Document Links:

[CTR Instrument](#)

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
5. Administrative exclusion from all measures

FOBTVAL
Computer to pre-fill the result of the FOBT/FIT reported during the timeframe from (computer to display stdybeg) to (computer to display stdyend).

FOBTDT
Computer to pre-fill the date the FOBT/FIT was reported.

ADMFOBT
During the timeframe from (computer display fobtdt to fobtdt +7 days), was the patient admitted to an inpatient setting?
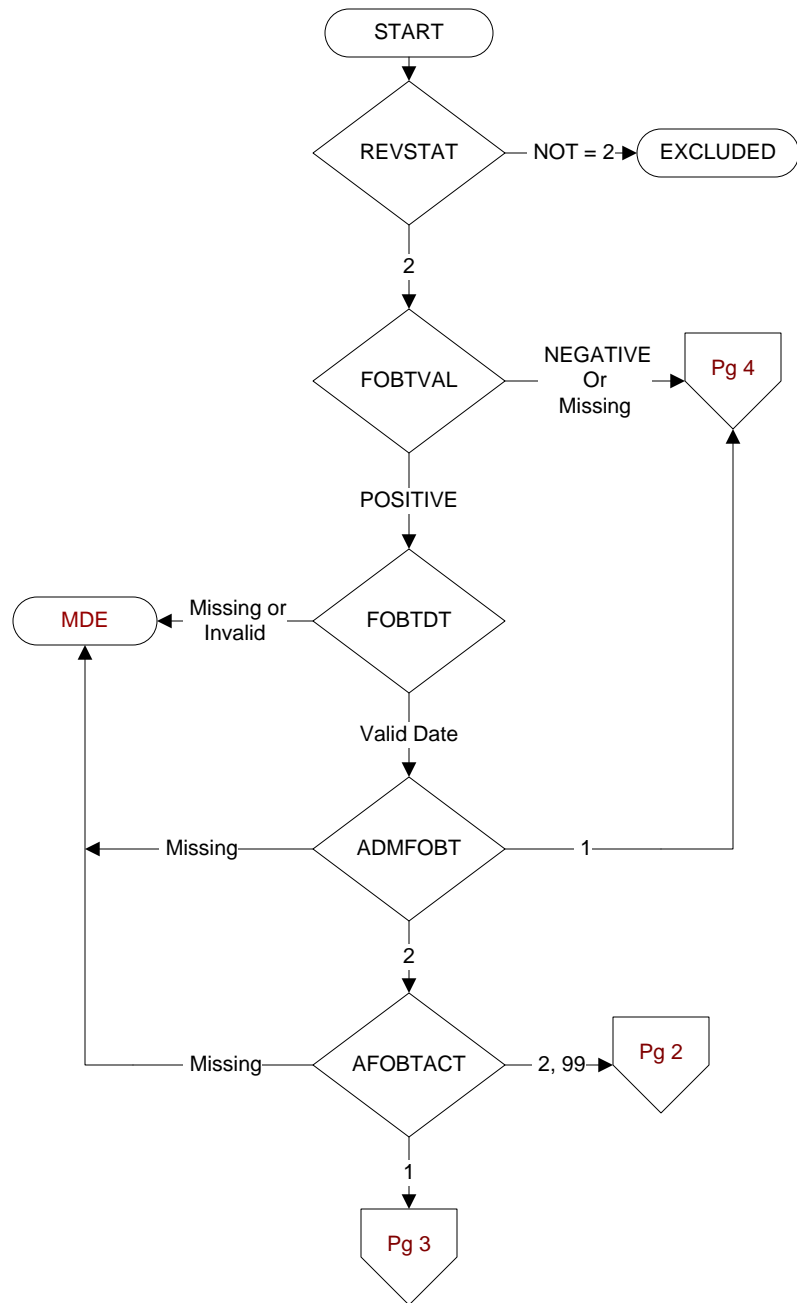1. Yes
2. No

AFOBTACT
During the timeframe from (computer display fobtdt to fobtdt + 7 days), did the ordering provider document the positive FOBT/FIT result required action or that action was taken?
1. Yes, provider documented test result required action or that action was taken
2. No, provider documented test result did not require action
99. NO documentation that the test result required action or that action was taken

MDE = Missing or Invalid Data Exclusion (data error)

START

REVSTAT — NOT = 2 ▶ EXCLUDED

2

FOBTVAL — NEGATIVE Or Missing → Pg 4

POSITIVE

MDE ◀ Missing or Invalid — FOBTDT

Valid Date

ADMFOBT — Missing ◀ | 1

2

MDE ◀ Missing — AFOBTACT — 2, 99 → Pg 2

1

Pg 3

FOBTENC
During the timeframe from (computer display fobtdt to fobtdt + 30 days), did the patient have a face to face encounter with a physician/APN/PA?
1. Yes
2. No

FOBTENCDT
Enter the earliest date of the face to face encounter with a physician/APN/PA.
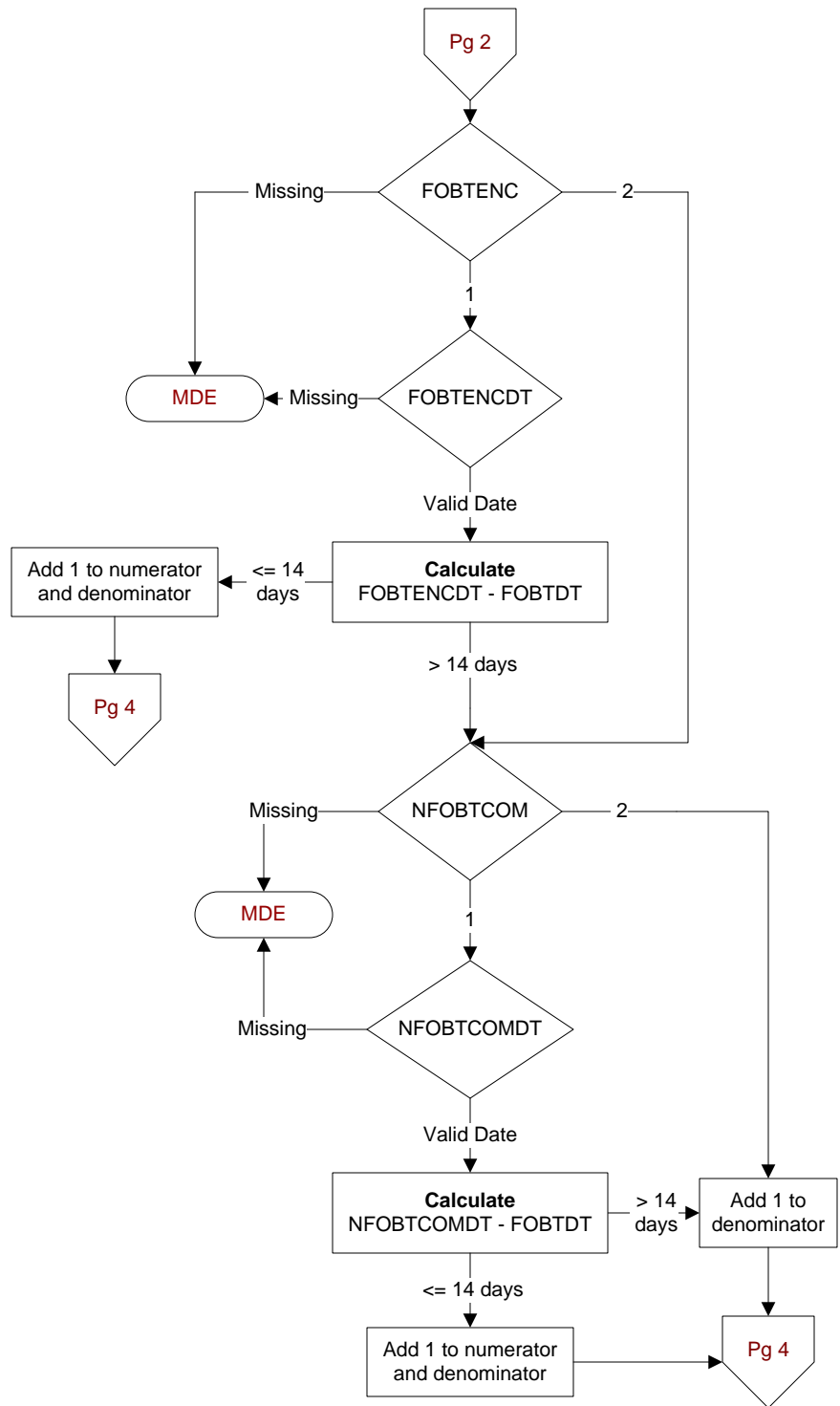
NFOBTCOM
During the timeframe from (computer display fobtdt to fobtdt + 30 days), was the FOBT/FIT result communicated to the patient by any of the following methods?
  • My HealtheVet Premium account
  • Letter - does not have to be sent by certified mail.
  • **Secure messaging is a confidential message functionality of My HealtheVet similar to email between patient and provider for non-urgent matters**
  • Clinical Video Telehealth (CVT) refers to real time clinic based video encounter between the patient and provider.
  • Telephone

1. Yes
2. No

NFOBTCOMDT
Enter the **earliest** date the negative FOBT/FIT result was communicated to the patient.

Pg 2

FOBTENC — Missing → MDE
FOBTENC — 2 →

FOBTENC — 1 → FOBTENCDT

FOBTENCDT — Missing → MDE

FOBTENCDT — Valid Date → **Calculate** FOBTENCDT - FOBTDT

Calculate FOBTENCDT - FOBTDT — <= 14 days → Add 1 to numerator and denominator → Pg 4

Calculate FOBTENCDT - FOBTDT — > 14 days → NFOBTCOM

NFOBTCOM — Missing → MDE
NFOBTCOM — 2 → Add 1 to denominator → Pg 4
NFOBTCOM — 1 → NFOBTCOMDT

NFOBTCOMDT — Missing → MDE

NFOBTCOMDT — Valid Date → **Calculate** NFOBTCOMDT - FOBTDT

Calculate NFOBTCOMDT - FOBTDT — > 14 days → Add 1 to denominator → Pg 4

Calculate NFOBTCOMDT - FOBTDT — <= 14 days → Add 1 to numerator and denominator → Pg 4

Pg 3

2 — AFOBTCOM — Missing ▶ MDE

1

MDE ◀ Missing — AFOBTCOMDT

Valid Date

Calculate
AFOBTCOMDT - FOBTDT

> 14 days ◀

<= 7 days ▶

> 7 and <= 14 days

2 — NOFOBTCOM — Missing ▶ MDE

1

MDE ◀ Missing — FOBTMETH — 2 ▶ Add 1 to numerator and denominator

1, 3, 4, 5, 6, 7, 8

Add 1 to denominator

Pg 4

AFOBTCOMDT
Enter the **earliest** date the abnormal FOBT/FIT result was communicated to the patient.

NOFOBTCOM
During the timeframe from (computer display fobtdt to fobtdt + 14 days), is there documentation of a reason why the abnormal FOBT/FIT result was not communicated timely to the patient?
1. Yes
2. No

FOBTMETH
What method was used to notify the patient of the FOBT/FIT result?
1. Certified letter
2. Face to face encounter
3. Letter (not certified)
4. My HealtheVet Premium account
5. Secure messaging
6. Clinical Video Telehealth (CVT)
7. Telephone (including Audiocare)
8. Other (e.g., fax)

AFOBTCOM
During the timeframe from (computer display fobtdt to fobtdt + 30 days), was the positive FOBT/FIT result communicated to the patient by one of the following methods?
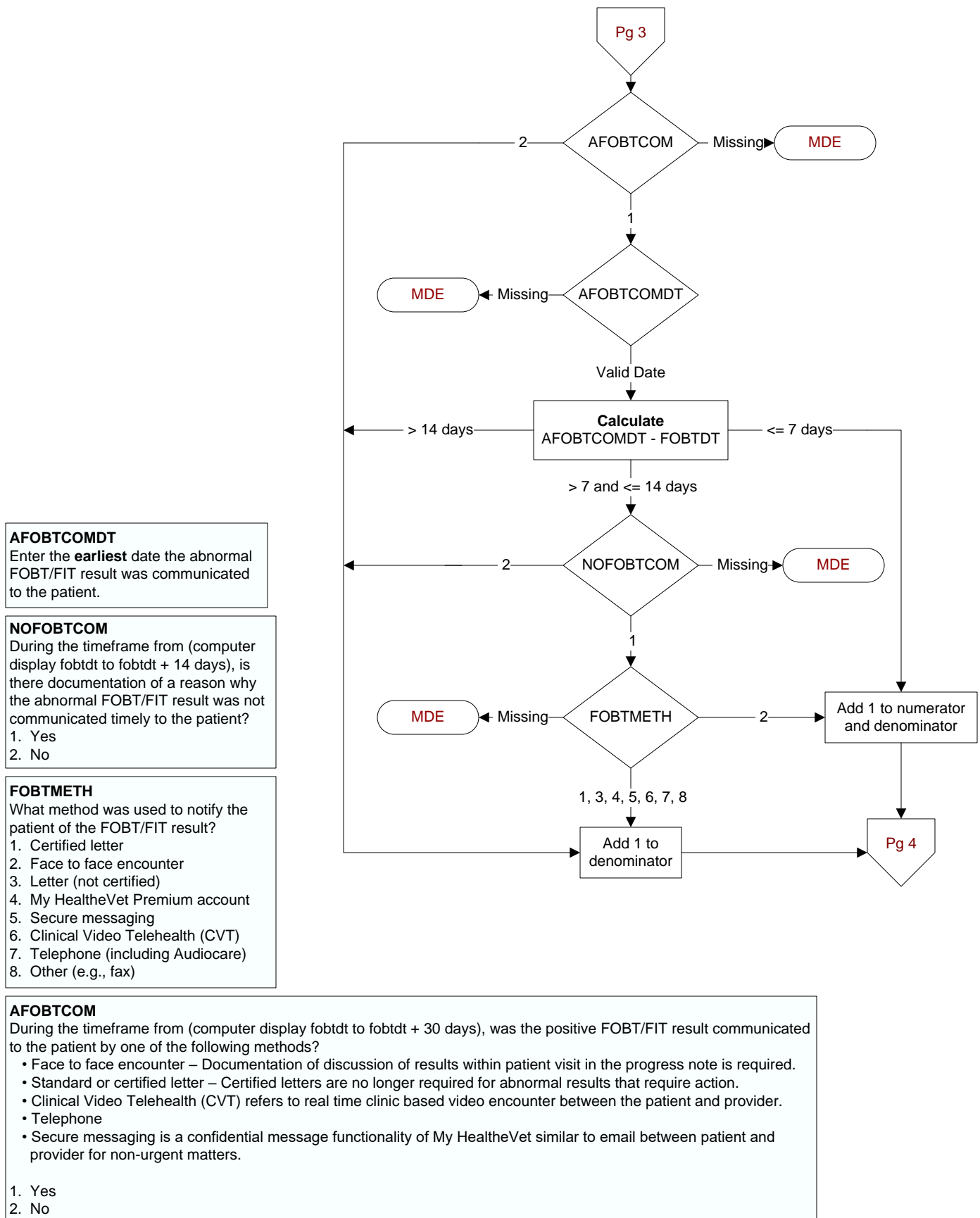• Face to face encounter – Documentation of discussion of results within patient visit in the progress note is required.
• Standard or certified letter – Certified letters are no longer required for abnormal results that require action.
• Clinical Video Telehealth (CVT) refers to real time clinic based video encounter between the patient and provider.
• Telephone
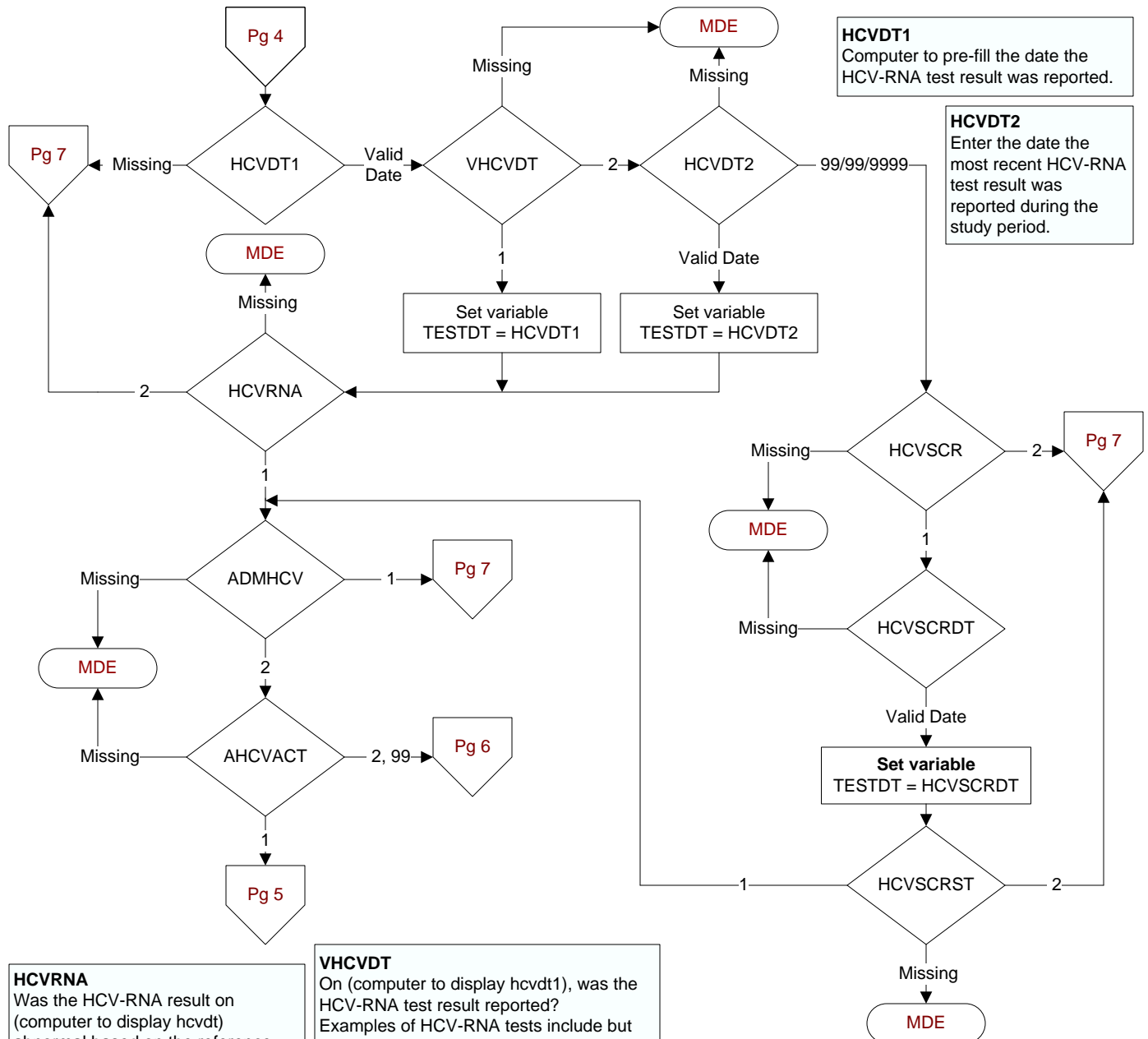• Secure messaging is a confidential message functionality of My HealtheVet similar to email between patient and provider for non-urgent matters.

