CATNUM
Sample category
16. AMI - Outpatient visit	54. Frail/Elderly
36. SCI Dx	60. DM Outpatient
48. Female, age 20-69	61. Inpatient SCI
50. Random Sample	68. Contract CBOC
51. Random Sample MH	

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 contains missing required answers (error record)
5. Administrative exclusion from all measures

GFECALBLD (PI module)
Does the medical record contain the results of a three-card guaiac fecal occult blood testing done within the past year?
3. Three-card guaiac FOBT done by VHA
4. Three-card guaiac FOBT by private sector provider
99. No result of three-card guaiac FOBT done within past year

OCCBLDDT (PI Module)
Enter the date of the laboratory report for most recent three-card serial screening for colorectal cancer by gFOBT.

IFOBTST (PI Module)
Does the medical record contain the results of immunochemical fecal occult blood testing (iFOBT or FIT) done within the past year?
3. iFOBT/FIT performed by VHA
4. iFOBT/FIT performed by private sector provider
99. No result of iFOBT/FIT done within past year

IFOBTDT (PI Module)
Enter the date of the laboratory report for most recent screening for colorectal cancer by immunochemical fecal occult blood testing (iFOBT/FIT).
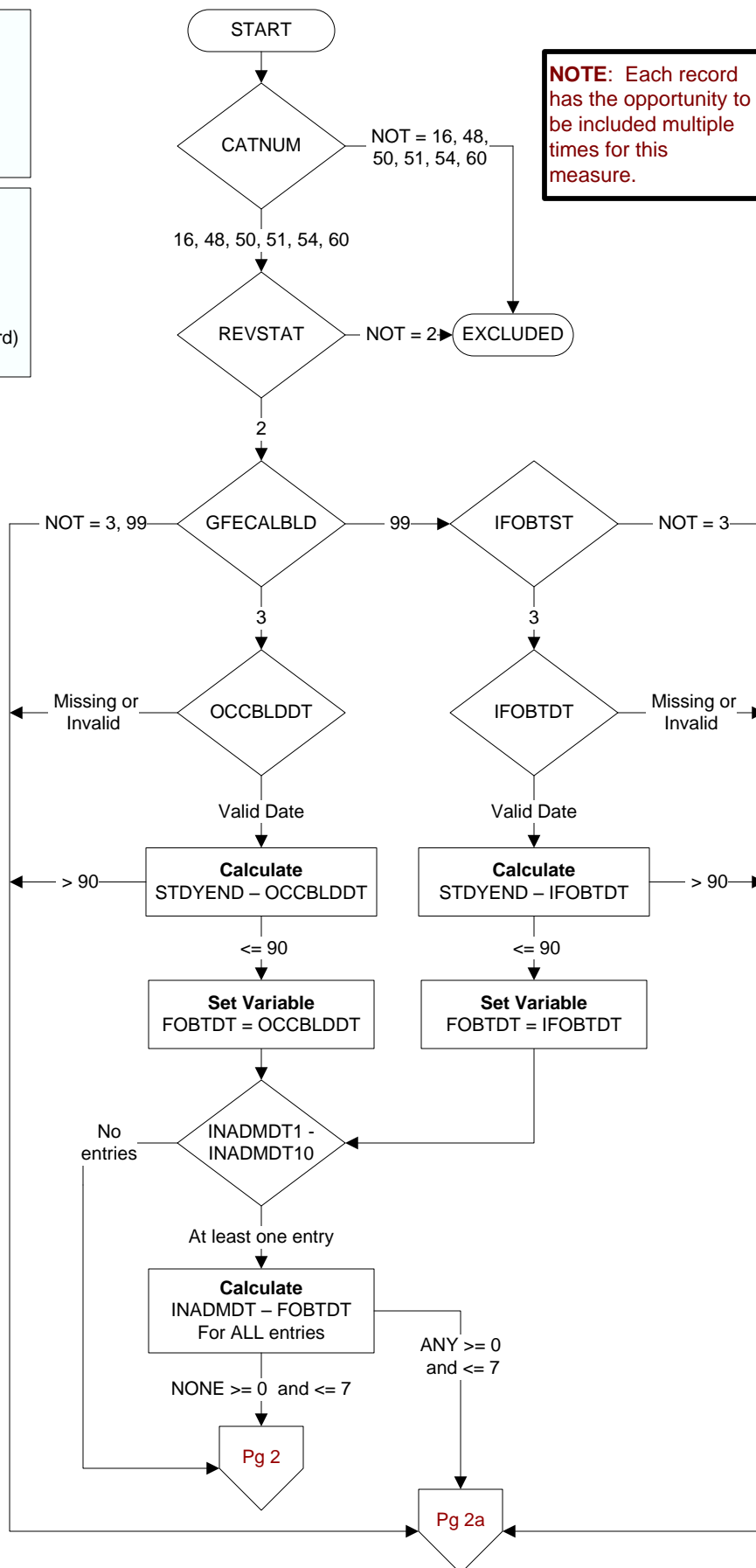
STDYEND (rcvd on pull list)
Last day of study interval.

INADMDT (CTR Module)
Enter the admission date(s).
Hard edit: If more than one date entered, inadmdt2 must be > inadmdt3

NOTE: Each record has the opportunity to be included multiple times for this measure.

START

CATNUM → NOT = 16, 48, 50, 51, 54, 60

16, 48, 50, 51, 54, 60

REVSTAT → NOT = 2 → EXCLUDED

2

NOT = 3, 99 ← GFECALBLD → 99 → IFOBTST → NOT = 3

3 (GFECALBLD)   3 (IFOBTST)

Missing or Invalid ← OCCBLDDT   IFOBTDT → Missing or Invalid

Valid Date   Valid Date

> 90 ← **Calculate** STDYEND – OCCBLDDT   **Calculate** STDYEND – IFOBTDT → > 90

<= 90   <= 90

Set Variable FOBTDT = OCCBLDDT   **Set Variable** FOBTDT = IFOBTDT

No entries ← INADMDT1 - INADMDT10

At least one entry

Calculate INADMDT – FOBTDT For ALL entries → ANY >= 0 and <= 7

NONE >= 0 and <= 7

Pg 2

Pg 2a

ENCFOBT (PI Module)
During the timeframe from [(if gfecalbld = 3, occblddt to occblddt + 14 days and <= pulldt) OR (if ifobtst = 3, ifobtdt to ifobtdt + 14 days and <= pulldt)], did the patient have a face-to-face encounter with the provider who ordered the fecal occult blood test (FOBT)?
1. Yes
2. No
3. No, 14 day timeframe has not elapsed
4. No, FOBT was ordered by non-VHA provider, during ED/urgent care encounter, or during inpatient hospitalization

COMMFOBT (PI Module)
During the timeframe from [(if gfecalbld = 3, occblddt to occblddt + 30 days and <= stdyend) OR (if ifobtst = 3, ifobtdt + 30 days and <= stdyend)], was the fecal occult blood test result communicated to the patient by licensed health care staff?
1. Yes
2. No
3. No, 30 day timeframe has not elapsed

TESTHCV (PI Module)
Within the past two years, was the veteran tested for HCV antibodies?
1. Yes
2. No
3. Vet diagnosed with Hep-C prior to past two years
98. Patient refused to be tested

HCVTSTDT (PI Module)
Enter the date of the most recent HCV antibody test done within the past two years.

