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

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

FOBTVAL
Computer to prefill the result of the FOBT/FIT reported during the timeframe from (computer to display stdybeg) to (computer to display stdyend).
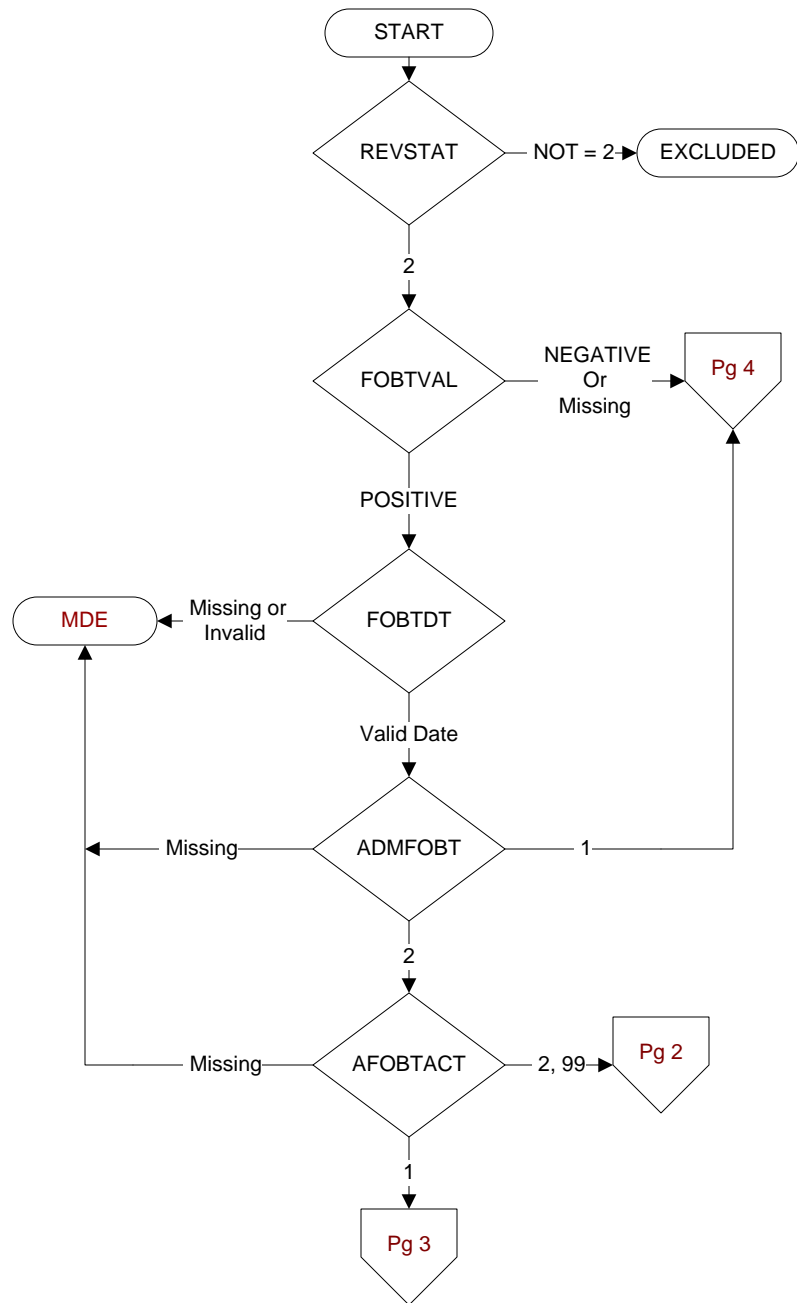
FOBTDT
Computer to prefill the date the FOBT/FIT was reported.