1. Yes
2. No

Flowchart

Pg 4

MDE

HCVDT1
Computer to pre-fill the date the HCV-RNA test result was reported.

HCVDT2
Enter the date the most recent HCV-RNA test result was reported during the study period.

Pg 7 ← Missing ← HCVDT1 → Valid Date → VHCVDT → 2 → HCVDT2 → 99/99/9999

Missing → MDE (from VHCVDT)

Missing → MDE (from HCVDT2)

MDE (Missing from HCVDT1 below)

VHCVDT → 1 → Set variable TESTDT = HCVDT1

HCVDT2 → Valid Date → Set variable TESTDT = HCVDT2

HCVRNA ← 2 (to Pg 7)

Missing → MDE (HCVRNA)

HCVRNA → 1 → ADMHCV

HCVSCR: Missing → MDE; 2 → Pg 7; 1 → HCVSCRDT

ADMHCV → Missing → MDE
ADMHCV → 1 → Pg 7
ADMHCV → 2 → AHCVACT

HCVSCRDT → Missing (to HCVSCR)
HCVSCRDT → Valid Date → **Set variable** TESTDT = HCVSCRDT

AHCVACT → Missing → MDE
AHCVACT → 2, 99 → Pg 6
AHCVACT → 1 → Pg 5

HCVSCRST: 1 → (to ADMHCV); 2 → Pg 7
HCVSCRST → Missing → MDE

HCVRNA
Was the HCV-RNA result on (computer to display hcvdt) abnormal based on the reference range in the lab report?
1. Yes
2. No

ADMHCV
During the timeframe from (If vhcvdt =1, computer to display hcvdt1 to hcvdt1 +7 days; if vhcvdt =2 and hcvdt2=99/99/9999 display hcvscrdt to hcvscrdt + 7 days; else if vhcvdt=2 display hcvdt2 to hcvdt2 + 7 days), was the patient admitted to an inpatient setting?
1. Yes
2. No

HCVSCRST
What was the result of the screening test for HCV?
1. Positive or reactive
2. Negative or non-reactive

VHCVDT
On (computer to display hcvdt1), was the HCV-RNA test result reported?
Examples of HCV-RNA tests include but are not limited to:
 • HCV RNA
 • HCV RNA PCR
 • HCV PCR
 • HCV RNA Quantitative (RT-PCR)
 • HCV RNA Quantitative (bDNA)
 • HCV RQ
 • Viral Hepatitis C RNA by PCR
 • hepatitis C Viral Load
 • HCV VL (REFLEX)

1. Yes
2. No

HCVSCR
During the timeframe from (computer to display stdybeg to stdyend), was a screening test for Hepatitis C (HCV) performed?
1. Yes
2. No

HCVSCRDT
Enter the date the HCV screening test was reported.

AHCVACT
During the timeframe from (If vhcvdt =1, computer to display hcvdt1 to hcvdt1 +7 days; if vhcvdt =2 and hcvdt2=99/99/9999 display hcvscrdt to hcvscrdt + 7 days; else if vhcvdt=2 display hcvdt2 to hcvdt2 + 7 days), did the ordering provider document the positive/reactive HCV-RNA or HCV screening test result required action or that action was taken?
1. Yes, provider documented test result required action or that action was taken
2. No, provider documented test result did not require action
99. NO documentation that the test result required action or that action was taken

Pg 5

AHCVCOM

2 ──────────

Missing ▶ MDE

1

MDE ◀ Missing ── AHCVCOMDT

Valid Date

Calculate
AHCVCOMDT - TESTDT

> 14 days ◀

<= 7 days ▶

> 7 and <= 14 days

NOHCVCOM

2 ──────────

Missing ▶ MDE

1

MDE ◀ Missing ── HCVMETH ── 2 ▶ Add 1 to numerator and denominator

1, 3, 4, 5, 6, 7, 8

Add 1 to denominator

Pg 7

AHCVCOM
During the timeframe from (If vhcvdt =1, computer to display hcvdt1 to hcvdt1 + 30 days; if vhcvdt =2 and hcvdt2=99/99/9999 display hcvscrdt to hcvscrdt + 30 days; else if vhcvdt=2 display hcvdt2 to hcvdt2 + 30 days), was the positive/reactive HCV-RNA or HCV screening test result communicated to the patient by one of the following methods?
  • Face to face encounter – Documentation of discussion of results within patient visit in the progress note is required.
  • **Standard or certified letter – Certified letters are no longer required for abnormal results that require action.**
  • Clinical Video Telehealth (CVT) refers to real time clinic based video encounter between the patient and provider.
  • Telephone
  • Secure messaging is a confidential message functionality of My HealtheVet similar to email between patient and provider for non-urgent matters.

1. Yes
2. No

AHIVCOMDT
Enter the earliest date the (positive?) HIV result was communicated to the patient.
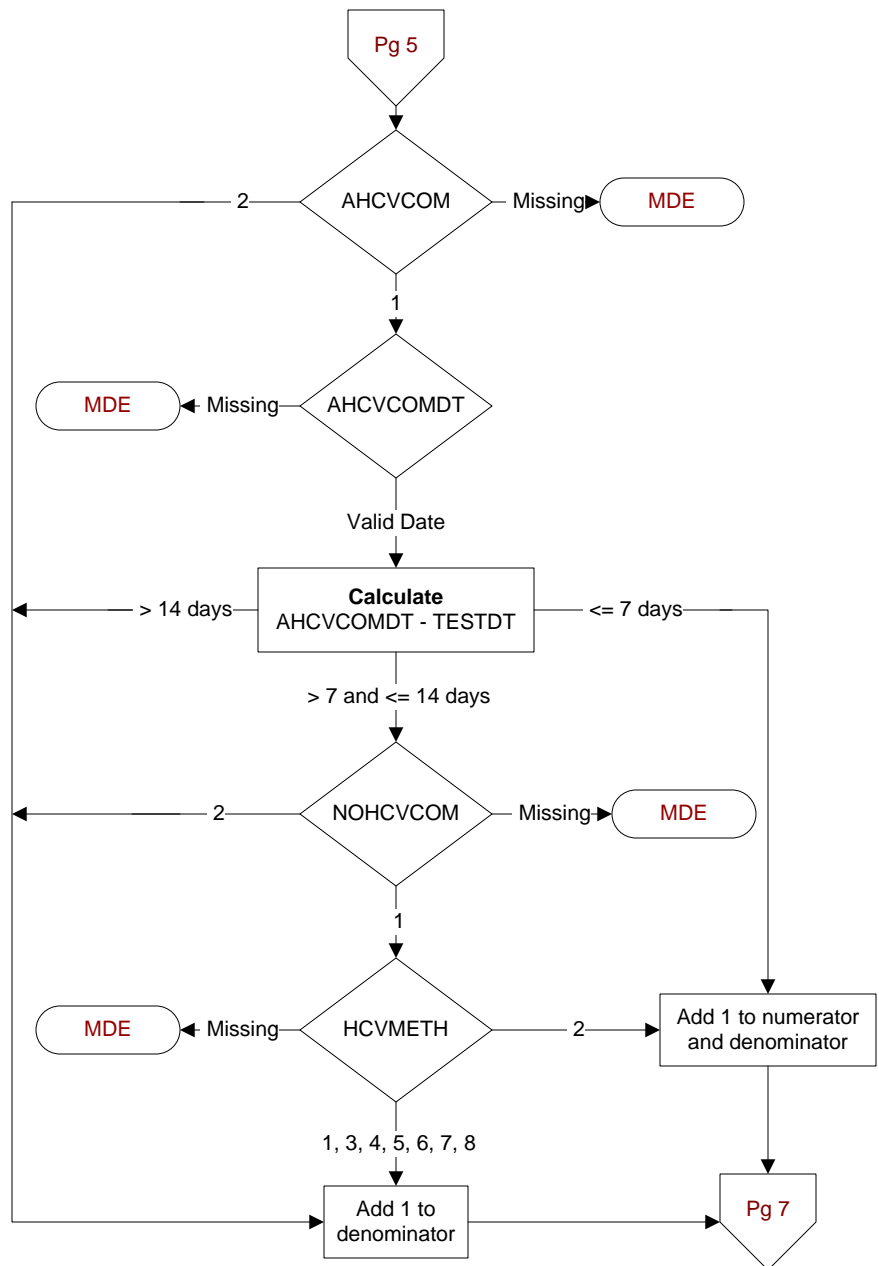
NOHCVCOM
During the timeframe from (If vhcvdt =1, computer to display hcvdt1 to hcvdt1 + 14 days; if vhcvdt =2 and hcvdt2=99/99/9999 display hcvscrdt to hcvscrdt + 14 days; else if vhcvdt=2 display hcvdt2 to hcvdt2 + 14 days), is there documentation of a reason why the positive/reactive HCV-RNA or HCV screening test result was not communicated timely to the patient?
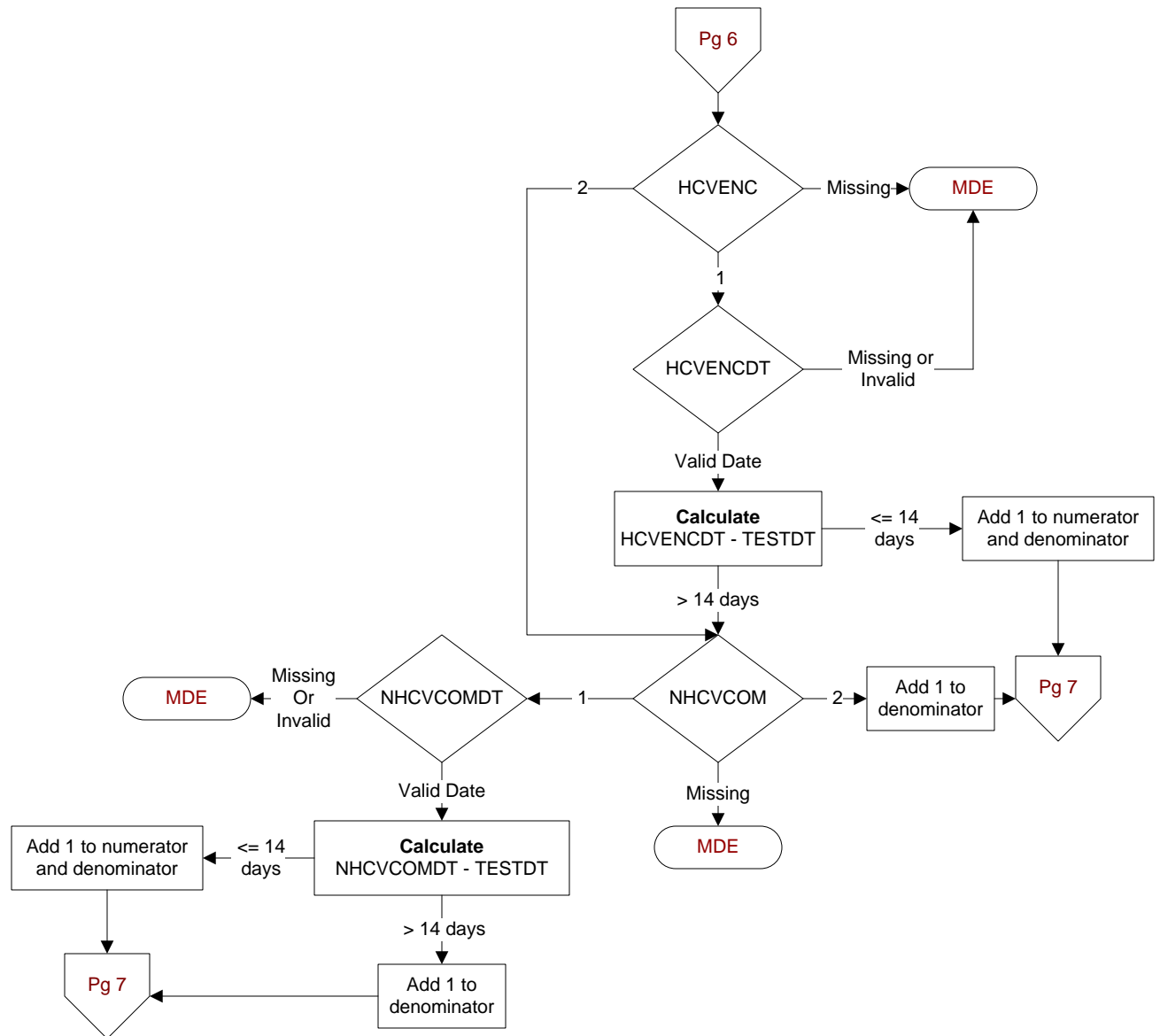1. Yes
2. No