ENCHCV (PI Module)
During the timeframe from (computer display hcvtstdt to hcvtstdt + 14 days and <=pulldt), did the patient have a face-to-face encounter with the provider who ordered the HCV antibody test?
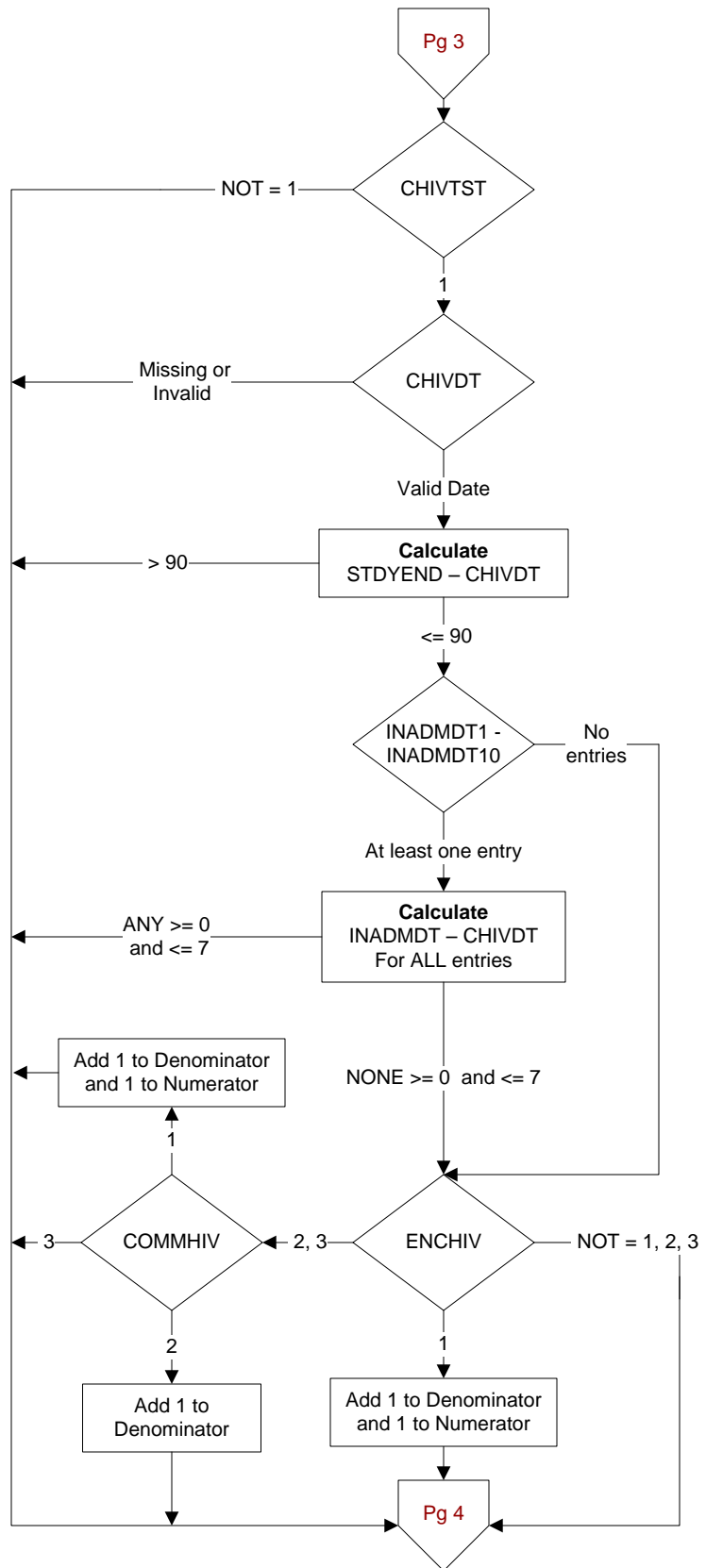1. Yes
2. No
3. No, 14 day timeframe has not elapsed
4. No, HCV antibody test was ordered by non-VHA provider, during ED/urgent care encounter, or during inpatient hospitalization

COMHCV (PI Module)
During the timeframe from (computer display hcvtstdt to hcvtstdt + 30 days and <= puldlt), was the HCV antibody result communicated to the patient by licensed health care staff?
1. Yes
2. No
3. No, 30 day timeframe has not elapsed

COMHCVDT (PI Module)
Enter the earliest date the HCV antibody test result was communicated to the patient.

CHIVTST (CTR Module)
During the timeframe from (computer display stdyend – 90 days to stdyend), was an HIV test obtained at this VAMC?
1. Yes
2. No

CHIVDT (CTR Module)
Enter the date the most recent HIV test was reported.

ENCHIV (CTR Module)
During the timeframe from (chctdt to chctdt + 14 days and <= pulldt), did the patient have a face-to-face encounter with the provider who ordered the HIV test?
1. Yes
2. No
3. No, 14 day timeframe has not elapsed

COMMHIV (CTR Module)
During the timeframe from (computer display chivdt to chivdt + 30 days and <= pulldt), was the HIV result communicated to the patient by licensed health care staff?
1. Yes
2. No
3. No, 30 day timeframe has not elapsed

COMHIVDT (CTR Module)
Enter the earliest date the HIV result was communicated to the patient.

Pg 3

CHIVTST — NOT = 1

1

CHIVDT — Missing or Invalid

Valid Date

Calculate STDYEND – CHIVDT — > 90

<= 90

INADMDT1 - INADMDT10 — No entries

At least one entry

Calculate INADMDT – CHIVDT For ALL entries — ANY >= 0 and <= 7

NONE >= 0 and <= 7

Add 1 to Denominator and 1 to Numerator

1

COMMHIV — 3

ENCHIV — 2, 3 — COMMHIV

ENCHIV — NOT = 1, 2, 3

2

Add 1 to Denominator

1

Add 1 to Denominator and 1 to Numerator

Pg 4

CPOTST (CTR Module)
During the timeframe from (computer display stdyend – 90 days to stdyend), was a serum potassium test obtained at this VAMC?
1. Yes
2. No