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

MDE = Missing or
Invalid Data Exclusion
(data error)

Flowchart

START → REVSTAT

REVSTAT — NOT = 2 → EXCLUDED

REVSTAT — 2 → FOBTVAL

FOBTVAL — NEGATIVE Or Missing → Pg 4

FOBTVAL — POSITIVE → FOBTDT

FOBTDT — Missing or Invalid → MDE

FOBTDT — Valid Date → ADMFOBT

ADMFOBT — Missing → MDE

ADMFOBT — 1 → Pg 4

ADMFOBT — 2 → AFOBTACT

AFOBTACT — Missing → MDE

AFOBTACT — 2, 99 → Pg 2

AFOBTACT — 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.
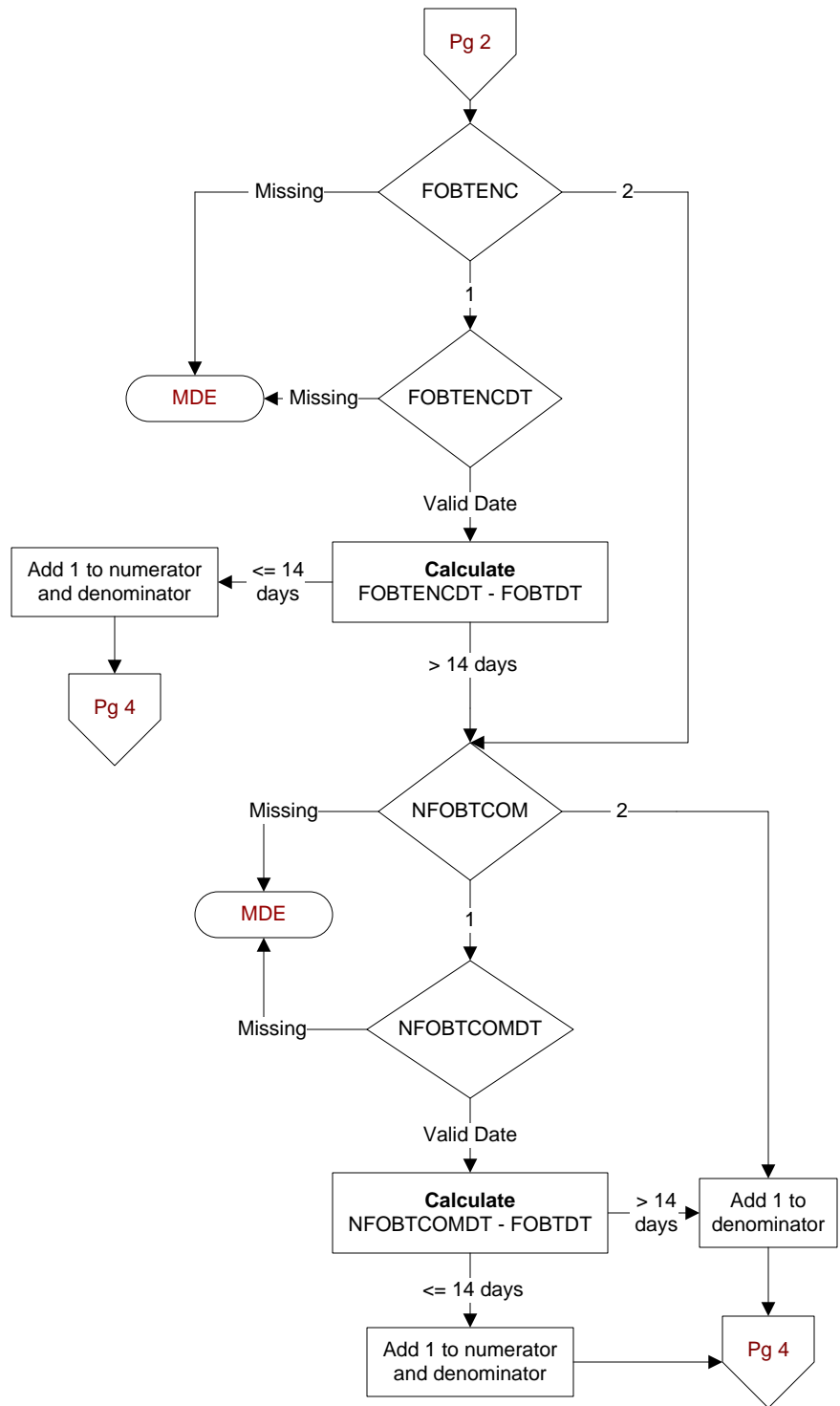
NFOBTCOM
During the timeframe from (computer display fobtdt to fobtdt + 30 days), was the FOBT/FIT result communicated to the patient by any of the following methods?
-- My HealtheVet Premium account
-- Letter - does not have to be sent by certified mail.
-- Secure messaging is a confidential message functionality of My HealtheVet similar to email between patient and provider for non-urgent matters
-- Telehealth 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