HCVMETH
What method was used to notify the patient of the HCV-RNA or HCV screening test result?
1. Certified letter
2. Face to face encounter
3. Letter (not certified)
4. My HealtheVet Premium account
5. Secure messaging
6. Clinical Video Telehealth (CVT)
7. Telephone (including Audiocare)
8. Other (e.g., fax)

Pg 6

HCVENC

2 →

Missing → MDE

1

HCVENCDT

Missing or Invalid →

Valid Date

Calculate HCVENCDT - TESTDT

<= 14 days → Add 1 to numerator and denominator

> 14 days

NHCVCOMDT ← 1 ← NHCVCOM → 2 → Add 1 to denominator → Pg 7

Missing Or Invalid → MDE

Valid Date

Missing → MDE

Calculate NHCVCOMDT - TESTDT

<= 14 days → Add 1 to numerator and denominator → Pg 7

> 14 days → Add 1 to denominator → Pg 7

HCVENC
During the timeframe from (If vhcvdt =1, computer to display hcvdt1 to hcvdt1 + 30 days; if vhcvdt =2 and hcvdt2=99/99/9999 display hcvscrdt to hcvscrdt + 30 days; else if vhcvdt=2 display hcvdt2 to hcvdt2 + 30 days), did the patient have a face to face encounter with a physician/APN/PA?
1. Yes
2. No

HCVENCDT
Enter the earliest date of the face to face encounter with a physician/APN/PA.
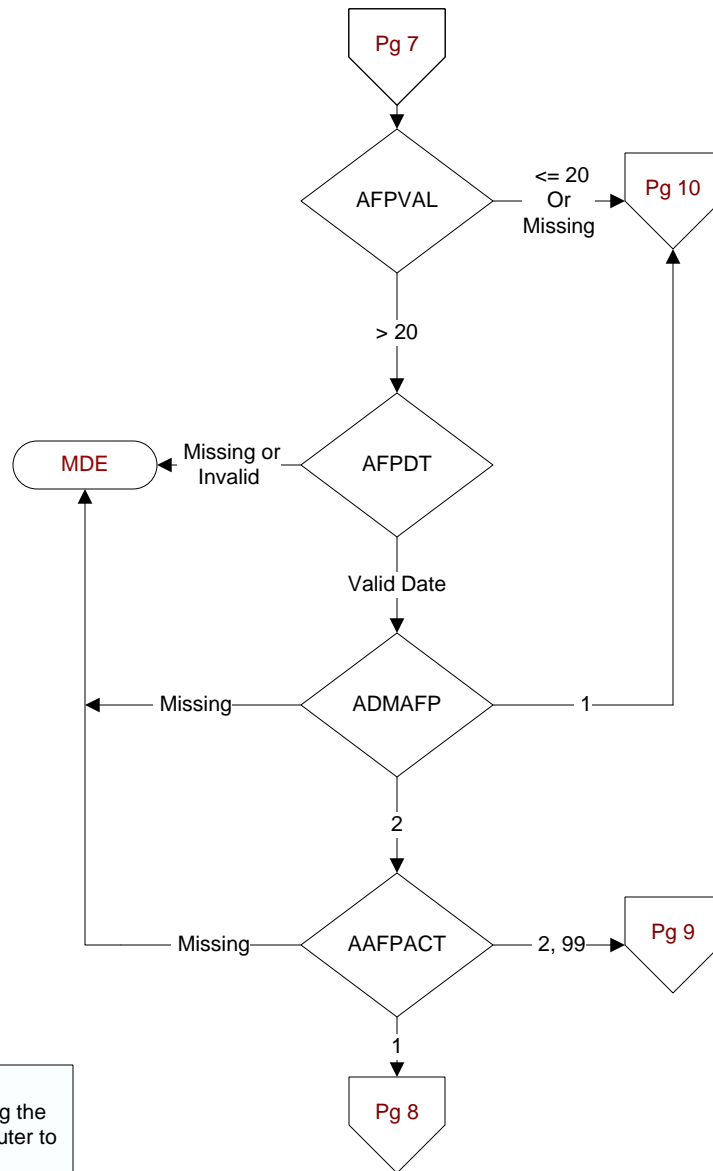
NHCVCOMDT
Enter the earliest date the HCV-RNA or HCV screening test result was communicated to the patient.

NHCVCOM
During the timeframe from (If vhcvdt =1, computer to display hcvdt1 to hcvdt1 + 30 days; if vhcvdt = 2 and hcvdt2 = 99/99/9999 display hcvscrdt to hcvscrdt + 30 days; else if vhcvdt = 2 display hcvdt2 to hcvdt2 + 30 days), was the HCV-RNA result communicated to the patient by any of the following methods?
  • My HealtheVet Premium account
  • Letter - does not have to be sent by certified mail.
  • Secure messaging is a confidential message functionality of My HealtheVet similar to email between patient and provider for non-urgent matters
  • Clinical Video Telehealth (CVT) refers to real time clinic based video encounter between the patient and provider.
  • Telephone