CPOTDT (CTR Module)
Enter the date the most recent serum potassium was reported.
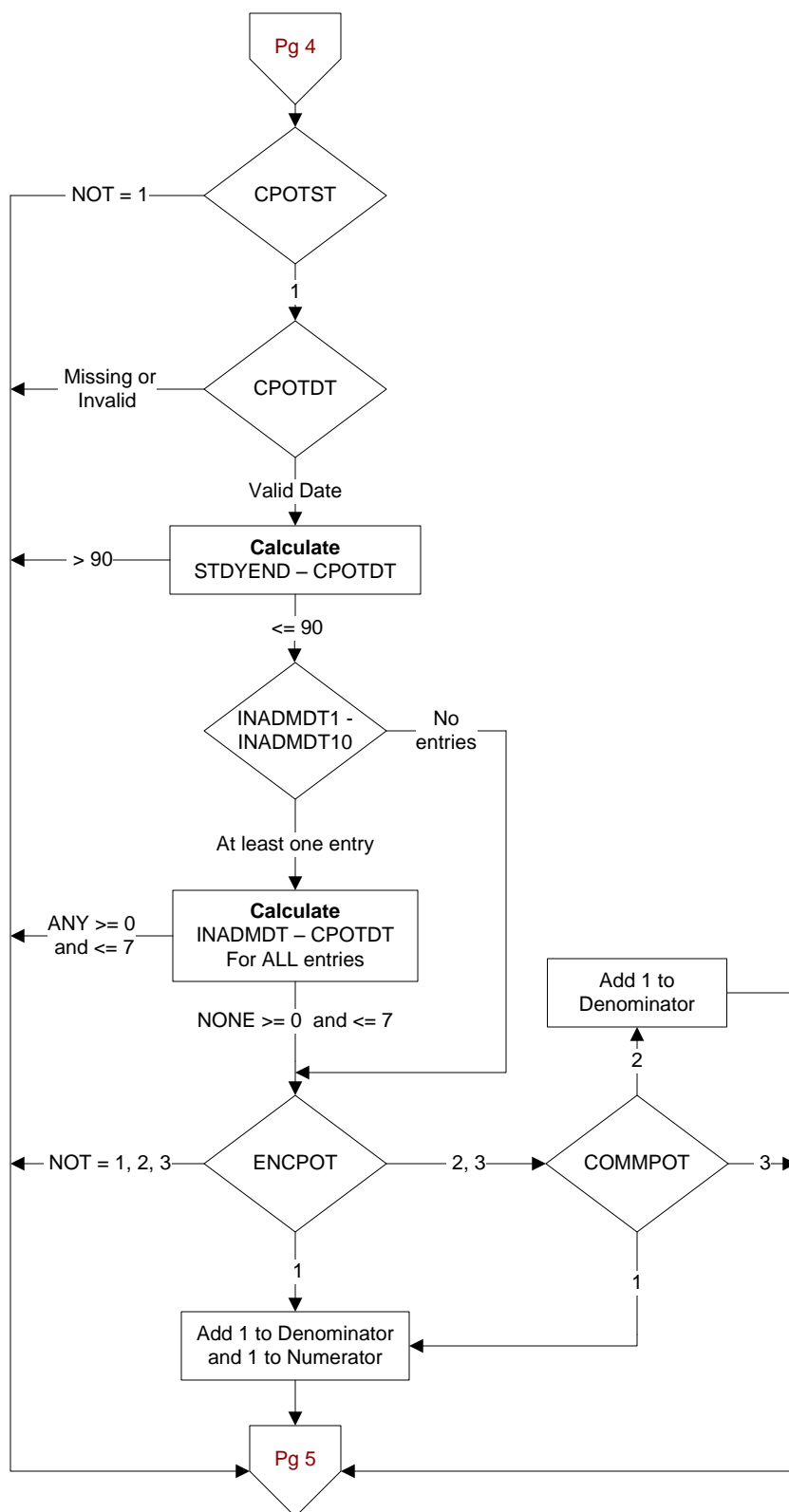
ENCPOT (CTR Module)
During the timeframe from (cpotdt to cpotdt + 14 days and <= stdyend), did the patient have a face-to-face encounter with the provider who ordered the serum potassium test?
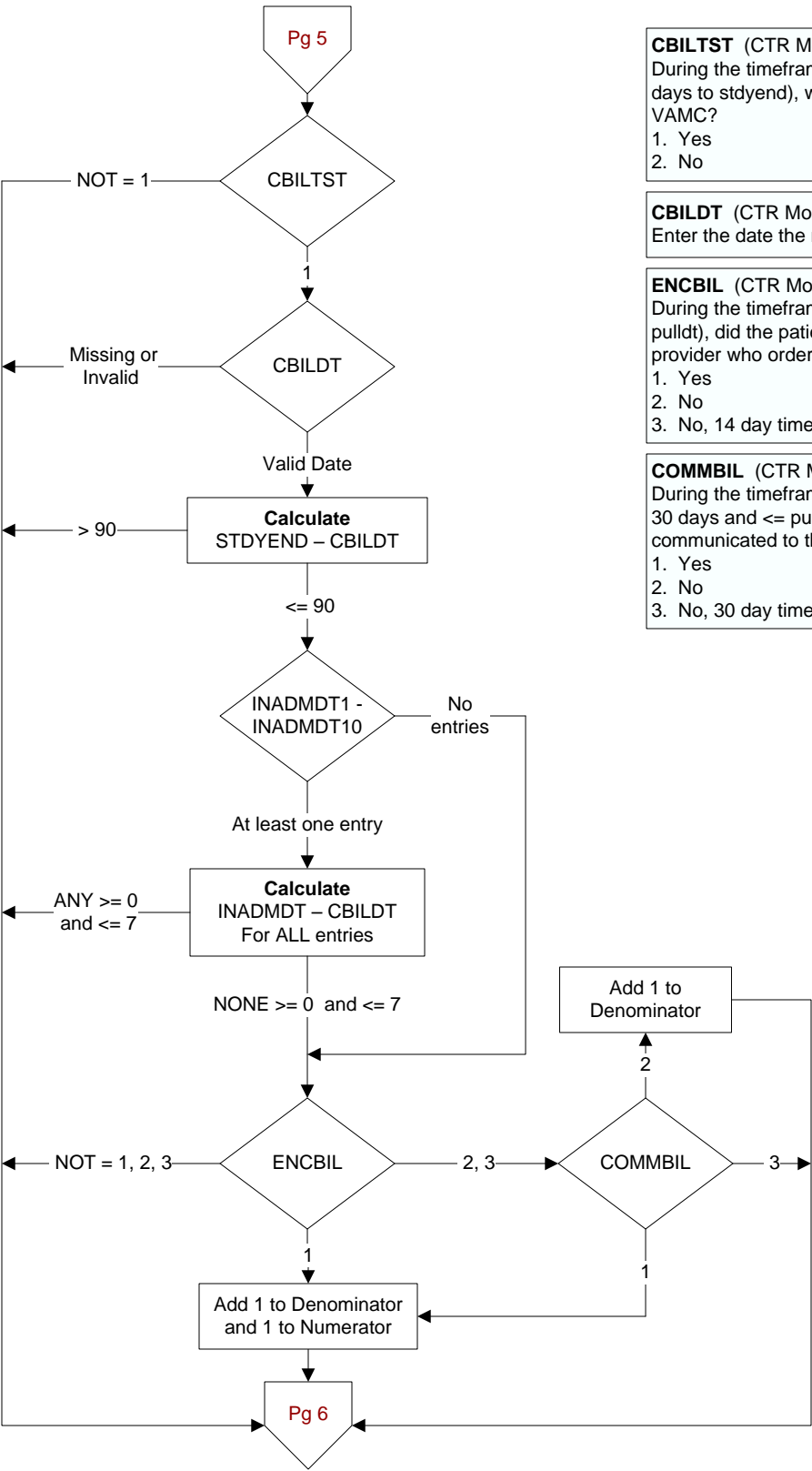1. Yes
2. No
3. No, 14 day timeframe has not elapsed

COMMPOT (CTR Module)
During the timeframe from (computer display cpotdt to cpotdt + 30 days and <= stdyend), was the serum potassium result communicated to the patient by licensed health care staff?
1. Yes
2. No
3. No, 30 day timeframe has not elapsed

Pg 4

CPOTST — NOT = 1

CPOTDT — Missing or Invalid

Valid Date

Calculate STDYEND – CPOTDT — > 90

<= 90

INADMDT1 - INADMDT10 — No entries

At least one entry

Calculate INADMDT – CPOTDT For ALL entries — ANY >= 0 and <= 7

NONE >= 0 and <= 7

ENCPOT — NOT = 1, 2, 3

ENCPOT — 2, 3 → COMMPOT — 3

COMMPOT — 1

ENCPOT — 1

Add 1 to Denominator

Add 1 to Denominator and 1 to Numerator

Pg 5

Pg 5

CBILTST

NOT = 1

1

CBILDT

Missing or Invalid

Valid Date

Calculate
STDYEND – CBILDT

> 90

<= 90

INADMDT1 - INADMDT10

No entries

At least one entry

Calculate
INADMDT – CBILDT
For ALL entries

ANY >= 0 and <= 7

NONE >= 0 and <= 7

Add 1 to Denominator

2

ENCBIL

NOT = 1, 2, 3

2, 3

COMMBIL

3

1

1

Add 1 to Denominator and 1 to Numerator

Pg 6

CBILTST (CTR Module)
During the timeframe from (computer display stdyend – 90 days to stdyend), was a serum bilirubin test obtained at this VAMC?
1. Yes
2. No

CBILDT (CTR Module)
Enter the date the most recent bilirubin was reported.

ENCBIL (CTR Module)
During the timeframe from (cbildt to cbildt + 14 days and <= pulldt), did the patient have a face-to-face encounter with the provider who ordered the serum bilirubin test?
1. Yes
2. No
3. No, 14 day timeframe has not elapsed

COMMBIL (CTR Module)
During the timeframe from (computer display cbildt to cbildt + 30 days and <= pulldt), was the serum bilirubin result communicated to the patient by licensed health care staff?
1. Yes
2. No
3. No, 30 day timeframe has not elapsed

CWBCST (CTR Module)
During the timeframe from (computer display stdyend – 90 days to stdyend), was a white blood cell (WBC) test obtained at this VAMC?
1. Yes
2. No

