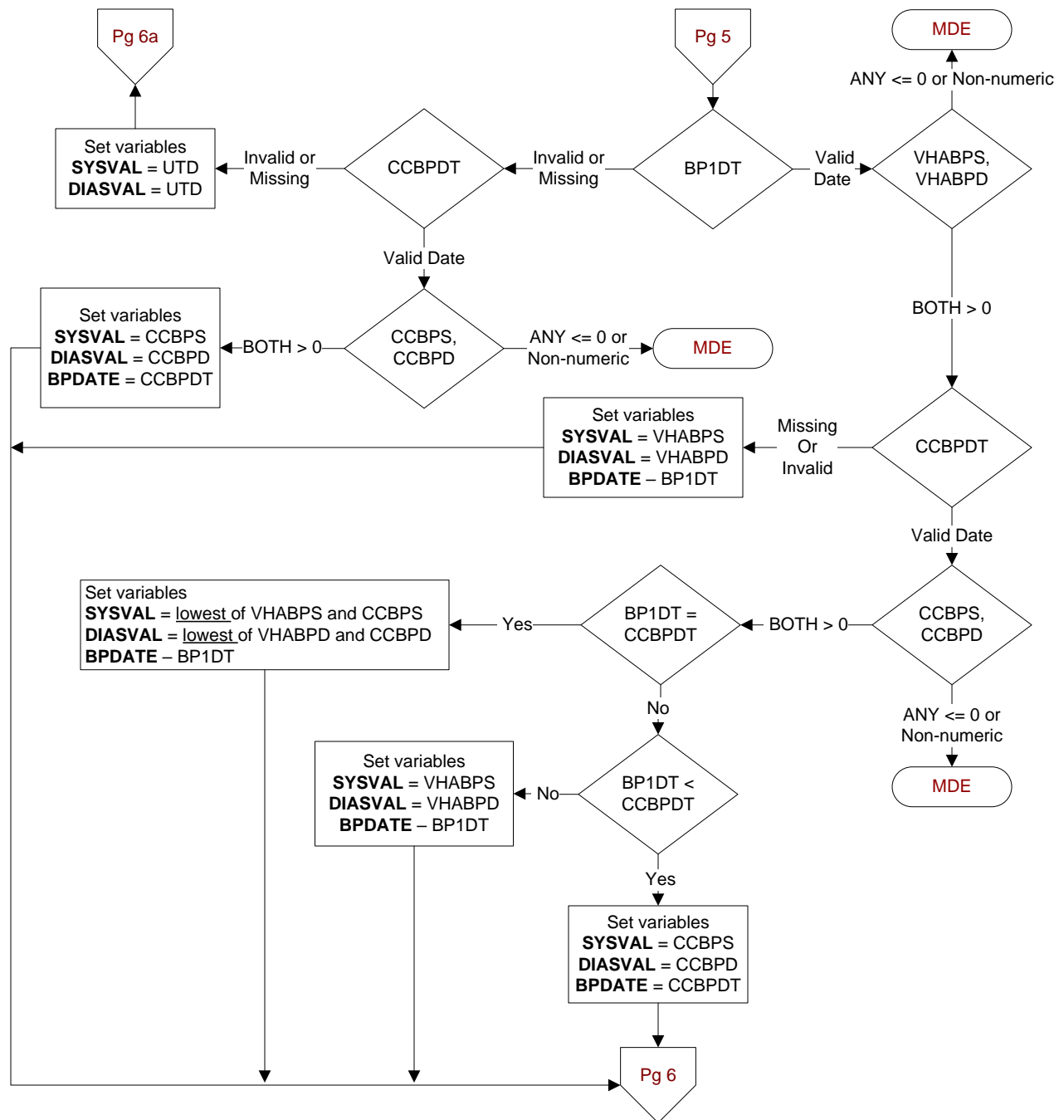ICD-10 PCS codes (0TB00ZZ, 0TB03ZZ, 0TB04ZZ, 0TB07ZZ, 0TB08ZZ, 0TB10ZZ, 0TB13ZZ, 0TB14ZZ, 0TB17ZZ, 0TB18ZZ, 0TT00ZZ, 0TT04ZZ, 0TT10ZZ, 0TT14ZZ, 0TT20ZZ, 0TT24ZZ

-1 = Yes
 0 = No

SEX (rcvd on pull list)
Patient's gender
1. male
2. female
3. unknown

IVFPREG (Validation)
Does the record document any one of the following during the past two years:
1. Pregnancy
2. In vitro fertilization (IVF)
3. Both in vitro fertilization and pregnancy
99.None of the above

PREGDT (Validation)
Enter the most recent date evidence of pregnancy was documented in the medical record during the past two years.

Flowchart:

Pg 6a ← Set variables **SYSVAL** = UTD, **DIASVAL** = UTD ← Invalid or Missing ← CCBPDT ← Invalid or Missing ← BP1DT ← Valid Date → VHABPS, VHABPD ← ANY <= 0 or Non-numeric → MDE

Pg 5 → BP1DT

CCBPDT → Valid Date → CCBPS, CCBPD → BOTH > 0 → Set variables **SYSVAL** = CCBPS, **DIASVAL** = CCBPD, **BPDATE** = CCBPDT

CCBPS, CCBPD → ANY <= 0 or Non-numeric → MDE

VHABPS, VHABPD → BOTH > 0 → CCBPDT → Missing Or Invalid → Set variables **SYSVAL** = VHABPS, **DIASVAL** = VHABPD, **BPDATE** – BP1DT

CCBPDT → Valid Date → CCBPS, CCBPD → ANY <= 0 or Non-numeric → MDE

CCBPS, CCBPD → BOTH > 0 → BP1DT = CCBPDT → Yes → Set variables **SYSVAL** = lowest of VHABPS and CCBPS, **DIASVAL** = lowest of VHABPD and CCBPD, **BPDATE** – BP1DT

BP1DT = CCBPDT → No → BP1DT < CCBPDT → No → Set variables **SYSVAL** = VHABPS, **DIASVAL** = VHABPD, **BPDATE** – BP1DT

BP1DT < CCBPDT → Yes → Set variables **SYSVAL** = CCBPS, **DIASVAL** = CCBPD, **BPDATE** = CCBPDT → Pg 6

VHABPS (systolic value) **VHABPD** (diastolic value) (Core Module) Enter the patient's blood pressure measured most recently at a VHA encounter within the past year. (Exclude BP taken in ED, Ambulatory Surgery, Urgent Care visit, or during an inpatient admission)	**CCBPS** (systolic value) **CCBPD** (diastolic value) (Core Module) Enter the most recent blood pressure documented in the record by Care Coordination (CC/H).
BP1DT (Core Module) Enter the date this blood pressure was measured.	**CCBPDT** (Core Module) Enter the date this blood pressure was measured.

Pg 6

BPDATE >= HTNENCDT1

No

Yes

Pg 6a

SYSVAL

UTD or >= 140

< 140

DIASVAL

UTD or >= 90

In Denominator only (**fails** measure)

< 90

In Denominator and Numerator (**passes** measure)