1. Yes
2. No

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                                    ┌─────────┐
                                    │  Pg 7   │
                                    └────┬────┘
                                         │
                                         ▼
                                       ◇ AFPVAL ◇ ──── <= 20 / Or / Missing ──► [ Pg 10 ]
                                         │
                                        > 20
                                         │
                                         ▼
              ( MDE ) ◄── Missing or Invalid ── ◇ AFPDT ◇
                 ▲                               │
                 │                           Valid Date
                 │                               │
                 │                               ▼
                 │◄──────── Missing ──────── ◇ ADMAFP ◇ ──── 1 ──► [ Pg 10 ]
                 │                               │
                 │                               2
                 │                               │
                 │                               ▼
                 └──────── Missing ──────── ◇ AAFPACT ◇ ──── 2, 99 ──► [ Pg 9 ]
                                                 │
                                                 1
                                                 │
                                                 ▼
                                             [ Pg 8 ]
```

AFPVAL
Computer to pre-fill the result of the AFP reported during the timeframe from (computer to display stdybeg) to (computer to display stdyend).

AFPDT
Computer to pre-fill the date the AFP result was reported.

ADMAFP
During the timeframe from (computer display afpdt to afpdt +7 days), was the patient admitted to an inpatient setting?
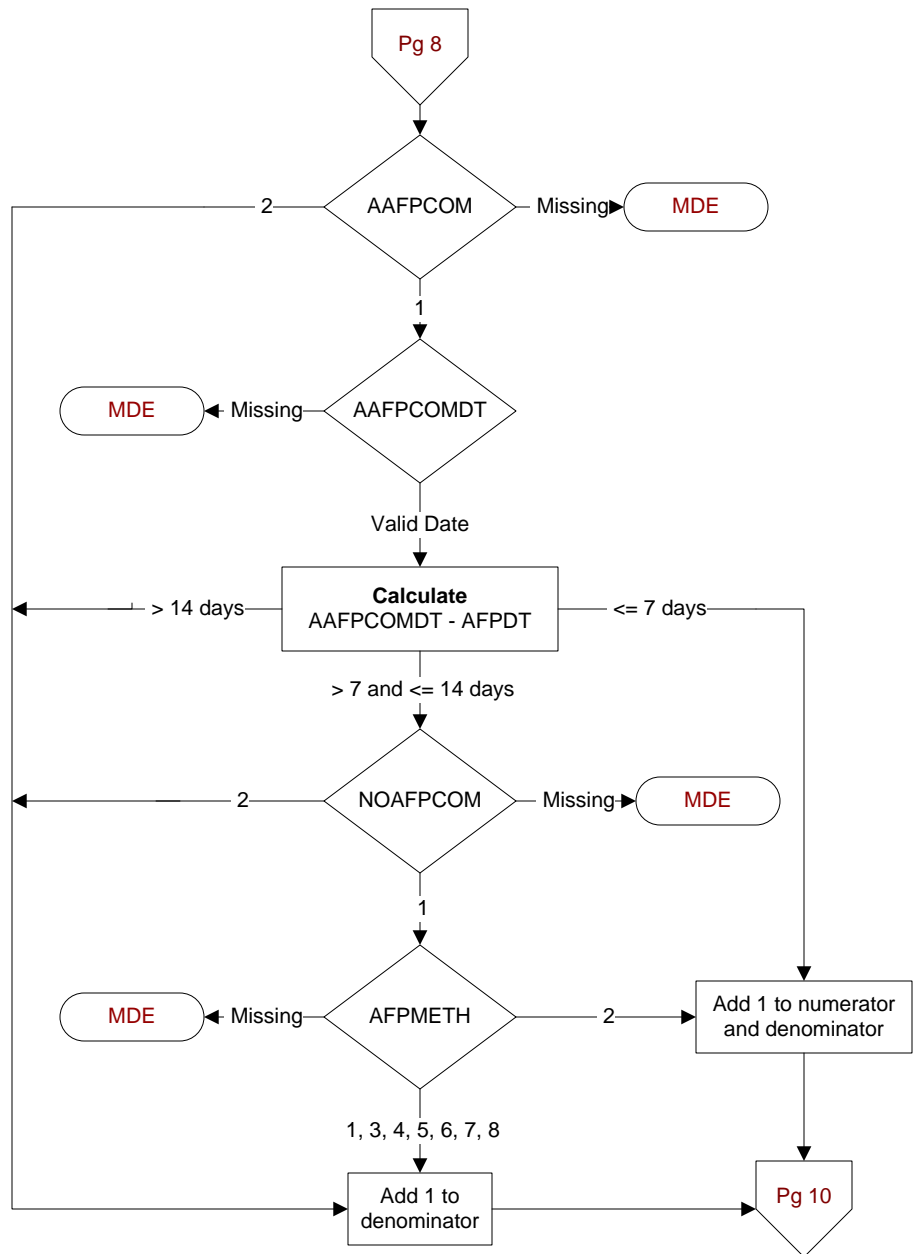1. Yes
2. No

AAFPACT
During the timeframe from (computer display afpdt to afpdt + 7 days), did the ordering provider document the abnormal AFP result required action or that action was taken?
1. Yes, provider documented test result required action or that action was taken
2. No, provider documented test result did not require action
99. NO documentation that the test result required action or that action was taken

Pg 8

AAFPCOM — 2 →

AAFPCOM — Missing ▶ MDE

1

MDE ◀ Missing — AAFPCOMDT

Valid Date

Calculate
AAFPCOMDT - AFPDT

> 14 days ←

<= 7 days →

> 7 and <= 14 days

NOAFPCOM — 2 →

NOAFPCOM — Missing ▶ MDE

1

MDE ◀ Missing — AFPMETH — 2 → Add 1 to numerator and denominator

1, 3, 4, 5, 6, 7, 8

Add 1 to denominator

Pg 10

AAFPCOM
During the timeframe from (computer display afpdt to afpdt + 30 days), was the abnormal AFP result communicated to the patient by one of the following methods?
  • Face to face encounter – Documentation of discussion of results within patient visit in the progress note is required.
  • **Standard or certified letter – Certified letters are no longer required for abnormal results that require action.**
  • Clinical Video Telehealth (CVT) refers to real time clinic based video encounter between the patient and provider.
  • Telephone
  • Secure messaging is a confidential message functionality of My HealtheVet similar to email between patient and provider for non-urgent matters.

1. Yes
2. No

AAFPCOMDT
Enter the **earliest** date the abnormal AFP result was communicated to the patient.
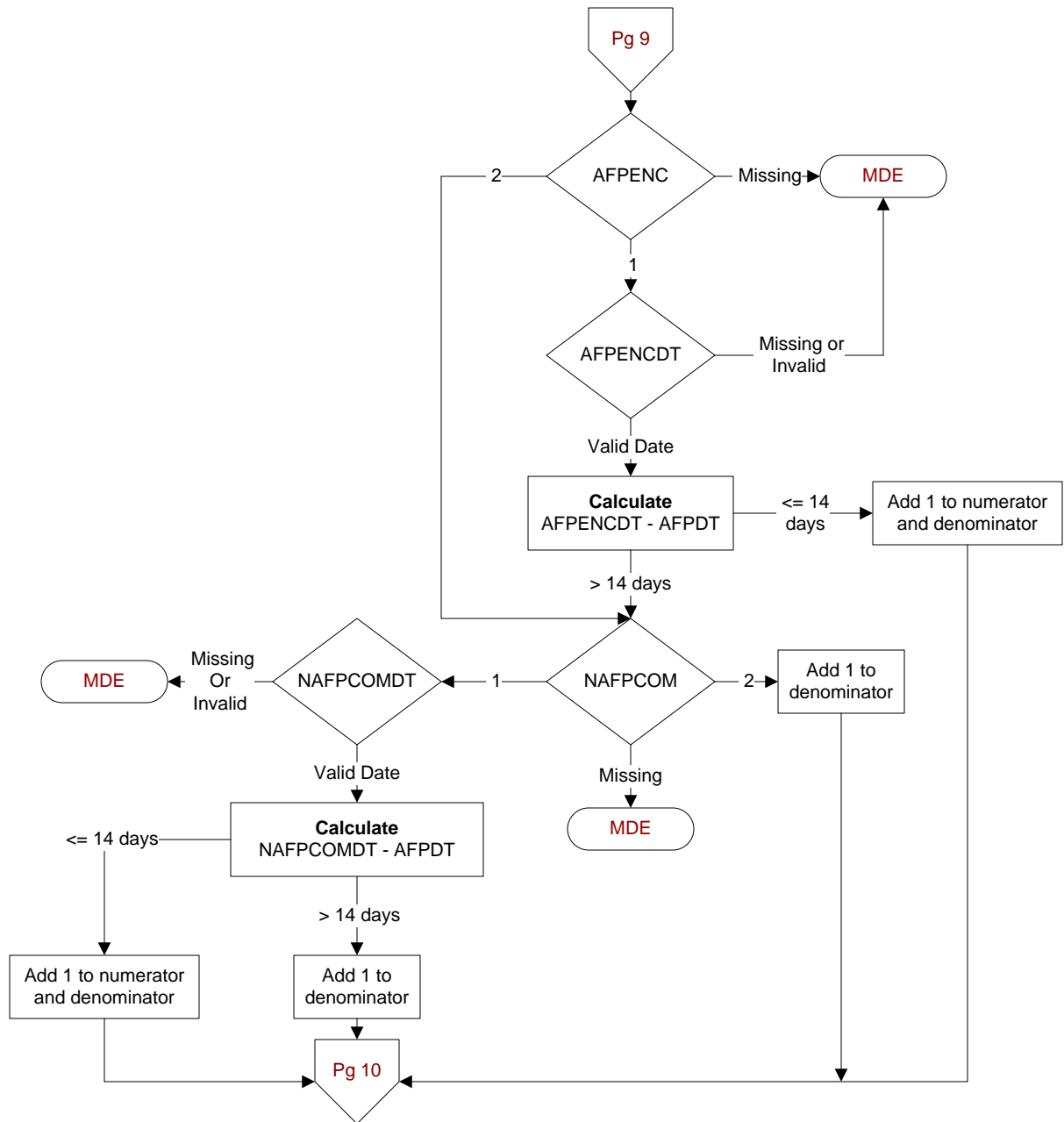
NOAFPCOM
During the timeframe from (computer display afpdt to afpdt + 14 days), is there documentation of a reason why the abnormal AFP result was not communicated timely to the patient?
1. Yes
2. No

AFPMETH
What method was used to notify the patient of the AFP result?
1. Certified letter
2. Face to face encounter
3. Letter (not certified)
4. My HealtheVet Premium account
5. Secure messaging
6. Clinical Video Telehealth (CVT)
7. Telephone (including Audiocare)
8. Other (e.g., fax)

Pg 9

AFPENC — 2 →

AFPENC — Missing → MDE

AFPENC — 1 ↓

AFPENCDT — Missing or Invalid → MDE

AFPENCDT — Valid Date ↓

Calculate AFPENCDT - AFPDT — <= 14 days → Add 1 to numerator and denominator

Calculate AFPENCDT - AFPDT — > 14 days ↓

NAFPCOMDT — Missing Or Invalid → MDE

NAFPCOM — 1 → NAFPCOMDT

NAFPCOM — 2 → Add 1 to denominator

NAFPCOM — Missing → MDE

NAFPCOMDT — Valid Date ↓

Calculate NAFPCOMDT - AFPDT — <= 14 days → Add 1 to numerator and denominator

Calculate NAFPCOMDT - AFPDT — > 14 days → Add 1 to denominator

Pg 10

AFPENC
During the timeframe from (computer display afpdt to afpdt + 30 days), did the patient have a face to face encounter with a physician/APN/PA?
1. Yes
2. No

AFPENCDT
Enter the earliest date of the face to face encounter with a physician/APN/PA.
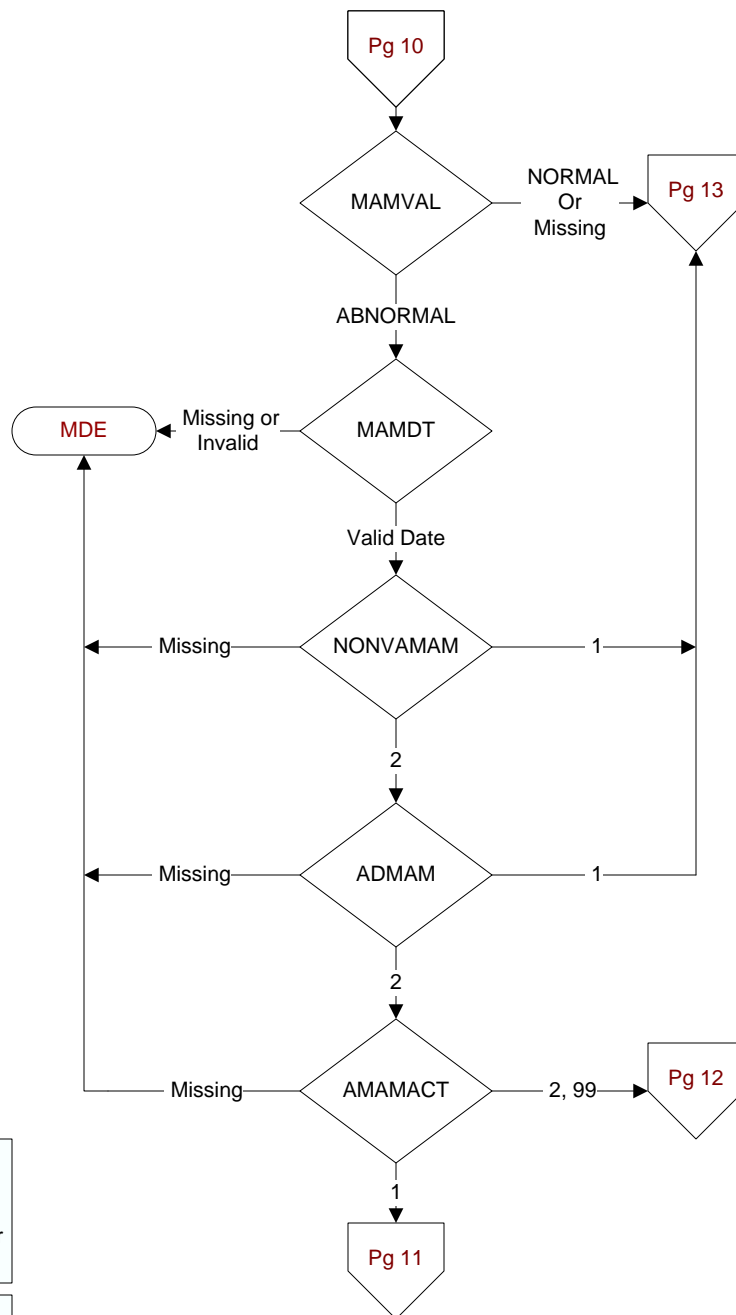
NAFPCOMDT
Enter the **earliest** date the normal AFP result was communicated to the patient.

NAFPCOM
During the timeframe from (computer display afpdt to afpdt + 30 days), was the AFP result communicated to the patient by any of the following methods?
 • My HealtheVet Premium account
 • Letter - does not have to be sent by certified mail.
 • Secure messaging is a confidential message functionality of My HealtheVet similar to email between patient and provider for non-urgent matters
 • Clinical Video Telehealth (CVT) refers to real time clinic based video encounter between the patient and provider.
 • Telephone

1. Yes
2. No

Pg 10

MAMVAL — NORMAL Or Missing → Pg 13

ABNORMAL

MDE ← Missing or Invalid — MAMDT

Valid Date

Missing ← NONVAMAM — 1 →

2

Missing ← ADMAM — 1

2

Missing — AMAMACT — 2, 99 → Pg 12

1

Pg 11

MAMVAL
Computer to pre-fill the result of the mammogram reported during the timeframe from (computer to display stdybeg) to (computer to display stdyend).

MAMDT
Computer to pre-fill the date the mammogram result was reported.

NONVAMAM
Is there documentation that the mammogram was performed outside of VHA?
1. Yes
2. No

ADMAM
During the timeframe from (computer display mamdt to mamdt +7 days), was the patient admitted to an inpatient setting?
1. Yes
2. No

AMAMACT
During the timeframe from (computer display mamdt to mamdt + 7 days), did the ordering provider document the abnormal mammogram result required action or that action was taken?
1. Yes, provider documented test result required action or that action was taken
2. No, provider documented test result did not require action
99. NO documentation that the test result required action or that action was taken

Pg 11

2 — AMAMCOM — Missing ▸ MDE

1

MDE ◂ Missing — AMAMCOMDT

Valid Date

> 14 days ◂ **Calculate**
AMAMCOMDT - MAMDT — <= 7 days