CWBCDT (CTR Module)
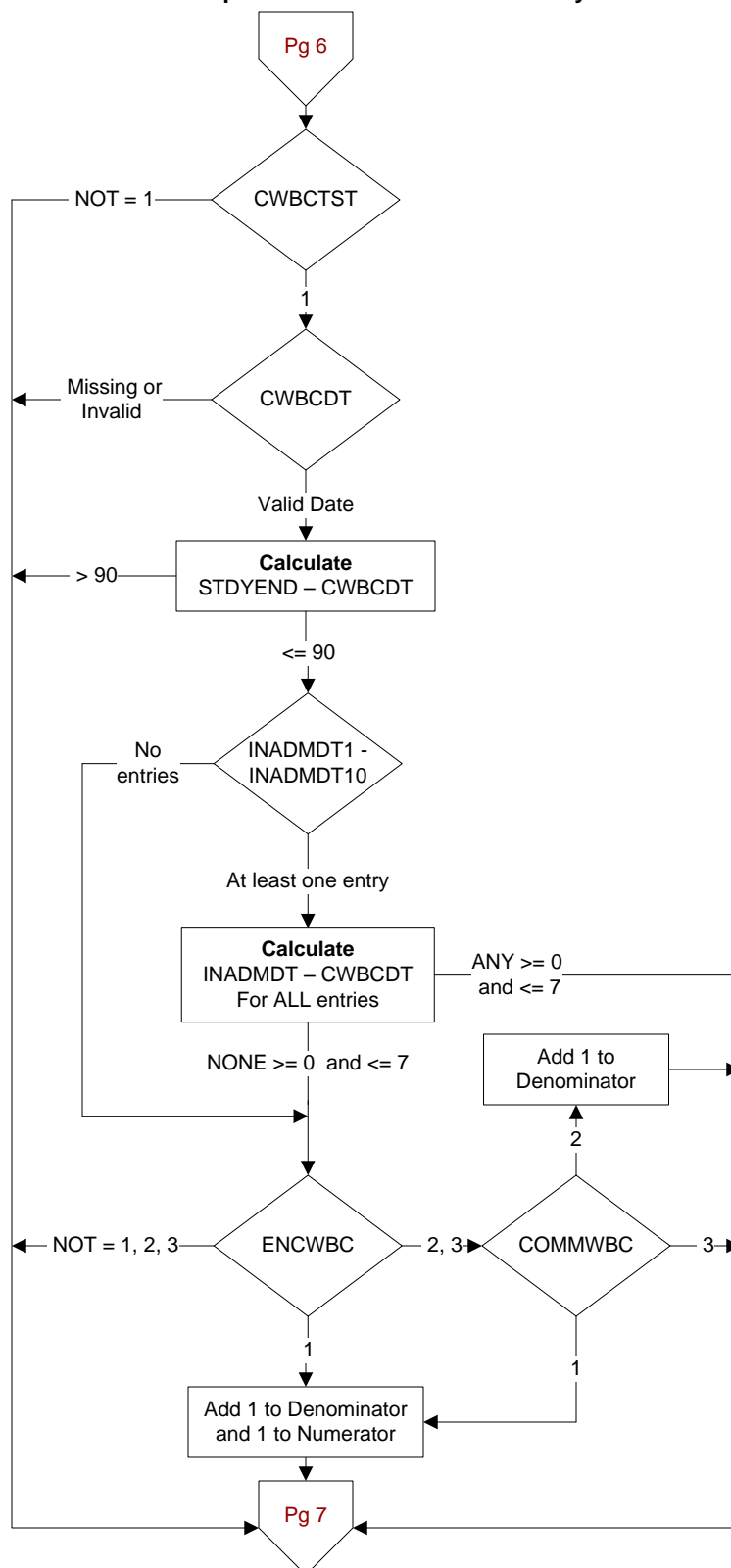Enter the date the most recent WBC test was reported.

ENCWBC (CTR Module)
During the timeframe from (cwbcdt to cwbcdt + 14 days and <= stdyend), did the patient have a face-to-face encounter with the provider who ordered the WBC test?
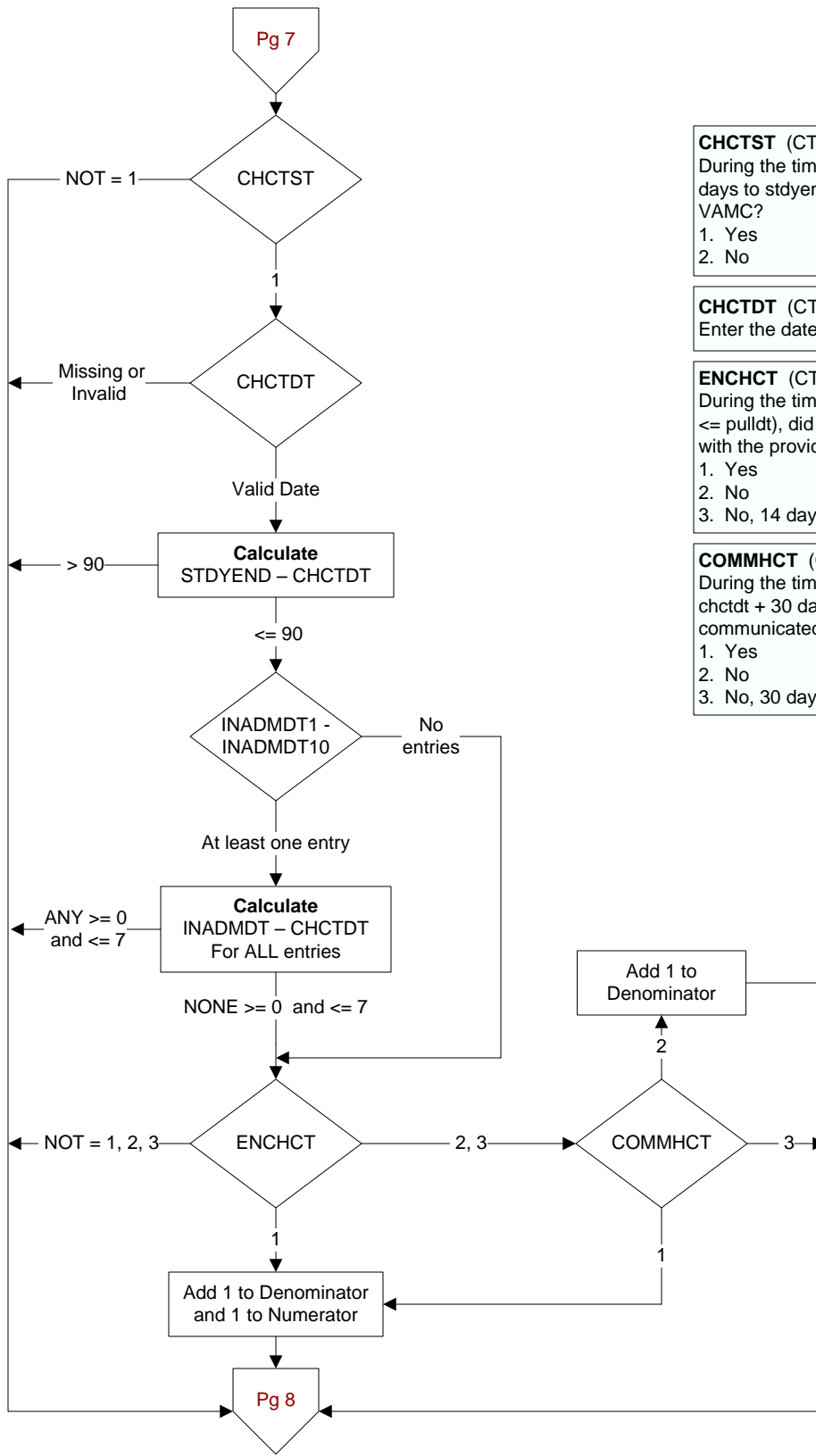1. Yes
2. No
3. No, 14 day timeframe has not elapsed

COMMWBC (CTR Module)
During the timeframe from (computer display cwbcdt to cwbcdt + 30 days and <= stdyend), was the WBC result communicated to the patient by licensed health care staff?
1. Yes
2. No
3. No, 30 day timeframe has not elapsed

Pg 6

CWBCTST — NOT = 1

1

CWBCDT — Missing or Invalid

Valid Date

Calculate STDYEND – CWBCDT — > 90

<= 90

INADMDT1 - INADMDT10 — No entries

At least one entry

Calculate INADMDT – CWBCDT For ALL entries — ANY >= 0 and <= 7

NONE >= 0 and <= 7

Add 1 to Denominator

2

ENCWBC — NOT = 1, 2, 3

2, 3

COMMWBC — 3

1

1

Add 1 to Denominator and 1 to Numerator

Pg 7

Pg 7

CHCTST — NOT = 1 →

1 ↓

CHCTDT — Missing or Invalid →

Valid Date ↓

Calculate
STDYEND – CHCTDT — > 90 →

<= 90 ↓

INADMDT1 - INADMDT10 — No entries →

At least one entry ↓

Calculate
INADMDT – CHCTDT
For ALL entries — ANY >= 0 and <= 7 →

NONE >= 0 and <= 7 ↓

ENCHCT — NOT = 1, 2, 3 → ; — 2, 3 → COMMHCT — 3 →

1 ↓ (ENCHCT)

Add 1 to Denominator
and 1 to Numerator

COMMHCT: 1 ↓ ; 2 → Add 1 to Denominator

Pg 8

CHCTST (CTR Module)
During the timeframe from (computer display stdyend – 90 days to stdyend), was a hematocrit test obtained at this VAMC?
1. Yes
2. No

CHCTDT (CTR Module)
Enter the date the most recent hematocrit was reported.