2

1

FOBTENCDT

Missing → MDE

Valid Date

Calculate
FOBTENCDT - FOBTDT

<= 14 days → Add 1 to numerator and denominator → Pg 4

> 14 days

NFOBTCOM

Missing → MDE

2

1

NFOBTCOMDT

Missing

Valid Date

Calculate
NFOBTCOMDT - FOBTDT

> 14 days → Add 1 to denominator → Pg 4

<= 14 days → Add 1 to numerator and denominator

Pg 3

2 — **AFOBTCOM** — Missing ▶ MDE

1

MDE ◀ Missing — **AFOBTCOMDT**

Valid Date

> 14 days ◀ **Calculate**
AFOBTCOMDT - FOBTDT — <= 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. Telehealth (clinic based video)
7. Telephone (including Audiocare)
8. Other (e.g., fax)

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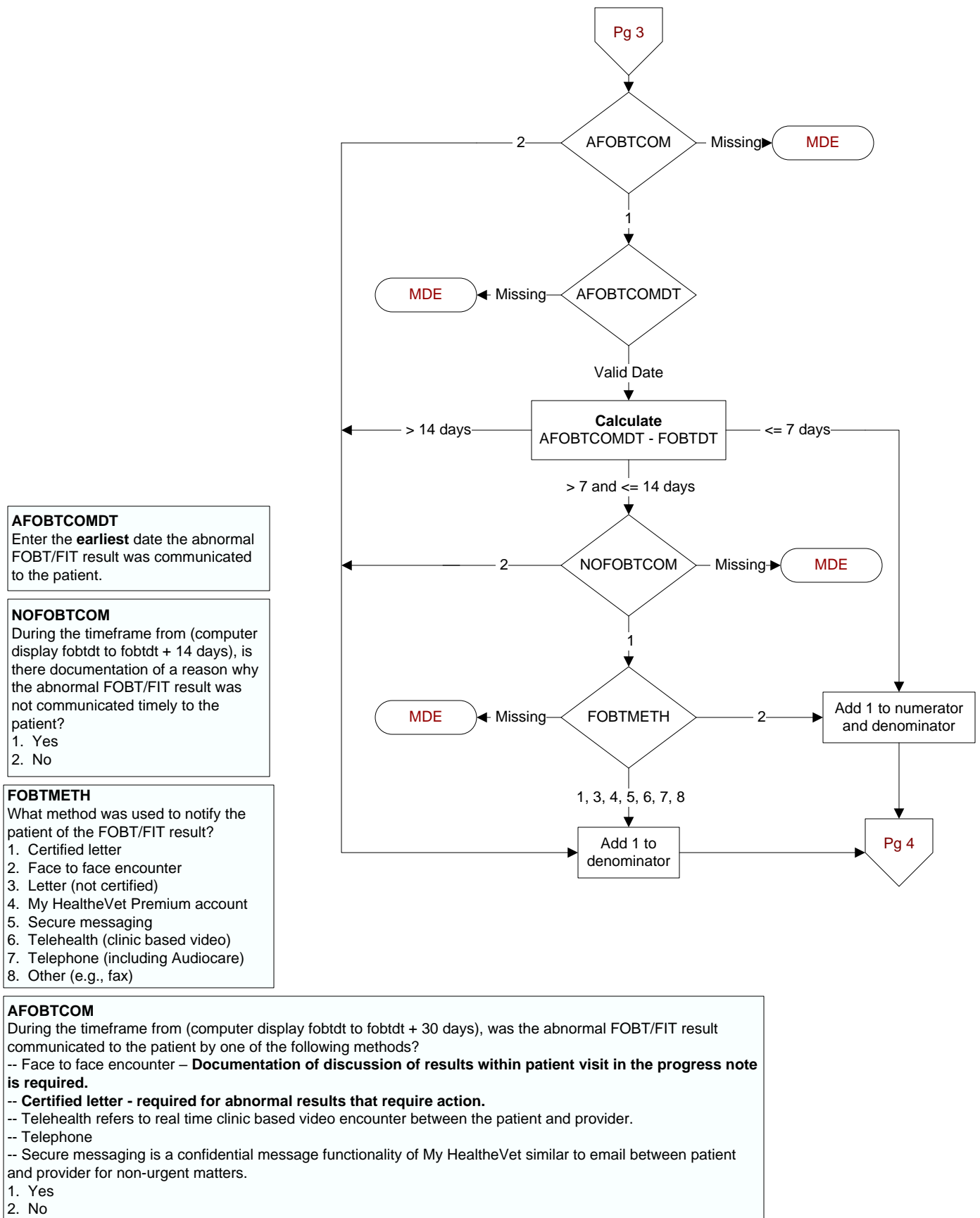-- Face to face encounter – **Documentation of discussion of results within patient visit in the progress note is required.**
-- **Certified letter - required for abnormal results that require action.**
-- Telehealth refers to real time clinic based video encounter between the patient and provider.
--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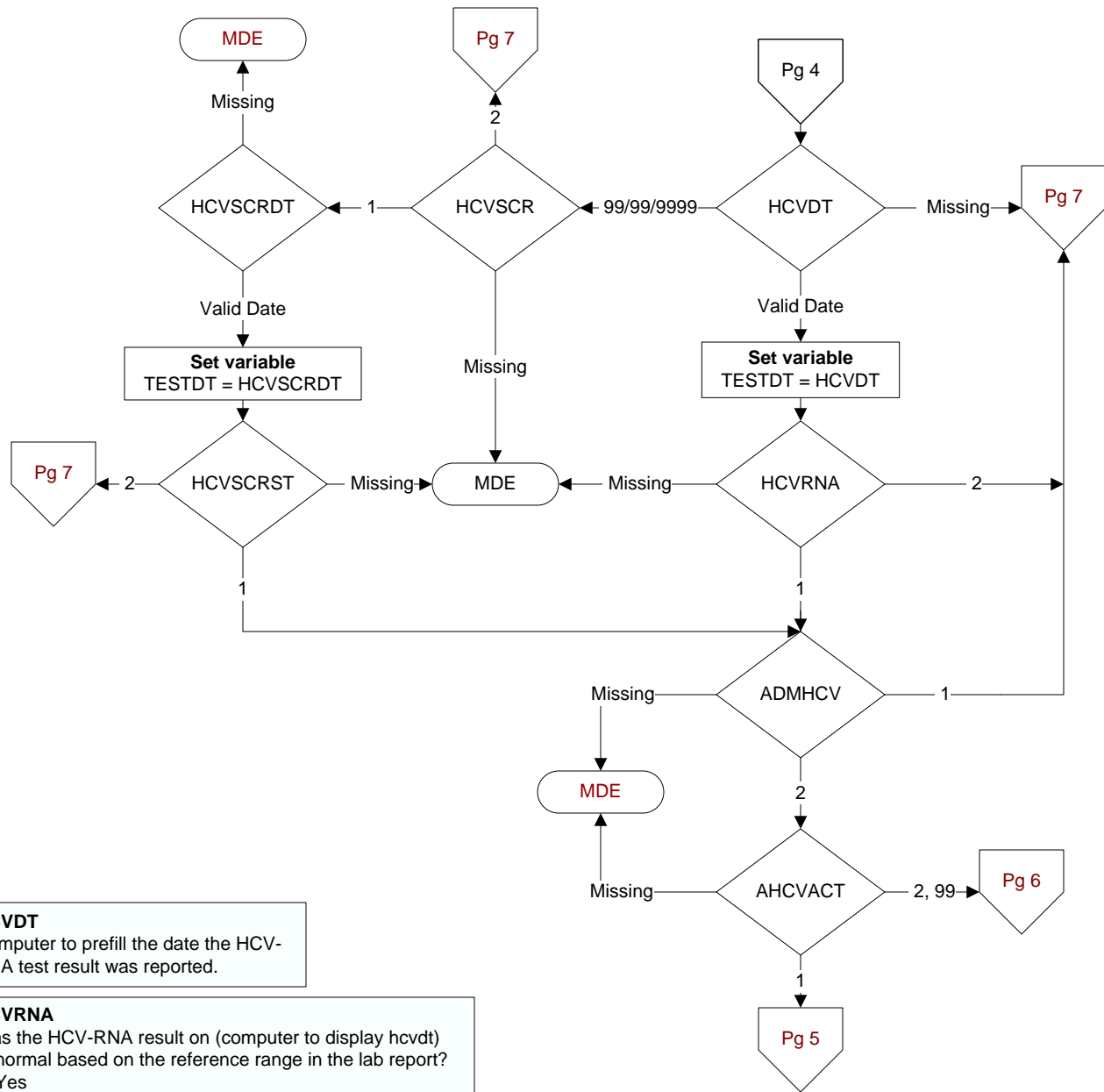-- Secure messaging is a confidential message functionality of My HealtheVet similar to email between patient and provider for non-urgent matters.
1. Yes
2. No