> 7 and <= 14 days

2 ◂ NOMAMCOM — Missing ▸ MDE

1

MDE ◂ Missing — MAMETH — 2 — Add 1 to numerator and denominator

1, 3, 4, 5, 6, 7, 8

Add 1 to denominator — Pg 13
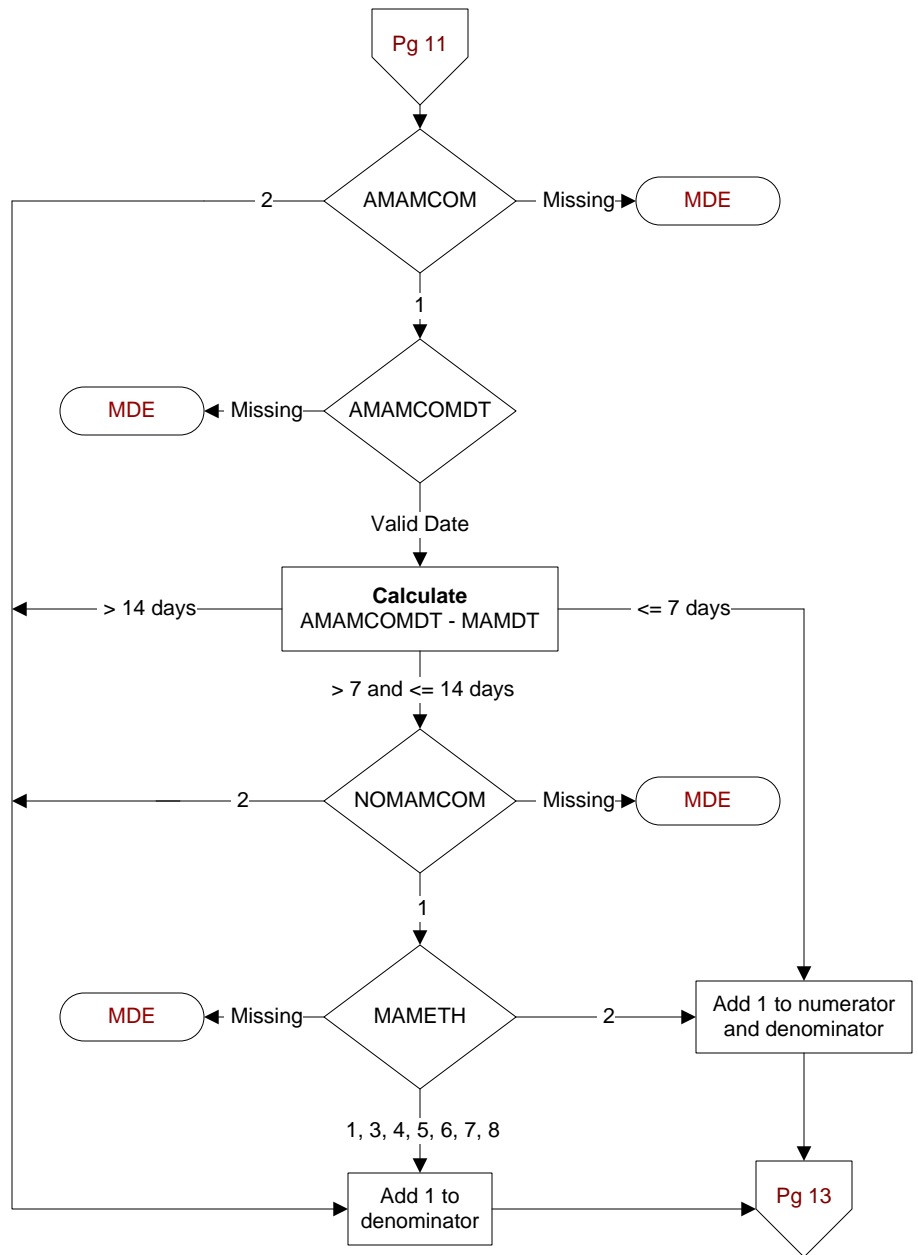
AMAMCOM
During the timeframe from (computer display mamdt to mamdt + 30 days), was the abnormal mammogram result communicated to the patient by one of the following methods?
  • Face to face encounter – Documentation of discussion of results within patient visit in the progress note is required.
  • **Standard or certified letter – Certified letters are no longer required for abnormal results that require action.**
  • Clinical Video Telehealth (CVT) refers to real time clinic based video encounter between the patient and provider.
  • Telephone
  • Secure messaging is a confidential message functionality of My HealtheVet similar to email between patient and provider for non-urgent matters.

1. Yes
2. No

AMAMCOMDT
Enter the earliest date the abnormal mammogram result was communicated to the patient.

NOMAMCOM
During the timeframe from (computer display mamdt to mamdt + 14 days), is there documentation of a reason why the abnormal mammogram result was not communicated timely to the patient?
1. Yes
2. No

MAMETH
What method was used to notify the patient of the mammogram result?
1. Certified letter
2. Face to face encounter
3. Letter (not certified)
4. My HealtheVet Premium account
5. Secure messaging
6. Clinical Video Telehealth (CVT)
7. Telephone (including Audiocare)
8. Other (e.g., fax)

Pg 12

MAMENC — Missing → MDE

2

1

MAMENCDT — Missing or Invalid → MDE

Valid Date

Calculate MAMENCDT - MAMDT — <= 14 days → Add 1 to numerator and denominator

> 14 days

MDE

Missing or Invalid

NMAMCOMDT ← 1 — NMAMCOM — Missing → MDE

Valid Date

2

Add 1 to numerator and denominator ← <= 14 days — **Calculate** NMAMCOMDT - MAMDT — > 14 days → Add 1 to denominator

Pg 13
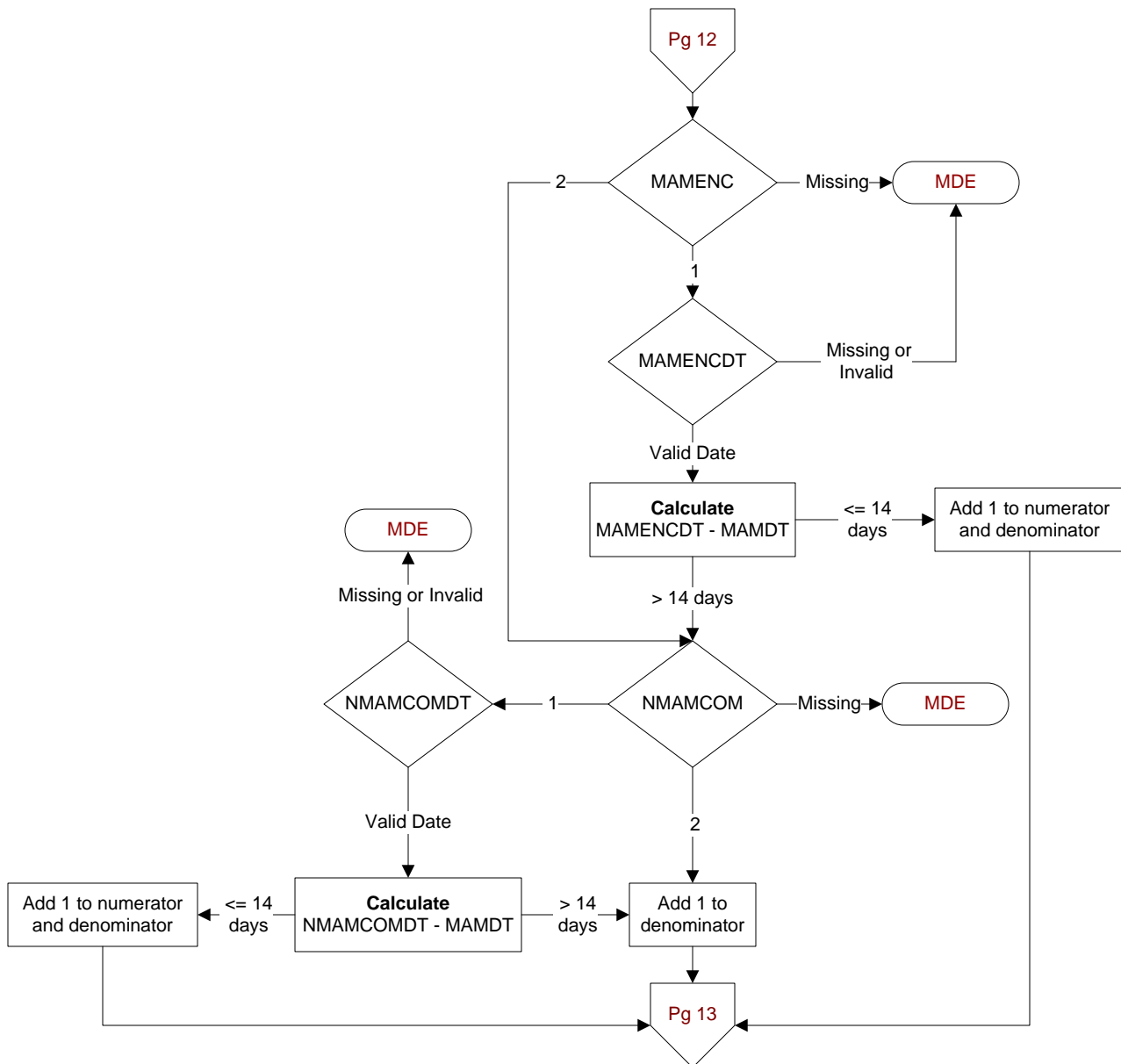
MAMENC
During the timeframe from (computer display mamdt to mamdt + 30 days), did the patient have a face to face encounter with a physician/APN/PA?
1. Yes
2. No

MAMENCDT
Enter the earliest date of the face to face encounter with a physician/APN/PA.

NMAMCOMDT
Enter the earliest date the normal mammogram result was communicated to the patient.

NMAMCOM
During the timeframe from (computer display mamdt to mamdt + 30 days), was the mammogram result communicated to the patient by any of the following methods?
 • My HealtheVet Premium account
 • Letter - does not have to be sent by certified mail.
 • Secure messaging is a confidential message functionality of My HealtheVet similar to email between patient and provider for non-urgent matters
 • Clinical Video Telehealth (CVT) refers to real time clinic based video encounter between the patient and provider.
 • Telephone

1. Yes
2. No

Pg 13

DEXDT — Missing

Valid Date

MDE ◄— Missing — DEXVAL — 2 —►

1

Missing —► ADMDEX — 1 —► Pg 16

2

Missing — ADEXACT — 2, 99 —► Pg 15

1

Pg 14

DEXDT
Computer to pre-fill the date the DEXA Scan was reported.

DEXVAL
For the DEXA Scan on (computer to display dexdt) was the reported result a **T-score of -2.5 or lower (abnormal)**?
1. Yes
2. No

ADMDEX
During the timeframe from (computer display dexdt to dexdt +7 days), was the patient admitted to an inpatient setting?
1. Yes
2. No

ADEXACT
During the timeframe from (computer display dexdt to dexdt + 7 days), did the ordering provider document the abnormal DEXA Scan result required action or that action was taken?
1. Yes, provider documented test result required action or that action was taken
2. No, provider documented test result did not require action
99. NO documentation that the test result required action or that action was taken

Pg 14

ADEXCOM

2 ——— (to denominator)

Missing ► MDE

1

MDE ◄ Missing ——— ADEXCOMDT

Valid Date

Calculate
ADEXCOMDT - DEXDT

> 14 days ———

<= 7 days ———

> 7 and <= 14 days

NODEXCOM

2 ———

Missing ► MDE

1

MDE ◄ Missing ——— DEXMETH ——— 2 ► Add 1 to numerator and denominator

1, 3, 4, 5, 6, 7, 8

Add 1 to denominator ———► Pg 16
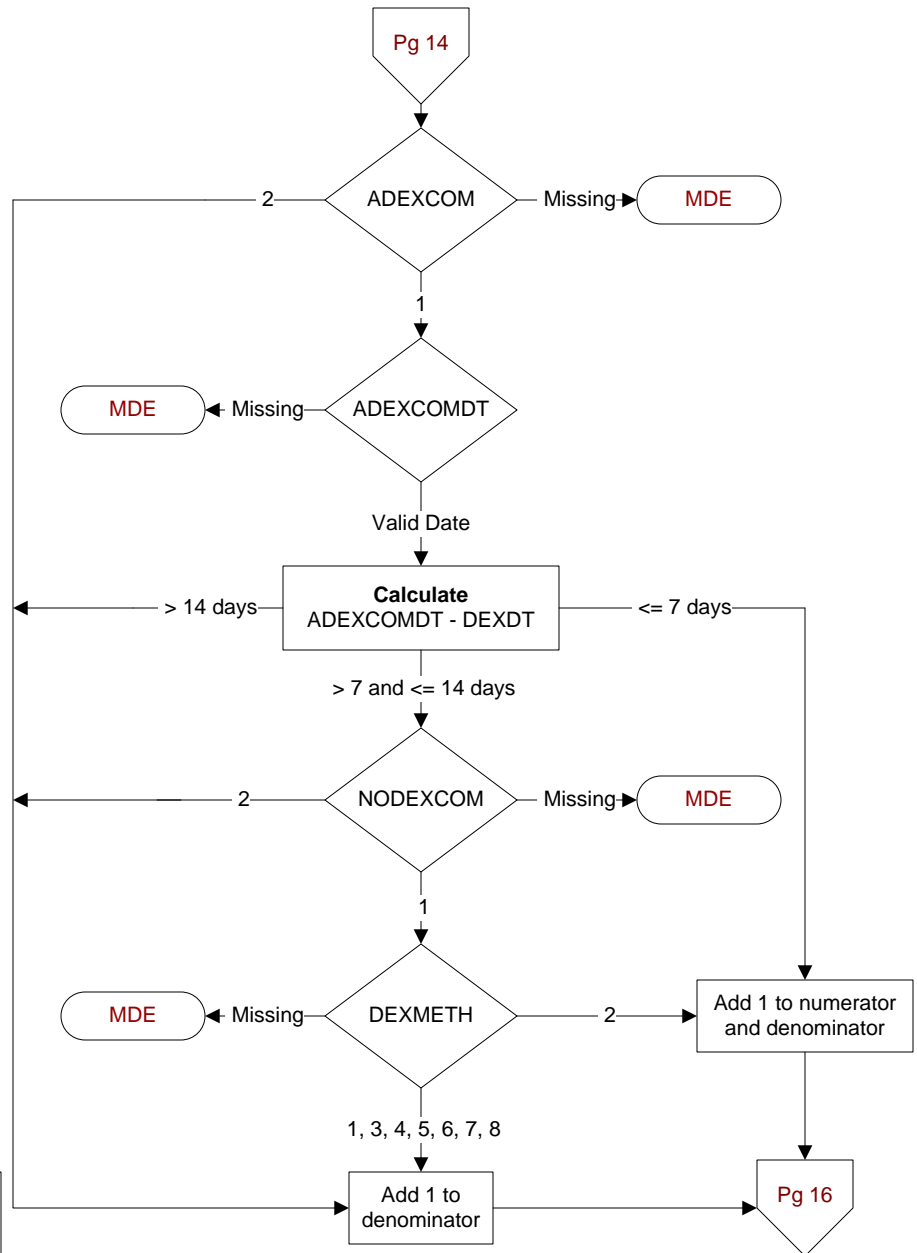
ADEXCOM
During the timeframe from (computer display dexdt to dexdt + 30 days), was the abnormal DEXA Scan result communicated to the patient by one of the following methods?
 • Face to face encounter – Documentation of discussion of results within patient visit in the progress note is required.
 • **Standard or certified letter – Certified letters are no longer required for abnormal results that require action**.
 • Clinical Video Telehealth (CVT) refers to real time clinic based video encounter between the patient and provider.
 • Telephone
 • Secure messaging is a confidential message functionality of My HealtheVet similar to email between patient and provider for non-urgent matters.
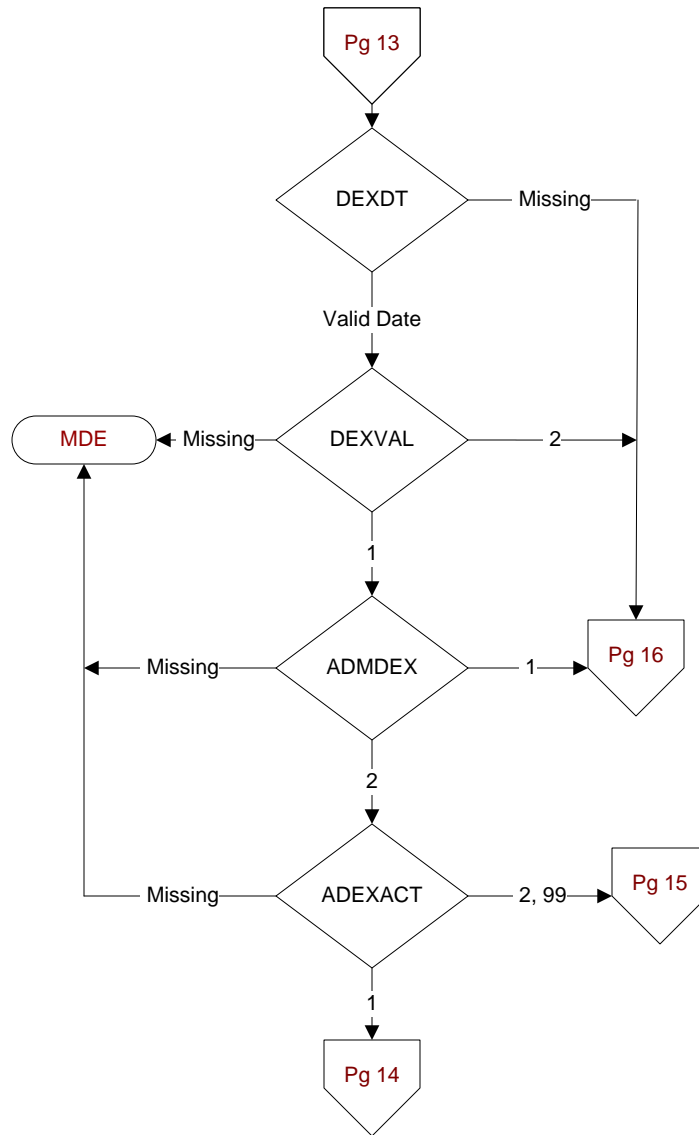
1. Yes
2. No

ADEXCOMDT
Enter the **earliest** date the abnormal DEXA Scan result was communicated to the patient.

NODEXCOM
During the timeframe from (computer display dexdt to dexdt + 14 days), is there documentation of a reason why the abnormal DEXA Scan result was not communicated timely to the patient?
1. Yes
2. No

DEXMETH
What method was used to notify the patient of the DEXA Scan result?
1. Certified letter
2. Face to face encounter
3. Letter (not certified)
4. My HealtheVet Premium account
5. Secure messaging
6. Clinical Video Telehealth (CVT)
7. Telephone (including Audiocare)
8. Other (e.g., fax)

Pg 15

DEXENC

2 ← DEXENC

Missing → MDE

1 → DEXENCDT

Missing or Invalid →

Valid Date

Calculate DEXENCDT - DEXDT

<= 14 days → Add 1 to numerator and denominator

> 14 days

MDE ← Missing Or Invalid ← NDEXCOMDT ← 1 ← NDEXCOM → 2 → Add 1 to denominator

Valid Date

Missing → MDE

Calculate NDEXCOMDT - DEXDT

<= 14 days → Add 1 to numerator and denominator

> 14 days → Add 1 to denominator

Pg 16

DEXENC
During the timeframe from (computer display dexdt to dexdt + 30 days), did the patient have a face to face encounter with a physician/APN/PA?
1. Yes
2. No

DEXENCDT
Enter the earliest date of the face to face encounter with a physician/APN/PA.

NDEXCOMDT
Enter the **earliest** date the normal DEXA Scan result was communicated to the patient.

NDEXCOM
During the timeframe from (computer display dexdt to dexdt + 30 days), was the DEXA Scan result communicated to the patient by any of the following methods?
- My HealtheVet Premium account
- Letter - does not have to be sent by certified mail.
- Secure messaging is a confidential message functionality of My HealtheVet similar to email between patient and provider for non-urgent matters