ENCHCT (CTR Module)
During the timeframe from (chctdt to chctdt + 14 days and <= pulldt), did the patient have a face-to-face encounter with the provider who ordered the hematocrit test?
1. Yes
2. No
3. No, 14 day timeframe has not elapsed

COMMHCT (CTR Module)
During the timeframe from (computer display chctdt to chctdt + 30 days and <= pulldt), was the hematocrit result communicated to the patient by licensed health care staff?
1. Yes
2. No
3. No, 30 day timeframe has not elapsed

CCXRTST (CTR Module)
During the timeframe from (computer display stdyend – 1 year to stdyend), was a chest x-ray obtained at this VAMC?
1. Yes
2. No

CCXRDT (CTR Module)
Enter the date the most recent chest x-ray was reported.
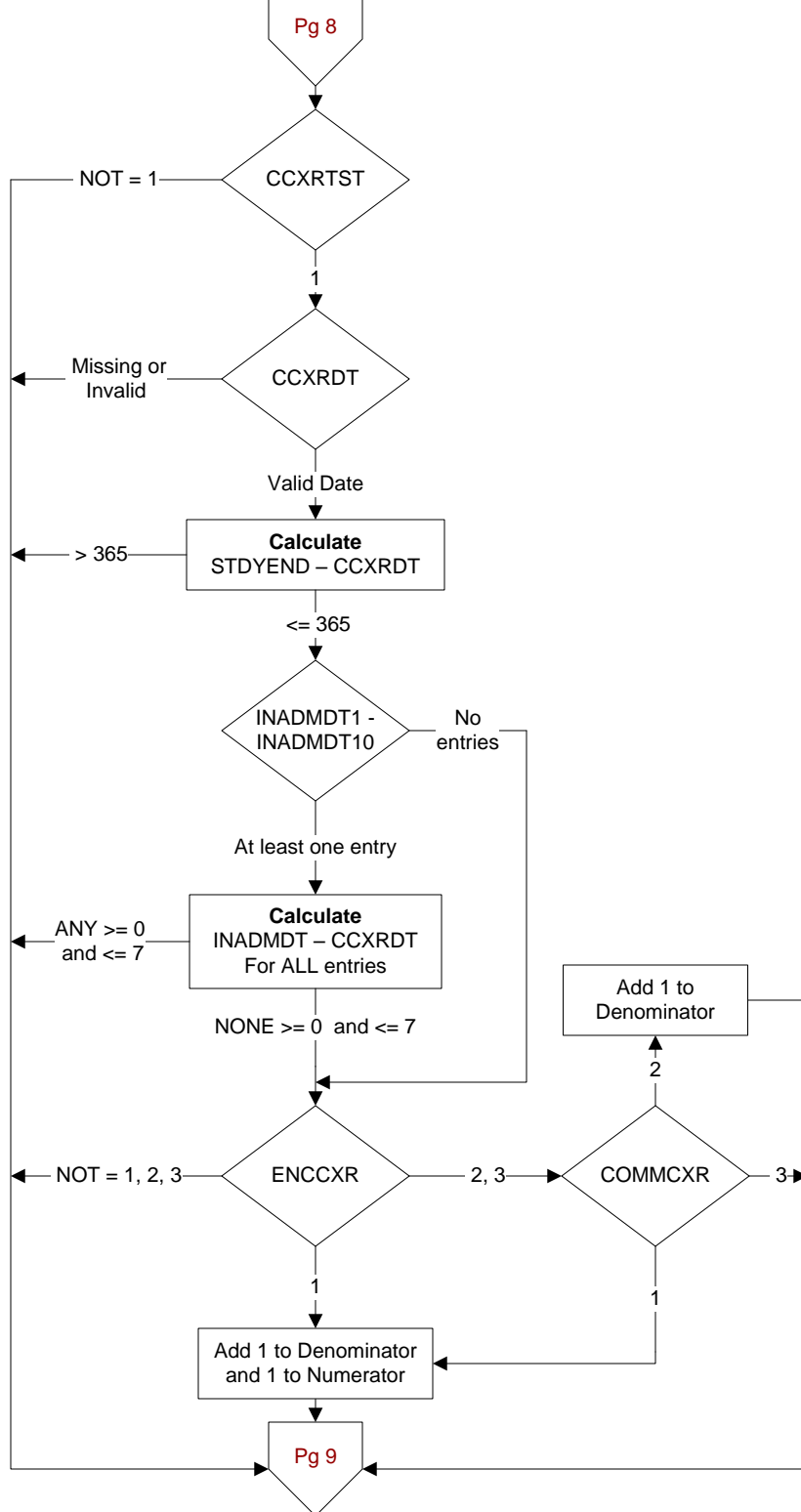
ENCCXR (CTR Module)
During the timeframe from (ccxrdt to ccxrdt + 14 days and <= pulldt), did the patient have a face-to-face encounter with the provider who ordered the chest x-ray?
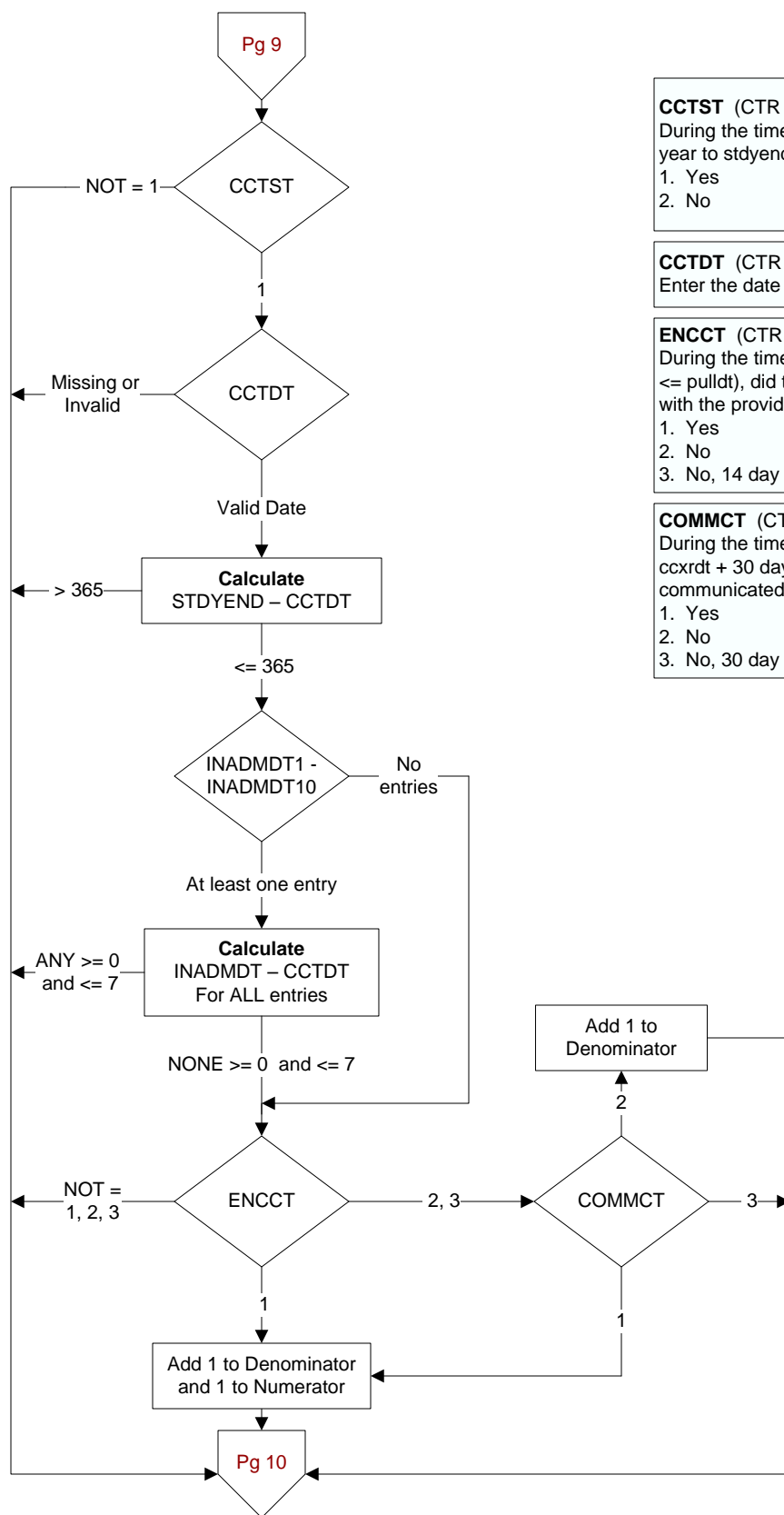1. Yes
2. No
3. No, 14 day timeframe has not elapsed

COMMCXR (CTR Module)
During the timeframe from (computer display ccxrdt to ccxrdt + 30 days and <= pulldt), was the chest x-ray result communicated to the patient by licensed health care staff?
1. Yes
2. No
3. No, 30 day timeframe has not elapsed

Pg 8

CCXRTST
— NOT = 1

1

CCXRDT
— Missing or Invalid

Valid Date

Calculate
STDYEND – CCXRDT
— > 365

<= 365

INADMDT1 - INADMDT10 — No entries

At least one entry

Calculate
INADMDT – CCXRDT
For ALL entries
— ANY >= 0 and <= 7

NONE >= 0 and <= 7

ENCCXR — NOT = 1, 2, 3 | 2, 3 → COMMCXR — 3 →

Add 1 to Denominator
2

1 (ENCCXR)

1 (COMMCXR)

Add 1 to Denominator and 1 to Numerator

Pg 9

Pg 9

CCTST — NOT = 1 →

CCTDT — Missing or Invalid →

1

Valid Date

Calculate STDYEND – CCTDT — > 365 →

<= 365

INADMDT1 - INADMDT10 — No entries →

At least one entry

Calculate INADMDT – CCTDT For ALL entries — ANY >= 0 and <= 7 →

NONE >= 0 and <= 7

ENCCT — NOT = 1, 2, 3 →

ENCCT — 2, 3 → COMMCT

1

COMMCT — 3 →

2 → Add 1 to Denominator

1

Add 1 to Denominator and 1 to Numerator

Pg 10

CCTST (CTR Module)
During the timeframe from (computer display stdyend – 1 year to stdyend), was a CT scan obtained at this VAMC?
1. Yes
2. No

CCTDT (CTR Module)
Enter the date the most recent CT scan was reported.

ENCCT (CTR Module)
During the timeframe from (ccxrdt to ccxrdt + 14 days and <= pulldt), did the patient have a face-to-face encounter with the provider who ordered the CT scan?
1. Yes
2. No
3. No, 14 day timeframe has not elapsed

COMMCT (CTR Module)
During the timeframe from (computer display ccxrdt to ccxrdt + 30 days and <= pulldt), was the CT scan result communicated to the patient by licensed health care staff?
1. Yes
2. No
3. No, 30 day timeframe has not elapsed

MAMGRAM2 (PI Module)
Does the medical record contain the report of a mammogram performed for this patient within the past two years?
1. Yes
2. No
98. Patient refused to have mammogram performed

MAMPRTDT (PI Module)
Enter the report date of the most recent mammogram performed during the past 27 months.

MAMPERVA2 (PI Module)
Was the mammogram performed by the VHA?
3. Mammogram performed at a VAMC
4. Mammogram performed outside VHA, fee basis
5. Mammogram performed private sector, not fee basis
95. Not applicable

MAMRAD (PI Module)
Were the results of the mammogram documented in the radiology package?
1. Yes
2. No
95. Not applicable

ENCMAMM (PI Module)
During the timeframe from (computer display mammdt to mammdt + 14 days and <= pulldt), did the patient have a face-to-face encounter with the VHA provider who ordered the mammogram?
1. Yes
2. No
3. No, 14 day timeframe has not elapsed

COMAMM (PI Module)
During the timeframe from (computer display mammdt to mammdt + 30 days and <=stdyend), was the mammogram result communicated to the patient by licensed health care staff?
1. Yes
2. No
3. No, 30 day timeframe has not elapsed

Pg 10

MAMGRAM2 — NOT = 1
↓ 1
MAMPRTDT — Missing or Invalid
↓ Valid Date
Calculate STDYEND – MAMRPTDT — > 365
↓ <= 365
MAMPERVA2 — NOT = 3
↓ 3
MAMRAD — NOT = 1
↓ 1
INADMDT1 - INADMDT10 — No entries
↓ At least one entry
Calculate INADMDT – MAMRPTDT For ALL entries — ANY >= 0 and <= 7
NONE >= 0 and <= 7
COMAMM — NOT = 1 or 2 / 2 — Add 1 to Denominator
↓ 1
Add 1 to Denominator and 1 to Numerator

Pg 11

Pg 11

CGIBX

NOT = 1

1

CGIBXDT

Missing or Invalid

Valid Date

Calculate
STDYEND – CGIBXDT

> 365

<= 365

INADMDT1 -
INADMDT10

No entries

At least one entry

Calculate
INADMDT – CGIBXDT
For ALL entries

ANY >= 0
and <= 7

NONE >= 0 and <= 7

Add 1 to
Denominator

2

ENCGIBX

NOT = 1, 2, 3

2, 3

COMMGIBX

3

1

1

Add 1 to Denominator
and 1 to Numerator

Pg 12

CGIBX (CTR Module)
During the timeframe from (computer display stdyend – 1 year to stdyend), did the patient have a biopsy of the gastrointestinal tract at this VAMC?
1. Yes
2. No

CGIBXDT (CTR Module)
Enter the date the most recent gastrointestinal biopsy was reported

ENCGIBX (CTR Module)
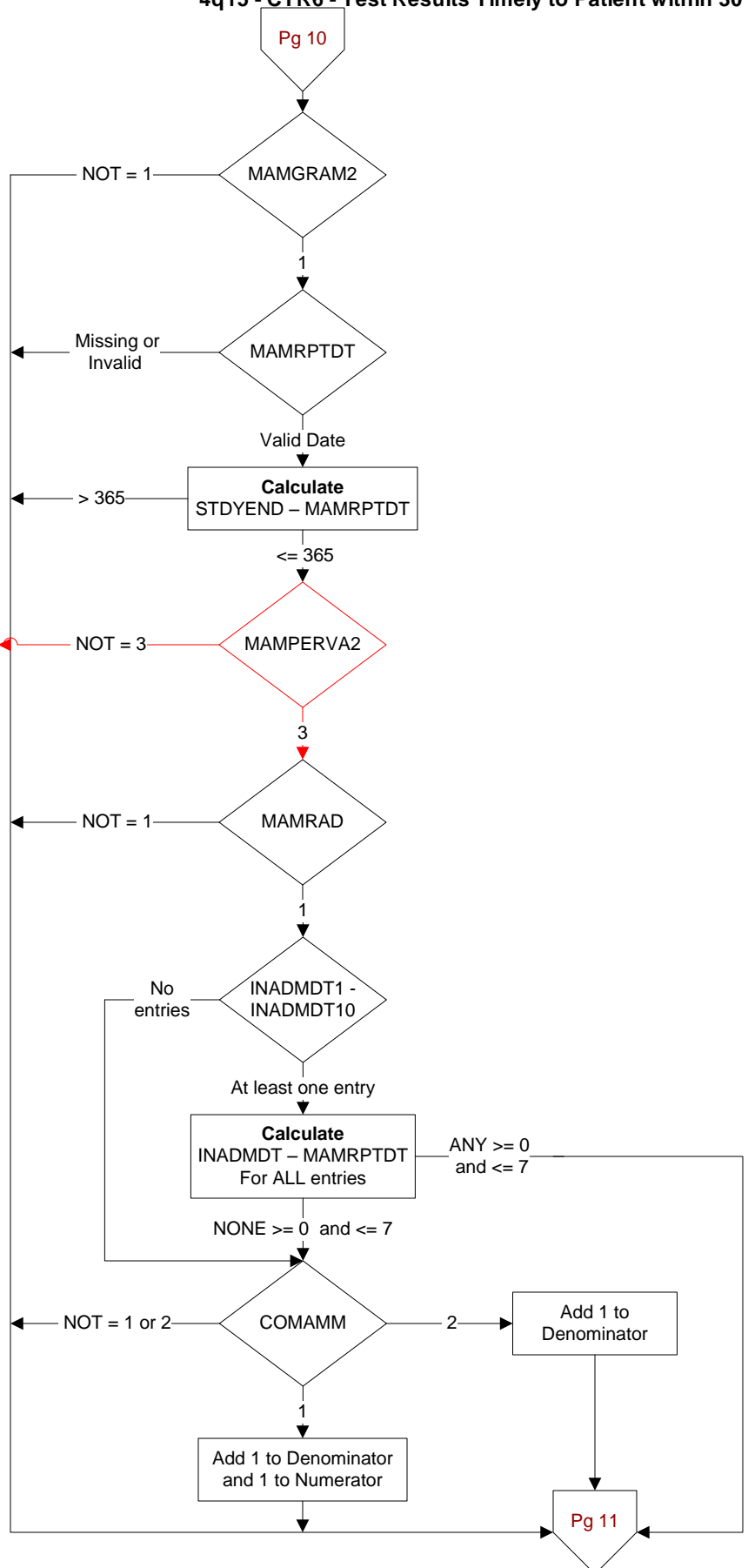During the timeframe from (cgibxdt to cgibxdt + 14 days and <= pulldt), did the patient have a face-to-face encounter with the provider who obtained the gastrointestinal biopsy?
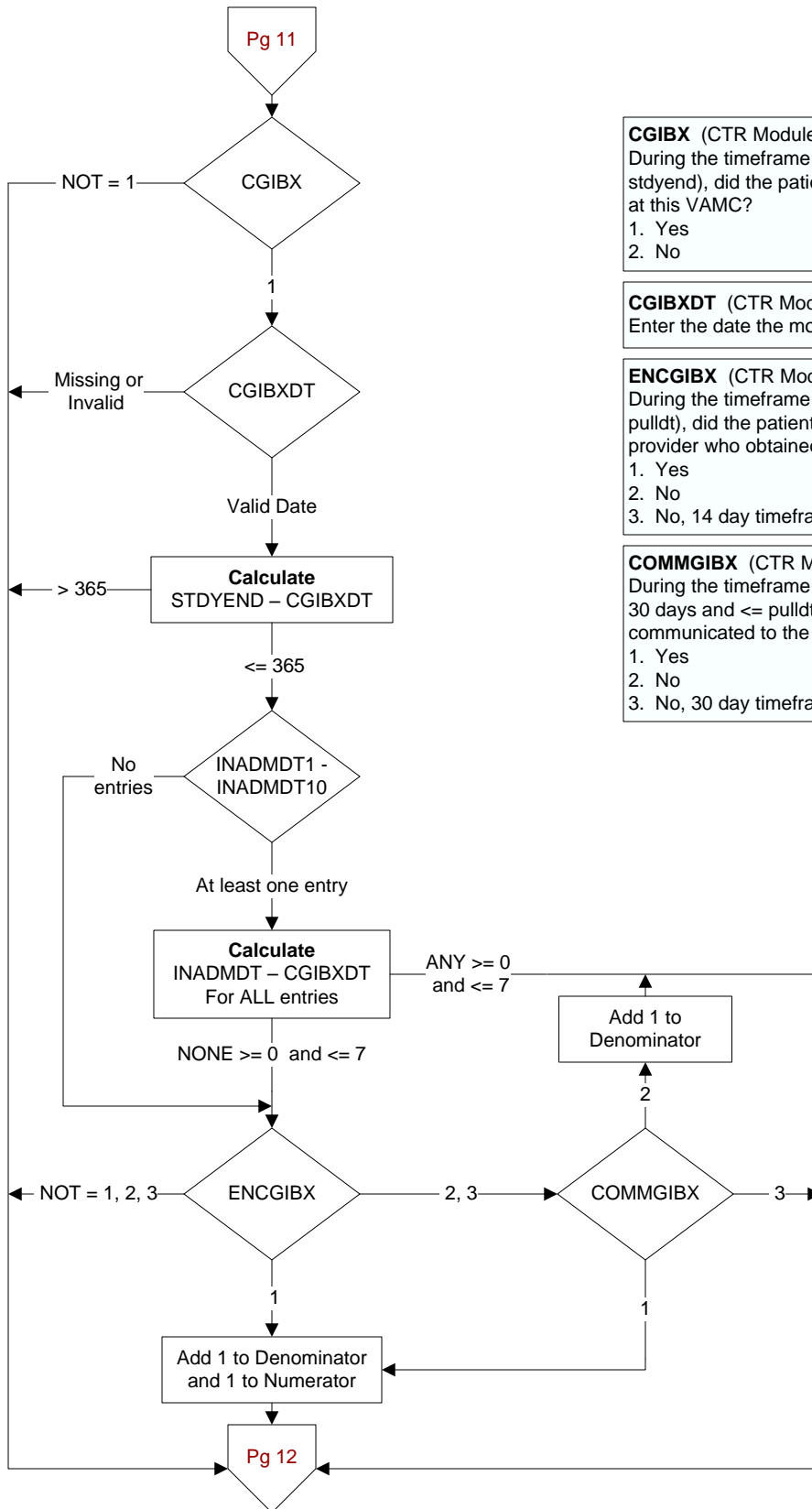1. Yes
2. No
3. No, 14 day timeframe has not elapsed