- Clinical Video Telehealth (CVT) refers to real time clinic based video encounter between the patient and provider.
- Telephone

1. Yes
2. No

Pg 16

CXRDT — Missing →

Valid Date

MDE ← Missing — CXRVAL — 2 →

1

ADMCXR — Missing →

← Missing — ADMCXR — 1 → Pg 19

2

ACXRACT — 2, 99 → Pg 18

← Missing — ACXRACT

1

Pg 17

CXRDT
Computer to pre-fill the date the chest x-ray (CXR) was reported.

CXRVAL
For the CXR on (computer to display cxrdt) was the result reported as abnormal?
1. Yes
2. No

ADMCXR
During the timeframe from (computer display cxrdt to cxrdt +7 days), was the patient admitted to an inpatient setting?
1. Yes
2. No

ACXRACT
During the timeframe from (computer display cxrdt to cxrdt + 7 days), did the ordering provider document the abnormal CXR result required action or that action was taken?
1. Yes, provider documented test result required action or that action was taken
2. No, provider documented test result did not require action
99. NO documentation that the test result required action or that action was taken

Pg 17

ACXRCOM — 2 → (left)
ACXRCOM — Missing → MDE
ACXRCOM — 1 ↓

ACXRCOMDT — Missing → MDE
ACXRCOMDT — Valid Date ↓

Calculate
ACXRCOMDT - CXRDT
- > 14 days → (left)
- <= 7 days → (right)
- > 7 and <= 14 days ↓

NOCXRCOM — 2 → (left)
NOCXRCOM — Missing → MDE
NOCXRCOM — 1 ↓

CXRMETH — Missing → MDE
CXRMETH — 2 → Add 1 to numerator and denominator
CXRMETH — 1, 3, 4, 5, 6, 7, 8 ↓

Add 1 to denominator

Add 1 to numerator and denominator ↓ Pg 19

ACXRCOM
During the timeframe from (computer display cxrdt to cxrdt + 30 days), was the abnormal CXR result communicated to the patient by one of the following methods?
- Face to face encounter – Documentation of discussion of results within patient visit in the progress note is required.
- **Standard or certified letter – Certified letters are no longer required for abnormal results that require action**.
- Clinical Video Telehealth (CVT) refers to real time clinic based video encounter between the patient and provider.
- Telephone
- Secure messaging is a confidential message functionality of My HealtheVet similar to email between patient and provider for non-urgent matters.

1. Yes
2. No

ACXRCOMDT
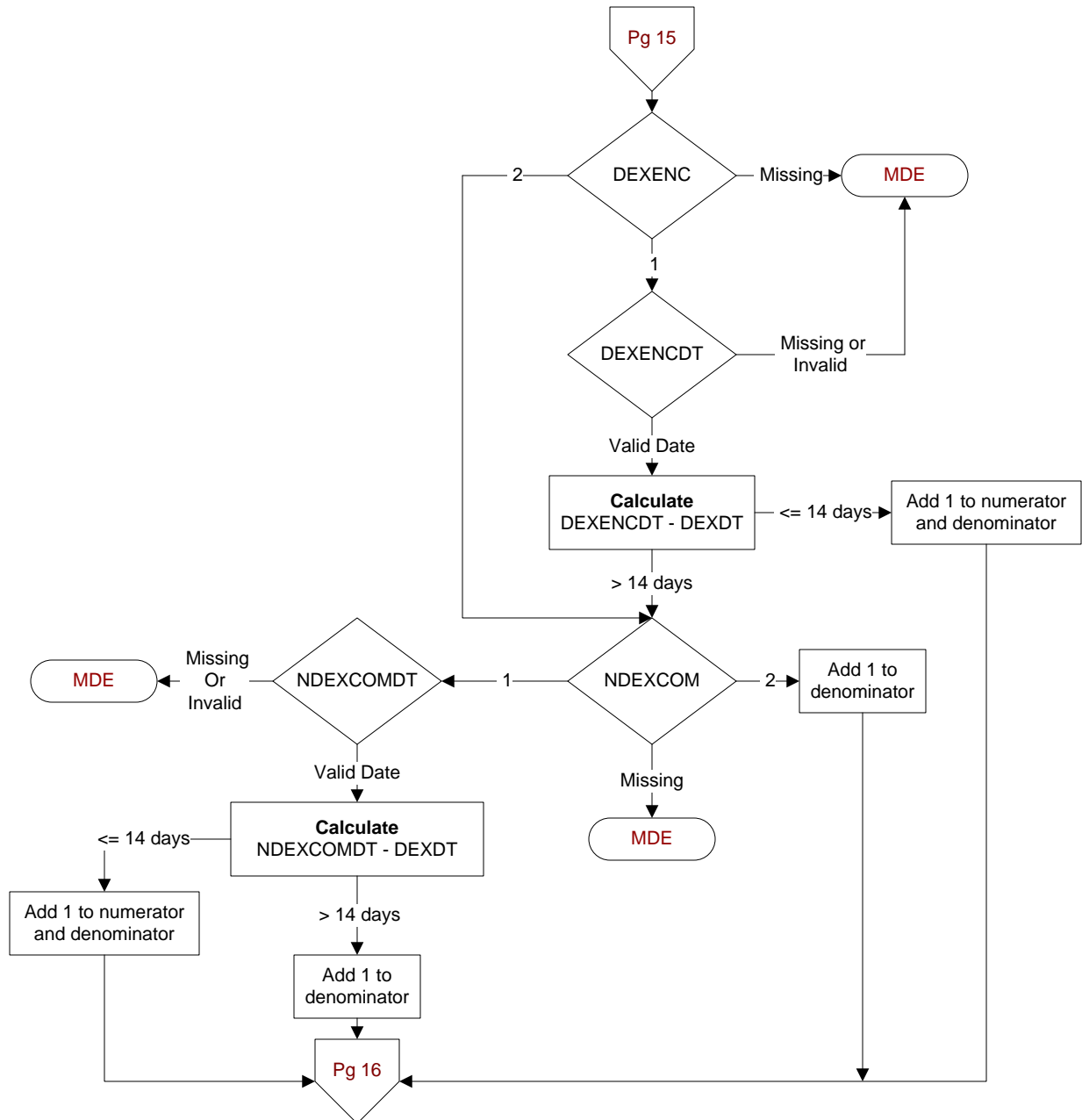Enter the **earliest** date the abnormal CXR result was communicated to the patient.

NOCXRCOM
During the timeframe from (computer display cxrdt to cxrdt + 14 days), is there documentation of a reason why the abnormal CXR result was not communicated timely to the patient?
1. Yes
2. No

CXRMETH
What method was used to notify the patient of the CXR result?
1. Certified letter
2. Face to face encounter
3. Letter (not certified)
4. My HealtheVet Premium account
5. Secure messaging
6. Clinical Video Telehealth (CVT)
7. Telephone (including Audiocare)
8. Other (e.g., fax)

Pg 18

CXRENC → Missing → MDE

2

1

CXRENCDT → Missing or Invalid → MDE

Valid Date

Calculate CXRENCDT - CXRDT → <= 14 days → Add 1 to numerator and denominator

> 14 days

Missing Or Invalid ← NCXRCOMDT ← 1 ← NCXRCOM → 2 → Add 1 to denominator

MDE

Missing

NCXRCOM → Missing → MDE

Valid Date

<= 14 days ← **Calculate** NCXRCOMDT - CXRDT

> 14 days

Add 1 to numerator and denominator

Add 1 to denominator

Pg 19

CXRENC
During the timeframe from (computer display cxrdt to cxrdt + 30 days), did the patient have a face to face encounter with a physician/APN/PA?
1. Yes
2. No

CXRENCDT
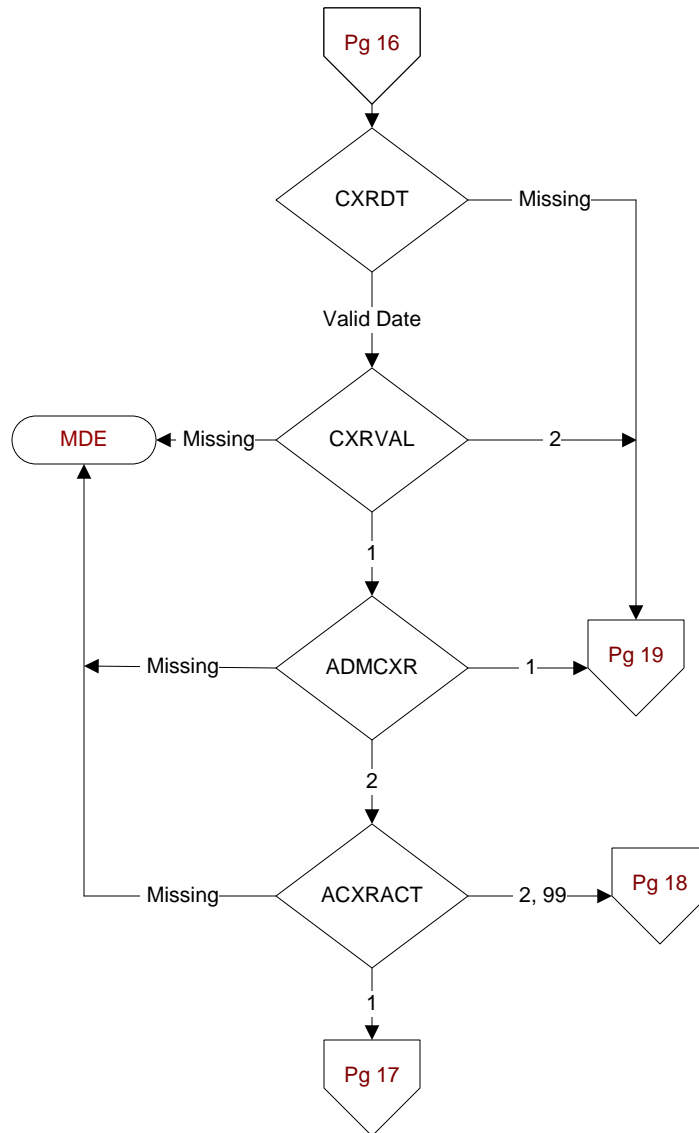Enter the earliest date of the face to face encounter with a physician/APN/PA.

NCXRCOMDT
Enter the **earliest** date the normal CXR result was communicated to the patient.

NCXRCOM
During the timeframe from (computer display cxrdt to cxrdt + 30 days), was the CXR result communicated to the patient by any of the following methods?
  • My HealtheVet Premium account
  • Letter - does not have to be sent by certified mail.
  • Secure messaging is a confidential message functionality of My HealtheVet similar to email between patient and provider for non-urgent matters
  • Clinical Video Telehealth (CVT) refers to real time clinic based video encounter between the patient and provider.
  • Telephone

1. Yes
2. No

Pg 19

CTSDT — Missing →

Valid Date

MDE ← Missing — CTSVAL — 2 →

1

ADMCTS — 1 → Pg 22

Missing ←

2

ACTSACT — 2, 99 → Pg 21

Missing →

1

Pg 20

CTSDT
Computer to pre-fill the date the CT Scan result was reported.

CTSVAL
For the CT Scan on (computer to display ctsdt) was the result reported as abnormal?
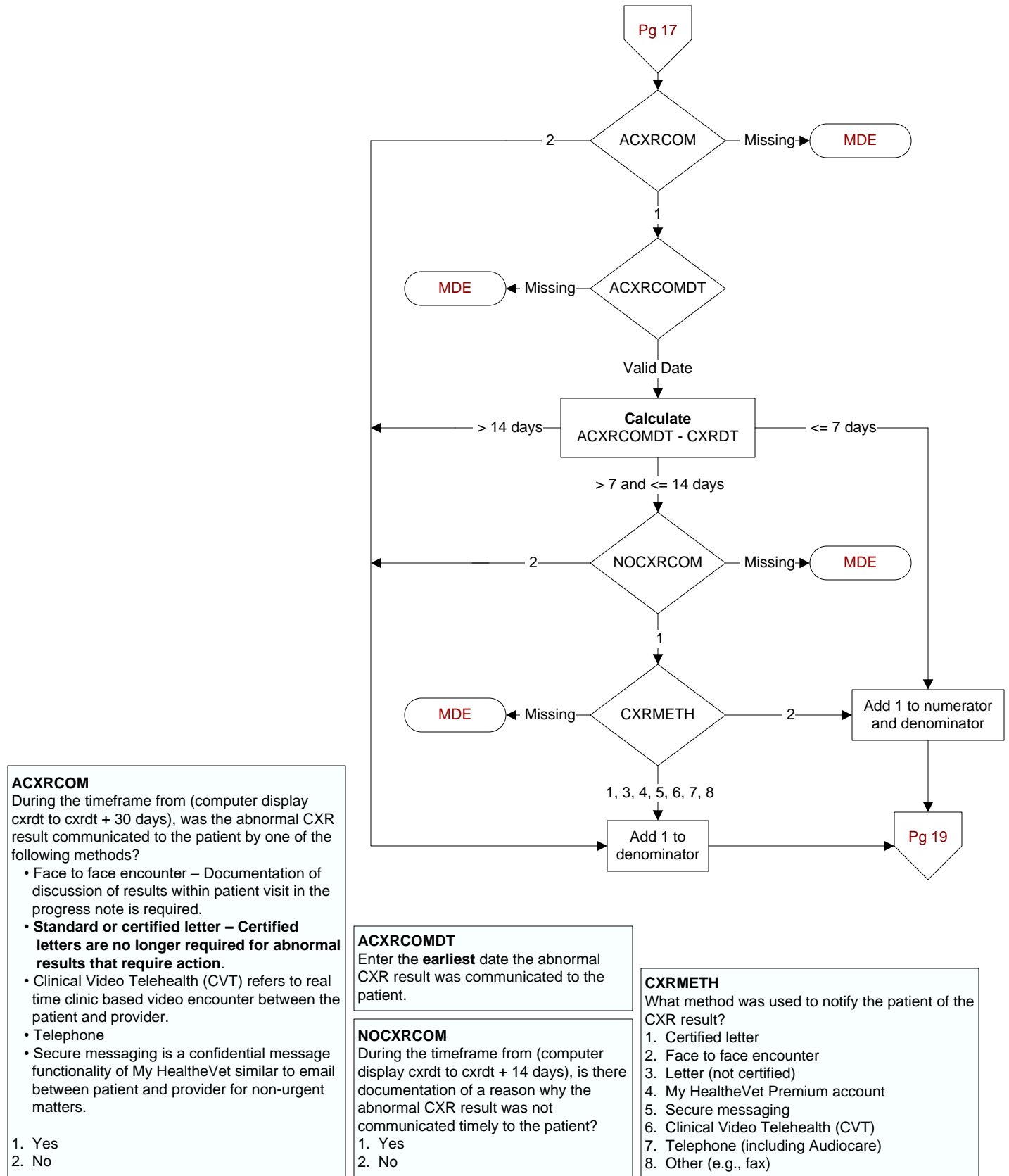1. Yes
2. No

ADMCTS
During the timeframe from (computer display ctsdt to ctsdt +7 days), was the patient admitted to an inpatient setting?
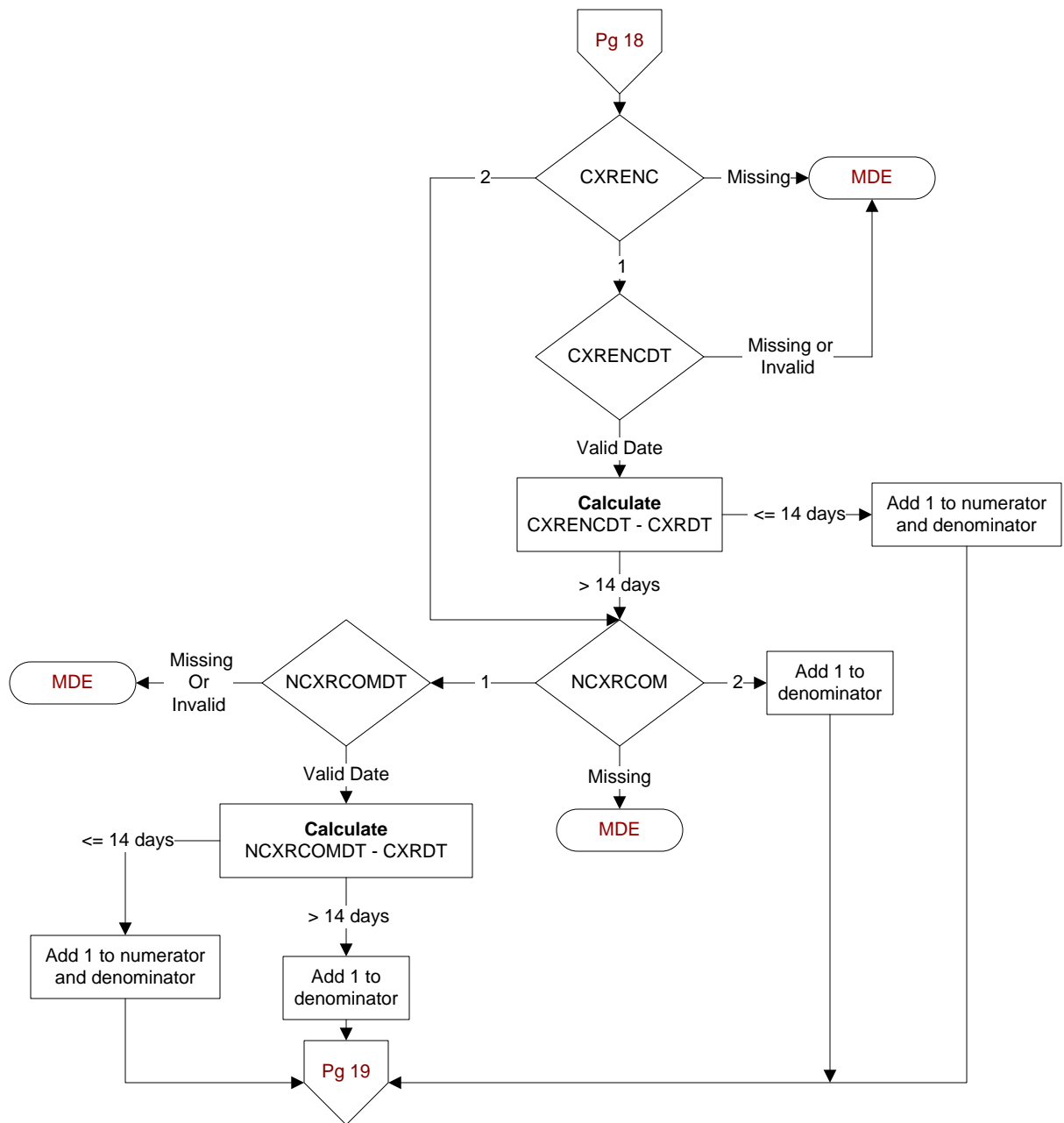1. Yes
2. No

ACTSACT
During the timeframe from (computer display ctsdt to ctsdt + 7 days), did the ordering provider document the abnormal CT Scan result required action or that action was taken?
1. Yes, provider documented test result required action or that action was taken
2. No, provider documented test result did not require action
99. NO documentation that the test result required action or that action was taken

Pg 20

2 ← **ACTSCOM** → Missing → MDE

1

MDE ← Missing ← **ACTSCOMDT**

Valid Date

> 14 days ← **Calculate**
ACTSCOMDT - CTSDT → <= 7 days

> 7 and <= 14 days

2 ← **NOCTSCOM** → Missing → MDE

1

MDE ← Missing ← **CTSMETH** → 2 → Add 1 to numerator and denominator

1, 3, 4, 5, 6, 7, 8

Add 1 to denominator → Pg 22
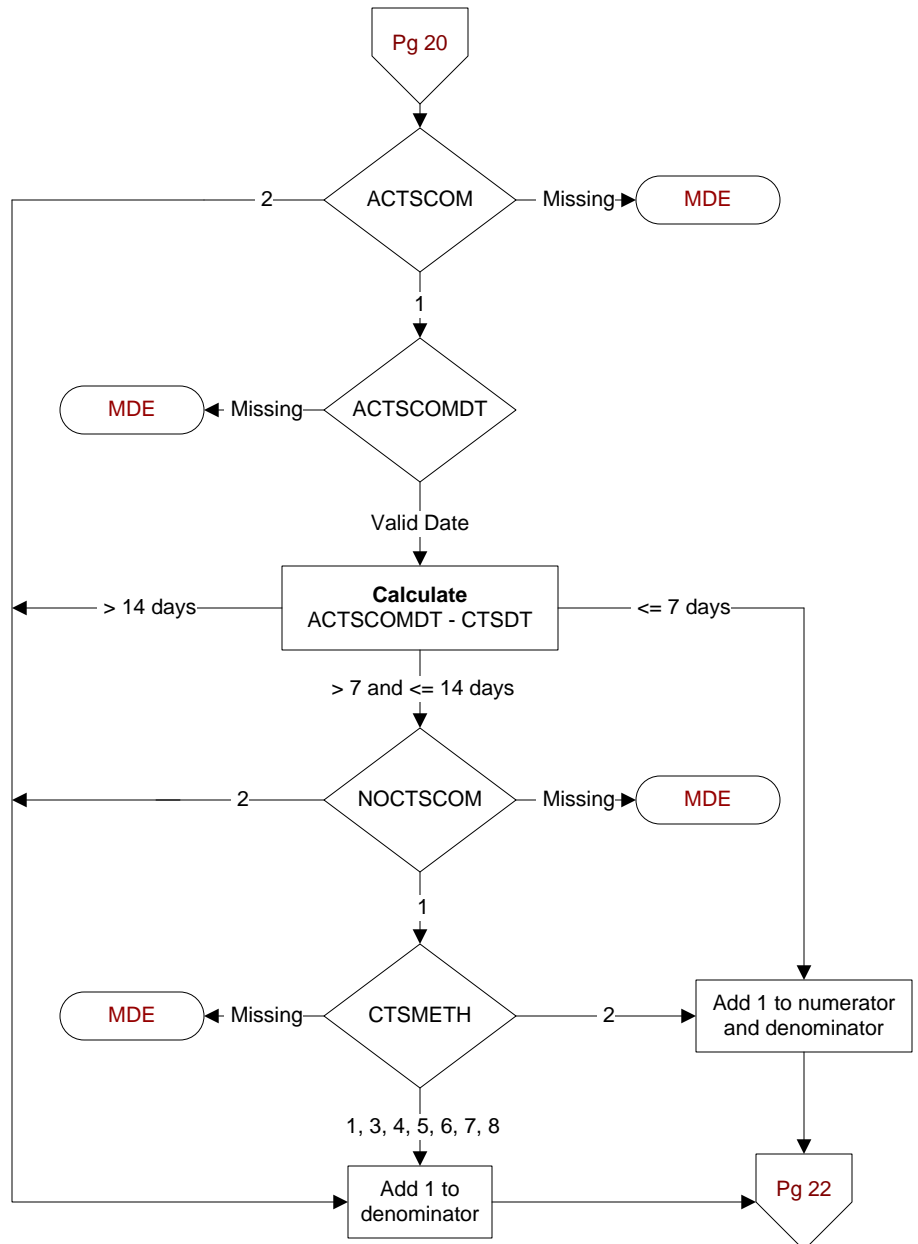
ACTSCOM
During the timeframe from (computer display ctsdt to ctsdt + 30 days), was the abnormal CT Scan result communicated to the patient by one of the following methods?
- Face to face encounter – Documentation of discussion of results within patient visit in the progress note is required.
- **Standard or certified letter – Certified letters are no longer required for abnormal results that require action.**
- Clinical Video Telehealth (CVT) refers to real time clinic based video encounter between the patient and provider.
- Telephone
- Secure messaging is a confidential message functionality of My HealtheVet similar to email between patient and provider for non-urgent matters.
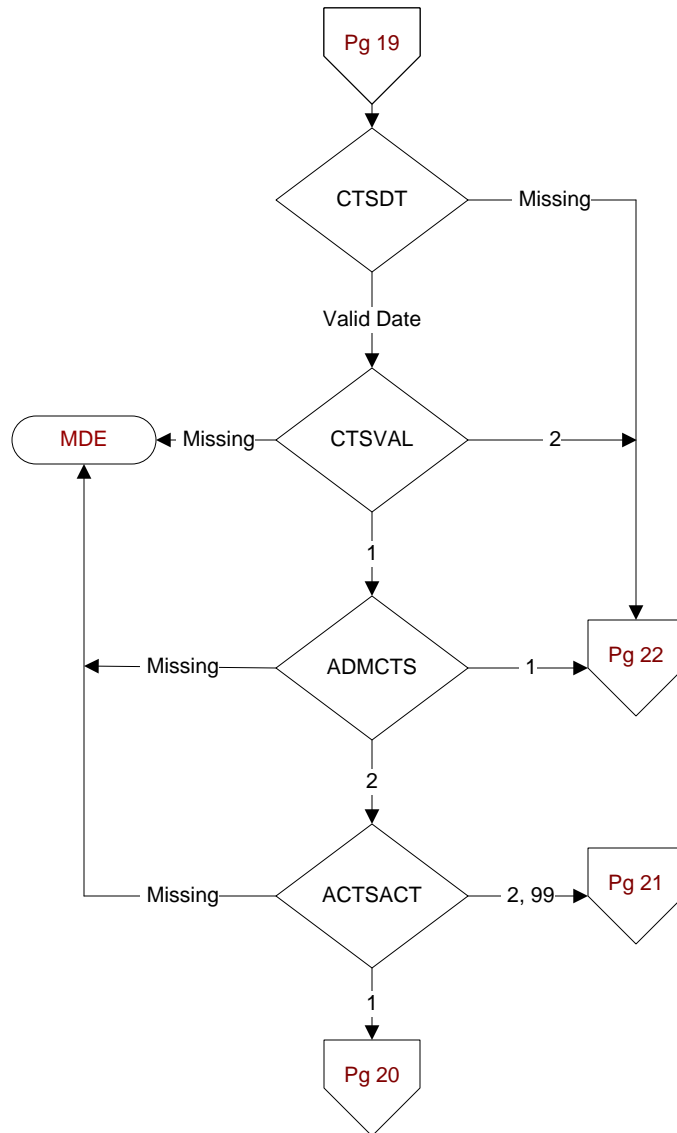
1. Yes
2. No

ACTSCOMDT
Enter the **earliest** date the abnormal CT Scan result was communicated to the patient.

NOCTSCOM
During the timeframe from (computer display ctsdt to ctsdt + 14 days), is there documentation of a reason why the abnormal CT Scan result was not communicated timely to the patient?
1. Yes
2. No

CTSMETH