COMMGIBX (CTR Module)
During the timeframe from (computer display cgibxdt to cgibxdt + 30 days and <= pulldt), was the gastrointestinal biopsy result communicated to the patient by licensed health care staff?
1. Yes
2. No
3. No, 30 day timeframe has not elapsed

Pg 12

CPROSBX — NOT = 1

CPRBXDT — Missing or Invalid

1

Valid Date

Calculate
STDYEND – CPRBXDT — > 365

<= 365

INADMDT1 - INADMDT10 — No entries

At least one entry

Calculate
INADMDT – CPRBXDT
For ALL entries — ANY >= 0 and <= 7

NONE >= 0 and <= 7

Add 1 to Denominator

2

ENCPRBX — NOT = 1, 2, 3

ENCPRBX — 2, 3 → COMMPRBX — 3

1

1

Add 1 to Denominator and 1 to Numerator

Pg 13

CPROSBX (PI Module)
During the timeframe from (computer display stdyend – 1 year to stdyend), did the patient have a biopsy of the prostate at this VAMC?
1. Yes
2. No

CPRBXDT (PI Module)
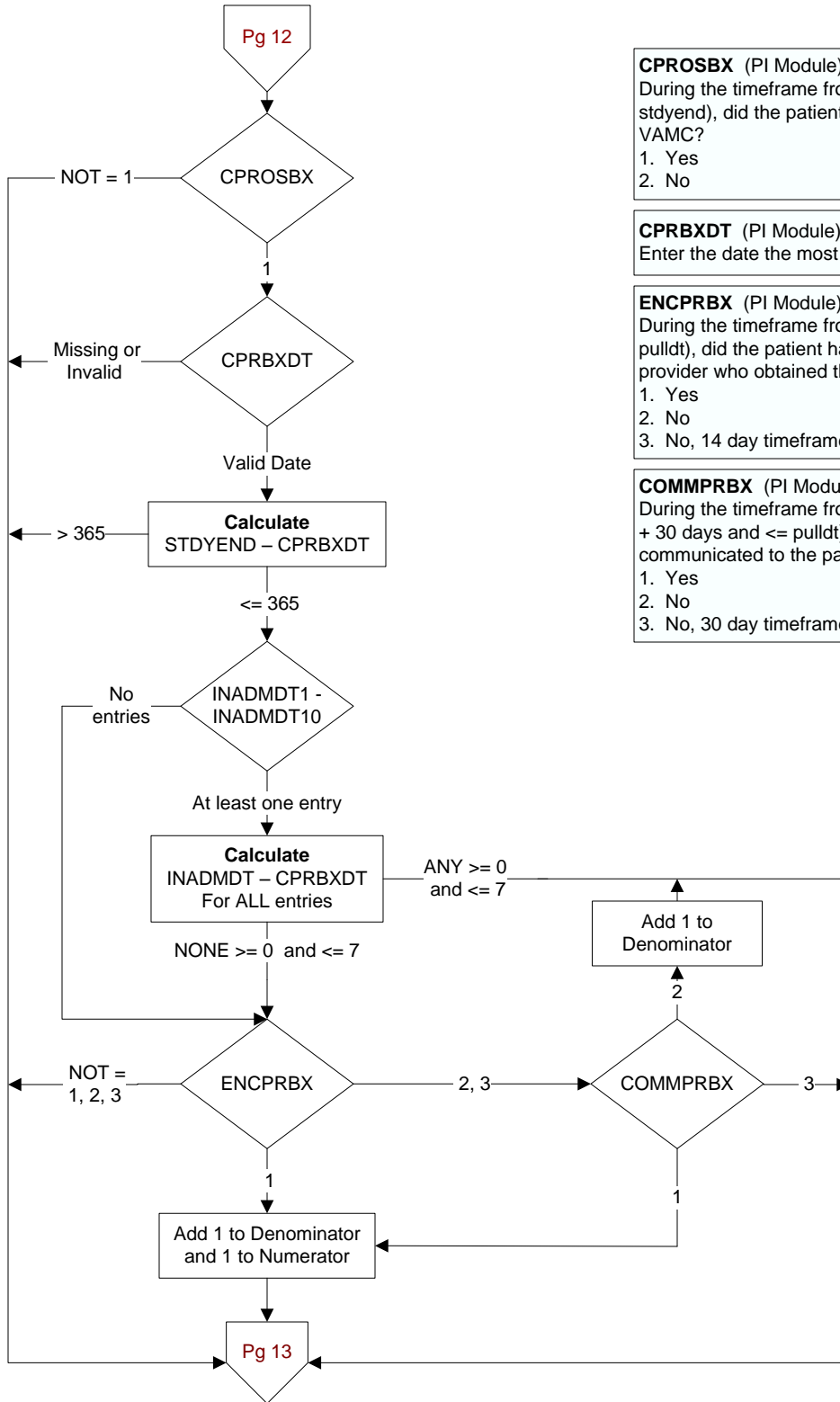Enter the date the most recent prostate biopsy was reported

ENCPRBX (PI Module)
During the timeframe from (cprbxdt to cprbxdt + 14 days and <= pulldt), did the patient have a face-to-face encounter with the provider who obtained the prostate biopsy?
1. Yes
2. No
3. No, 14 day timeframe has not elapsed

COMMPRBX (PI Module)
During the timeframe from (computer display cprbxdt to cprbxdt + 30 days and <= pulldt), was the prostate biopsy result communicated to the patient by licensed health care staff?
1. Yes
2. No
3. No, 30 day timeframe has not elapsed

TESTPAP (PI Module)
Does the medical record contain the report of a Pap test performed for this patient within the past five years?
1. Pap test performed by VHA
3. Pap test performed by private sector provider
6. Hysterectomy (with no residual cervix) or congenital absence of a cervix
7. **All** Pap test reports within the past five years note sample was inadequate or that "no cervical cells were present"
98. Patient refused all Pap tests
99. No documentation Pap test performed

PAPRPTDT (PI Module)
Enter the report date of the most recent Pap test performed during the past five years.