What method was used to notify the patient of the CT Scan result?
1. Certified letter
2. Face to face encounter
3. Letter (not certified)
4. My HealtheVet Premium account
5. Secure messaging
6. Clinical Video Telehealth (CVT)
7. Telephone (including Audiocare)
8. Other (e.g., fax)

Pg 21

CTSENC

2

Missing → MDE

1

CTSENCDT

Missing or Invalid → MDE

Valid Date

Calculate
CTSENCDT - CTSDT

<= 14 days → Add 1 to numerator and denominator

> 14 days

NCTSCOMDT

Missing Or Invalid → MDE

1 ← NCTSCOM

2 → Add 1 to denominator

Missing

MDE

Valid Date

Calculate
NCTSCOMDT - CTSDT

<= 14 days → Add 1 to numerator and denominator

> 14 days → Add 1 to denominator

Pg 22

CTSENC
During the timeframe from (computer display ctsdt to ctsdt + 30 days), did the patient have a face to face encounter with a physician/APN/PA?
1. Yes
2. No

CTSENCDT
Enter the earliest date of the face to face encounter with a physician/APN/PA.

NCTSCOMDT
Enter the **earliest** date the normal CT Scan result was communicated to the patient.

NCTSCOM
During the timeframe from (computer display ctsdt to ctsdt + 30 days), was the CT Scan result communicated to the patient by any of the following methods?
   • My HealtheVet Premium account
   • Letter - does not have to be sent by certified mail.
   • Secure messaging is a confidential message functionality of My HealtheVet similar to email between patient and provider for non-urgent matters
   • Clinical Video Telehealth (CVT) refers to real time clinic based video encounter between the patient and provider.
   • Telephone

1. Yes
2. No

MDE

Missing

Pg 22

Pg 25 ← 99/99/9999 — PAPRPTDT ← Valid Date — PAPDT

Valid Date

Missing

MDE

PAPVAL — 2 → Pg 25

Missing or Invalid

1

HPVDT ← 1 — HPVTEST — Missing → MDE

Valid Date

2

Set **REPORTDT** = <u>most recent of</u> PAPRPTDT or HPVDT

Set **REPORTDT** = PAPRPTDT

PAPVAL
For the pap test reported on (computer display paprptdt), was the result reported as abnormal (or one of the following)?
 • atypical squamous cells of undetermined significance (ASCUS)
 • atypical squamous cells cannot exclude a high-grade squamous intraepithelial lesion
 • low grade squamous intraepithelial lesions, high grade squamous intraepithelial lesions
 • squamous cell carcinoma
 • atypical glandular cells
 • endocervical adenocarcinoma in situ
 • adenocarcinoma

1. Yes
2. No

Pg 25 ← 1 — ADMPAP — Missing →

2

ADMPAP
During the timeframe from (if hpvtest = 2, computer display paprptdt to paprptdt +7 days OR if hpvtest = 1, hpvdt to hpvdt + 7 days), was the patient admitted to an inpatient setting?
1. Yes
2. No

Pg 24 ← 2, 99 — APAPACT — Missing →

1

Pg 23

PAPDT
Computer to pre-fill the date the Pap test was collected.

HPVTEST
In association with the pap test reported on (computer display paprptdt), was a HPV test result reported?
1. Yes
2. No

PAPRPTDT
Enter the date of the pap test report.

HPVDT
Enter the date the HPV test result was reported.

APAPACT
During the timeframe from (if hpvtest = 1 and hpvdt > paprptdt, computer display hpvdt to hpvdt + 7 days; else paprptdt to paprptdt + 7 days), did the ordering provider document the abnormal Pap result required action or that action was taken?
1. Yes, provider documented test result required action or that action was taken
2. No, provider documented test result did not require action
99. NO documentation that the test result required action or that action was taken

Pg 23

APAPCOM

— 2 → Add 1 to denominator

— Missing →

— 1 →

APAPCOMDT — Missing → MDE

Valid Date

Missing

Calculate
APAPCOMDT - REPORTDT

> 14 days → Add 1 to denominator

> 7 and <= 14 days → NOPAPCOM

NOPAPCOM — 2 → Add 1 to denominator

<= 7 days

1

Add 1 to numerator and denominator ← 2 — PAPMETH — Missing → MDE

1, 3, 4, 5, 6, 7, 8

Add 1 to denominator

Pg 25

APAPCOM
During the timeframe from (if hpvtest = 1 and hpvdt > paprptdt, computer display hpvdt to hpvdt +30 days; else paprptdt to paprptdt + 30 days), was the abnormal Pap result communicated to the patient by one of the following methods?
  • Face to face encounter – Documentation of discussion of results within patient visit in the progress note is required.
  • **Standard or certified letter – Certified letters are no longer required for abnormal results that require action**
  • Clinical Video Telehealth (CVT) refers to real time clinic based video encounter between the patient and provider.
  • Telephone
  • Secure messaging is a confidential message functionality of My HealtheVet similar to email between patient and provider for non-urgent matters.

1. Yes
2. No

APAPCOMDT
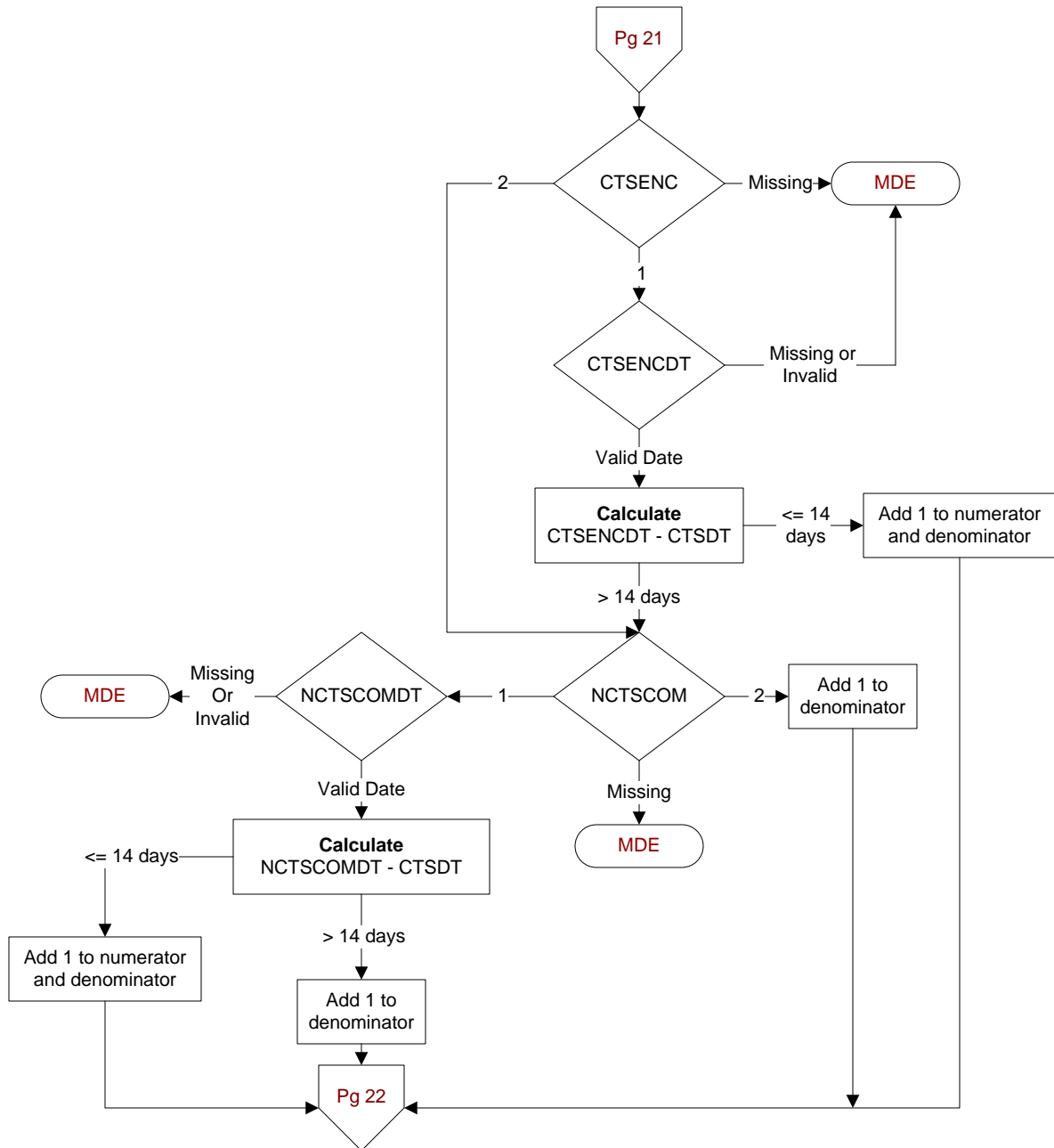Enter the **earliest** date the abnormal Pap result was communicated to the patient.

NOPAPCOM
During the timeframe from (if hpvtest = 1 and hpvdt > paprptdt, computer display hpvdt to hpvdt + 14 days; else paprptdt tp paprptdt + 14 days), is there documentation of a reason why the abnormal Pap result was not communicated timely to the patient?
1. Yes
2. No

PAPMETH
What method was used to notify the patient of the Pap result?
1. Certified letter
2. Face to face encounter
3. Letter (not certified)
4. My HealtheVet Premium account
5. Secure messaging
6. Clinical Video Telehealth (CVT)
7. Telephone (including Audiocare)
8. Other (e.g., fax)

Pg 24

PAPENC
During the timeframe from (if hpvtest = 1 and hpvdt > paprptdt, computer display hpvdt to hpvdt + 30 days; else paprptdt tp paprptdt +30 days), did the patient have a face to face encounter with a physician/APN/PA?
1. Yes
2. No

PAPENCDT
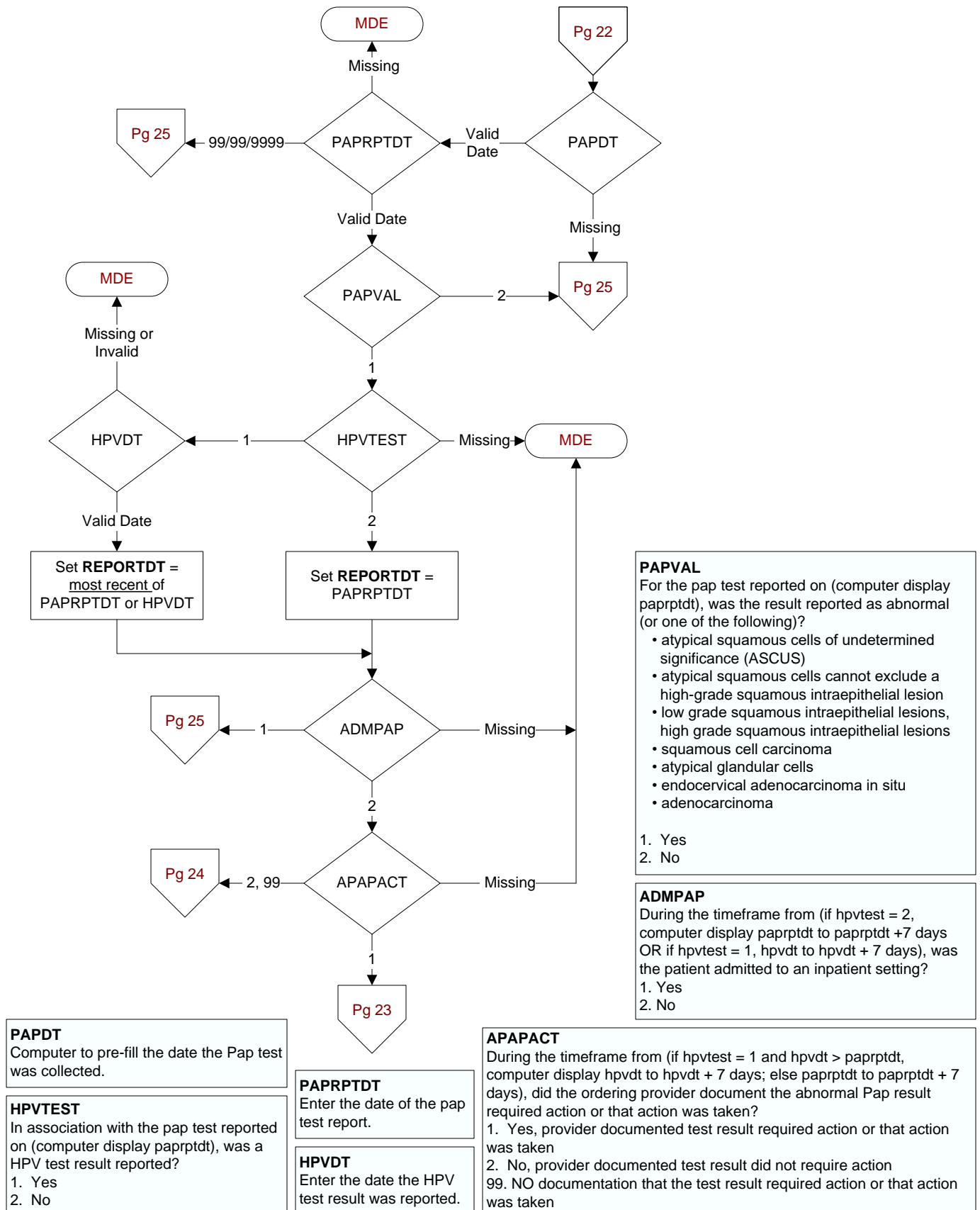Enter the earliest date of the face to face encounter with a physician/APN/PA.

NPAPCOMDT
Enter the **earliest** date the Pap result was communicated to the patient.

NPAPCOM
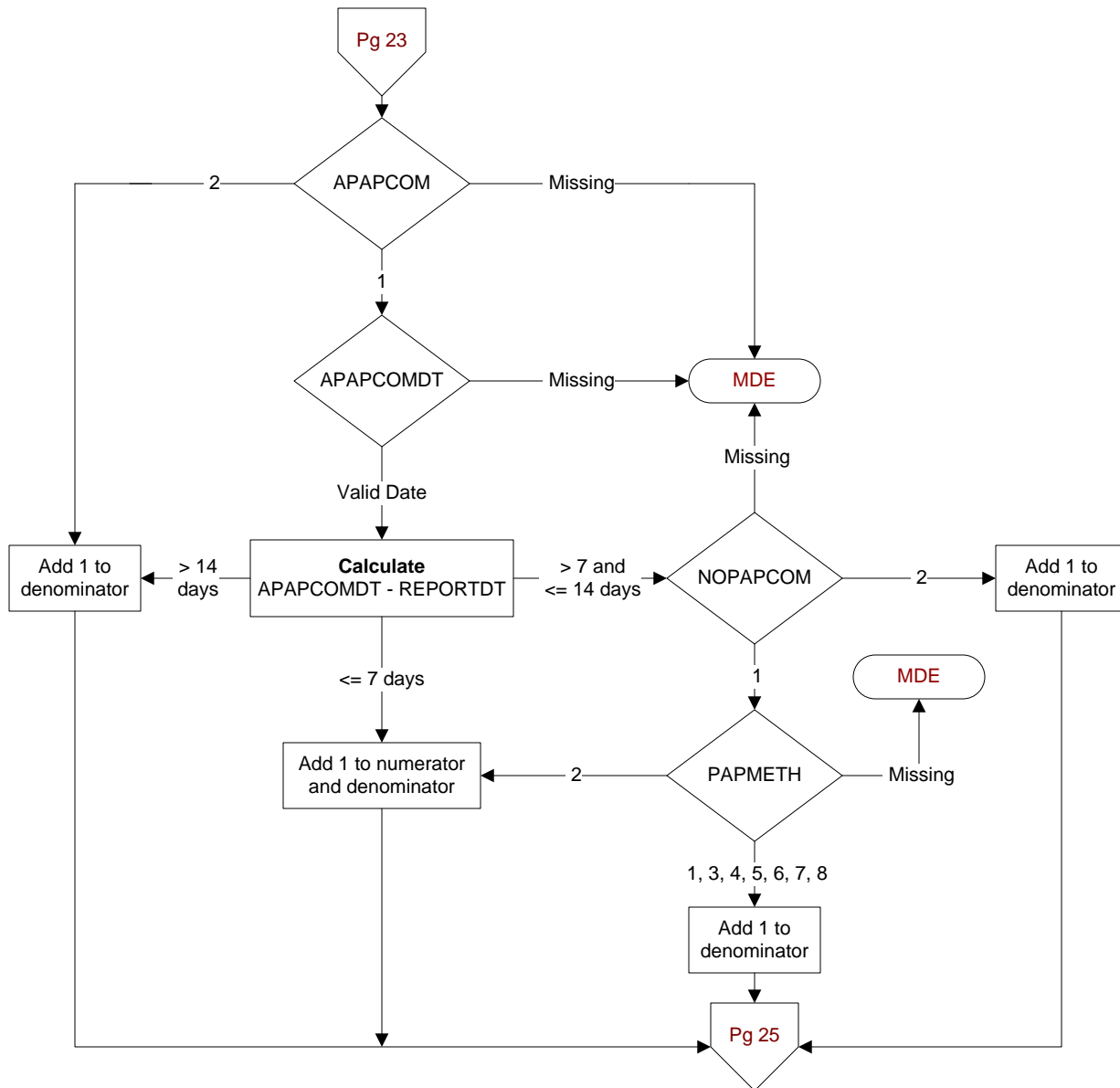During the timeframe from (if hpvtest = 1 and hpvdt > paprptdt, computer display hpvdt to hpvdt + 30 days; else paprptdt to paprptdt + 30 days), was the Pap result communicated to the patient by any of the following methods?
• My HealtheVet Premium account
• Letter - does not have to be sent by certified mail.
• Secure messaging is a confidential message functionality of My HealtheVet similar to email between patient and provider for non-urgent matters
• Clinical Video Telehealth (CVT) refers to real time clinic based video encounter between the patient and provider.
• Telephone

1. Yes
2. No

PAPENC
2
Missing → MDE
1

PAPENCDT → Missing or Invalid → MDE

Valid Date

Calculate
PAPENCDT - REPORTDT
<= 14 days → Add 1 to numerator and denominator → Pg 25

> 14 days

NPAPCOM
Missing → MDE
2 → Add 1 to denominator
1

NPAPCOMDT
Missing or Invalid → MDE

Valid Date

Calculate
NPAPCOMDT - REPORTDT
> 14 days → Add 1 to denominator

<= 14 days

Add 1 to numerator and denominator

Pg 25

HIVDT1
Computer to pre-fill the date the human immunodeficiency virus (HIV) confirmatory test result was reported.

HIVDT2
Enter the date the most recent human immunodeficiency virus (HIV) confirmatory test result was reported during the study period.

VHIVCONF
On (computer to display hivdt1), was a human immunodeficiency virus (HIV) confirmatory test result reported? Examples of HIV confirmatory tests include, but are not limited to:
• Western blot
• Indirect fluorescent antibody (IFA)
• HIV Viral Load
• HIV PCR
• HIV RNA
• HIV NAAT

1. Yes
2. No

Pg 25

HIVDT1 —— Missing ——▶ Pg 28

Valid Date

MDE ◀—— Missing —— VHIVCONF —— 1 ——▶ Set variable DATEHIV = HIVDT1

2

Missing ◀—— HIVDT2 —— Valid Date ——▶ Set variable DATEHIV = HIVDT2

Missing

99/99/9999

HIVSCRDT ◀—— 1 —— HIVSCR —— Missing ——▶ MDE

2

Missing

Valid Date

Pg 28 ◀—— 2 —— HIVRES

2

Set variable DATEHIV = HIVSCRDT ——▶ HIVSCRES —— 1, 3 ——▶

1, 3

HIVRES
What was the result of the confirmatory test for HIV?
1. Positive or reactive
2. Negative or nonreactive
3. Indeterminate

HIVSCRES
What was the result of the screening test for HIV?
1. Positive or reactive
2. Negative or nonreactive
3. Indeterminate

HIVSCR
During the timeframe from (computer to display stdybeg to stdyend), was a screening test for HIV performed?
1. Yes
2. No

Missing

MDE ◀—— Missing —— ADMHIV —— 1 ——▶ Pg 28

2

ADMHIV
During the timeframe from (If vhivconf = 1, computer to display hivdt1 to hcvdt1 + 7 days; if vhivconf = 2 and hivdt2 = 99/99/9999 display hivscrdt to hivscrdt + 7 days; else if vhivconf = 2 display hivdt2 to hivdt2 + 7 days), was the patient admitted to an inpatient setting?
1. Yes
2. No

Pg 26

HIVSCRDT
Enter the date the HIV screening test result was reported.

Pg 26

MDE ← Missing — AHIVACT — 1 → AHIVCOM — Missing → MDE

AHIVACT: 2, 99 → Pg 27

AHIVCOM: 1, 2 →

AHIVCOM — 1 → AHIVCOMDT

AHIVCOM: 2

AHIVCOMDT: Missing → MDE

AHIVCOMDT: Valid Date →

Calculate
AHIVCOMDT - DATEHIV

> 14 days ←

<= 7 days →

> 7 and <= 14 days →

NOHIVCOM — Missing → MDE

NOHIVCOM: 2 →

NOHIVCOM: 1 →

HIVMETH — Missing → MDE

HIVMETH — 2 → Add 1 to numerator and denominator

HIVMETH: 1, 3, 4, 5, 6, 7, 8 → Add 1 to denominator

Add 1 to numerator and denominator → Pg 28

Add 1 to denominator → Pg 28

AHIVACT
During the timeframe from (If vhivconf =1, computer to display hivdt1 to hcvdt1 + 7 days; if vhivconf = 2 and hivdt2 = 99/99/9999 display hivscrdt to hivscrdt + 7 days; else if vhivconf = 2 display hivdt2 to hivdt2 + 7 days), did the ordering provider document the positive/reactive or indeterminate HIV confirmatory or screening test result required action or that action was taken?
1. Yes, provider documented test result required action or that action was taken
2. No, provider documented test result did not require action
99. No documentation that the test result required action or that action was taken

AHIVCOM
During the timeframe from (If vhivconf = 1, computer to display hivdt1 to hcvdt1 + 30 days; if vhivconf = 2 and hivdt2 = 99/99/9999 display hivscrdt to hivscrdt + 30 days; else if vhivconf = 2 display hivdt2 to hivdt2 + 30 days) was the positive/reactive or indeterminate HIV confirmatory or screening test result communicated to the patient by one of the following methods?
 • Face to face encounter – Documentation of discussion of results within patient visit in the progress note is required.
 • **Standard or certified letter – Certified letters are no longer required for abnormal results that require action.**
 • Clinical Video Telehealth (CVT) refers to real time clinic based video encounter between the patient and provider.
 • Telephone
 • Secure messaging is a confidential message functionality of My HealtheVet similar to email between patient and provider for non-urgent matters.

1. Yes
2. No

AHIVCOMDT
Enter the **earliest** date the positive/ reactive or indeterminate HIV result was communicated to the patient.

NOHIVCOM
During the timeframe from (If vhivconf = 1, computer to display hivdt1 to hcvdt1 + 7 days; if vhivconf = 2 and hivdt2 = 99/99/9999 display hivscrdt to hivscrdt + 7 days; else if vhivconf = 2 display hivdt2 to hivdt2 + 7 days) is there documentation of a reason why the positive/reactive or indeterminate HIV confirmatory or screening test result was not communicated timely to the patient?
1. Yes
2. No

HIVMETH
What method was used to notify the patient of the HIV test result?
1. Certified letter
2. Face to face encounter
3. Letter (not certified)
4. My HealtheVet Premium account
5. Secure messaging
6. Clinical Video Telehealth (CVT)
7. Telephone (including Audiocare)
8. Other (e.g., fax)

Pg 27

HIVENC

2 → ...

Missing → MDE

1

HIVENCDT → Missing or Invalid → MDE

Valid Date

Calculate
HiVENCDT - DATEHIV

<= 14 days → Add 1 to numerator and denominator

> 14 days

NHIVCOMDT ← 1 ← NHIVCOM → 2 → Add 1 to denominator → Pg 28

Missing Or Invalid → MDE

Missing → MDE

Valid Date

Add 1 to numerator and denominator ← <= 14 days ← **Calculate** NHIVCOMDT - DATEHIV

> 14 days

Pg 28 ← Add 1 to denominator

HIVENC
During the timeframe from (If vhivconf =1, computer to display hivdt1 to hcvdt1 + 30 days; if vhivconf =2 and hivdt2=99/99/9999 display hivscrdt to hivscrdt + 30 days; else if vhivconf =2 display hivdt2 to hivdt2 + 30 days), did the patient have a face to face encounter with a physician/APN/PA?
1. Yes
2. No

HIVENCDT
Enter the earliest date of the face to face encounter with a physician/APN/PA.

NHIVCOM
During the timeframe from (If vhivconf = 1, computer to display hivdt1 to hcvdt1 + 30 days; if vhivconf = 2 and hivdt2 = 99/99/9999 display hivscrdt to hivscrdt + 30 days; else if vhivconf = 2 display hivdt2 to hivdt2 + 30 days), was the negative/nonreactive HIV confirmatory or screening test result communicated to the patient by any of the following methods?
 • My HealtheVet Premium account
 • Letter - does not have to be sent by certified mail.
 • Secure messaging is a confidential message functionality of My HealtheVet similar to email between patient and provider for non-urgent matters
 • Clinical Video Telehealth (CVT) refers to real time clinic based video encounter between the patient and provider.
 • Telephone

1. Yes
2. No

NHIVCOMDT
Enter the **earliest** date the (negative) HIV confirmatory or screening test result was communicated to the patient.

Pg 28

DENOMINATOR

0 → Excluded

>= 1

Score =
Sum of Numerator /
Sum of Denominator