PAPRESLT (PI Module)
What results for the pap test were documented?
3. Normal
4. Abnormal
99. Unable to determine

HPVTEST (PI Module)
During the timeframe from (computer to display papdt – 4 days to papdt + 4 days), does the medical record document a cervical human papillomavirus (HPV) test was performed for this patient?
1. HPV test performed by VHA
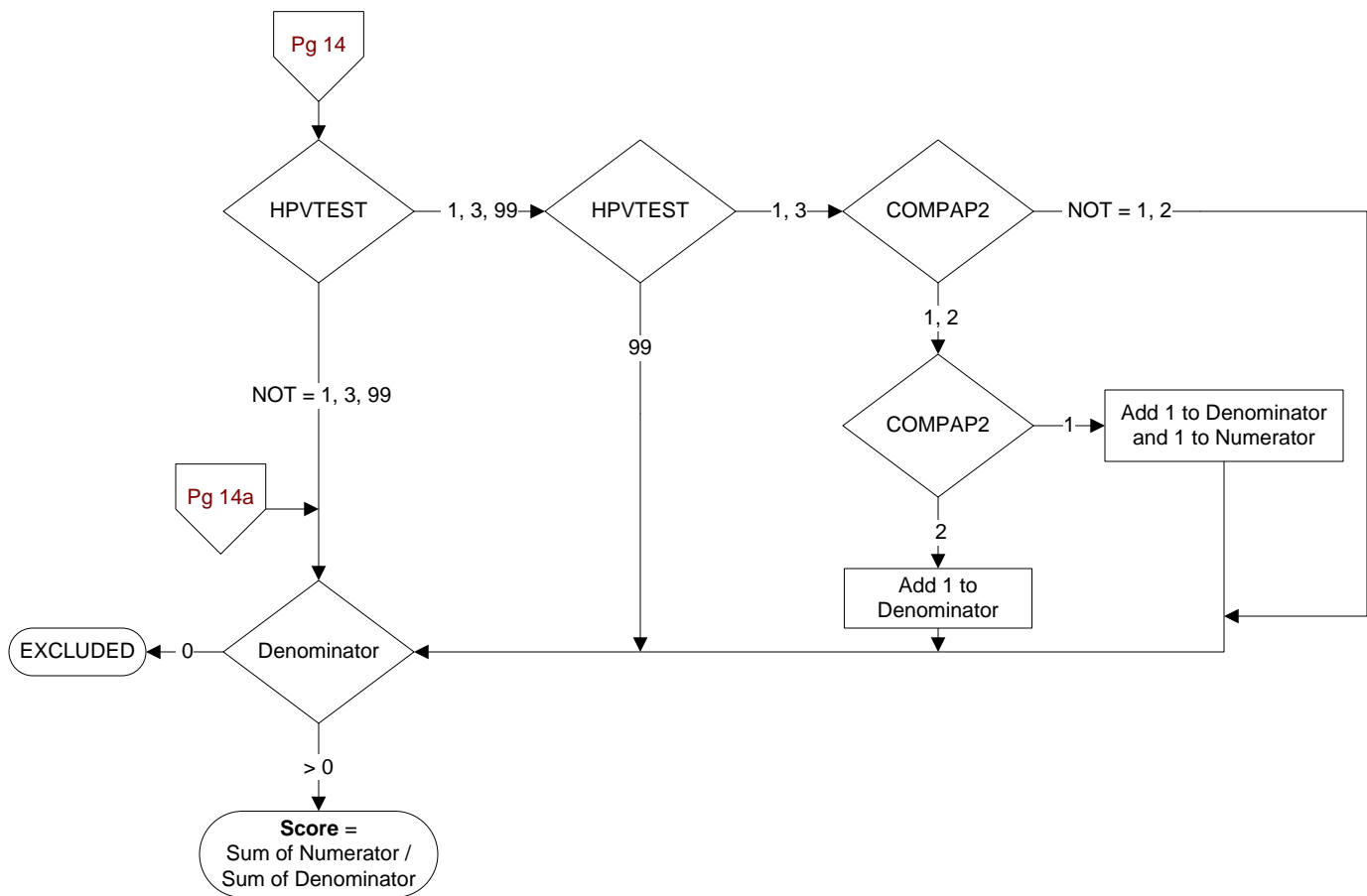3. HPV test performed by private sector provider
99. No documentation HPV test performed

PAPLAB (PI Module)
Were the results of the pap test found in the laboratory package?
1. Yes
2. No
95. Not applicable

COMPAP (PI Module)
During the timeframe from [computer display paprptdt to paprptdt + 30 days and <= pulldt or (<= stdyend if stdyend > pulldt)], was the pap test result communicated to the patient by licensed health care staff?
1. Yes
2. No
3. No, 30 day timeframe has not elapsed

COMPAP2 (PI Module)
During the timeframe from [computer to display hpvrptdt to hpvrptdt + 30 days and <= pulldt or (<= stdyend if stdyend > pulldt)], was the pap test result communicated to the patient by licensed health care staff?
1. Yes
2. No
3. No, 30 day timeframe has not elapsed

Pg 13

TESTPAP — NOT = 1, 3
1, 3

PAPRPTDT — Missing or Invalid
Valid Date

Calculate STDYEND – PAPRPTDT — > 365
<= 365

PAPLAB — NOT = 1
1

INADMDT1 - INADMDT10 — No entries
At least one entry

Calculate INADMDT – PAPRPTDT For ALL entries — ANY >= 0 and <= 7
NONE >= 0 and <= 7

PAPRESLT — NOT = 3, 4, 99
3 → COMPAP — NOT = 1, 2
1, 2 → COMPAP — 1 → Add 1 to Denominator and 1 to Numerator
2 → Pg 14

4, 99 ↓
HPVTEST — NOT = 1, 3, 99
1, 3, 99 → HPVTEST — 99
1, 3 → COMPAP2 — 1, 2 → COMPAP2 — 1 → Add 1 to Denominator and 1 to Numerator
2 → Add 1 to Denominator

NOT = 1, 2 ↓

Pg 14a

Pg 14

HPVTEST —1, 3, 99→ HPVTEST —1, 3→ COMPAP2 —NOT = 1, 2—

HPVTEST: NOT = 1, 3, 99

HPVTEST: 99

COMPAP2: 1, 2

COMPAP2 —1→ Add 1 to Denominator and 1 to Numerator

COMPAP2: 2

Add 1 to Denominator

Pg 14a

EXCLUDED ←0— Denominator

Denominator: > 0

Score =
Sum of Numerator /
Sum of Denominator

HPVTEST (PI Module)
During the timeframe from (computer to display papdt – 4 days to papdt + 4 days), does the medical record document a cervical human papillomavirus (HPV) test was performed for this patient?
1. HPV test performed by VHA
3. HPV test performed by private sector provider
99. No documentation HPV test performed

HPVRPTDT (PI Module)
Enter the date the HPV test result was reported.

COMPAP2 (PI Module)
During the timeframe from [computer to display hpvrptdt to hpvrptdt + 30 days and <= pulldt or (<= stdyend if stdyend > pulldt)], was the pap test result communicated to the patient by licensed health care staff?
1. Yes
2. No
3. No, 30 day timeframe has not elapsed

COMPAP2DT (CTR Module)
Enter the earliest date the pap test result was communicated to the patient.