Flowchart

- MDE
- Pg 7
- Pg 4

Missing → MDE

2 (from Pg 7)

HCVSCRDT ←1— HCVSCR ←99/99/9999— HCVDT —Missing→ Pg 7

HCVSCRDT: **Valid Date** ↓

Set variable
TESTDT = HCVSCRDT

HCVSCR: **Missing** ↓

HCVDT: **Valid Date** ↓

Set variable
TESTDT = HCVDT

Pg 7 ←2— HCVSCRST —Missing→ MDE ←Missing— HCVRNA —2→

HCVSCRST: **1** ↓

HCVRNA: **1** ↓

ADMHCV: **Missing** → MDE; **1** → Pg 7

ADMHCV: **2** ↓

AHCVACT: **Missing** → MDE; **2, 99** → Pg 6

AHCVACT: **1** ↓

Pg 5

HCVDT
Computer to prefill the date the HCV-RNA test result was reported.

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

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.

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

ADMHCV
During the timeframe from (If hcvdt = valid, computer display hcvdt to hcvdt +7 days OR if hcvdt = 99/99/9999, computer to display hcvscrdt to hcvscrdt +7 days), was the patient admitted to an inpatient setting?
1. Yes
2. No

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

Pg 5

AHCVCOM

2 → (left)

Missing → MDE

1 ↓

AHCVCOMDT

Missing ← MDE

Valid Date ↓

Calculate
AHCVCOMDT - TESTDT

> 14 days → (left)

<= 7 days → (right)

> 7 and <= 14 days ↓

NOHCVCOM

2 → (left)

Missing → MDE

1 ↓

HCVMETH

Missing → MDE

2 → Add 1 to numerator and denominator

1, 3, 4, 5, 6, 7, 8 ↓

Add 1 to denominator

Pg 7

AHIVCOM
During the timeframe from (if hivdt = valid, computer to display hivdt to hivdt +30 days OR if hivdt= 99/99/9999, display hivscrdt to hivscrdt + 30 days), was the (positive?) 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.**
-- **Certified letter - required for abnormal results that require action.**
-- Telehealth 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
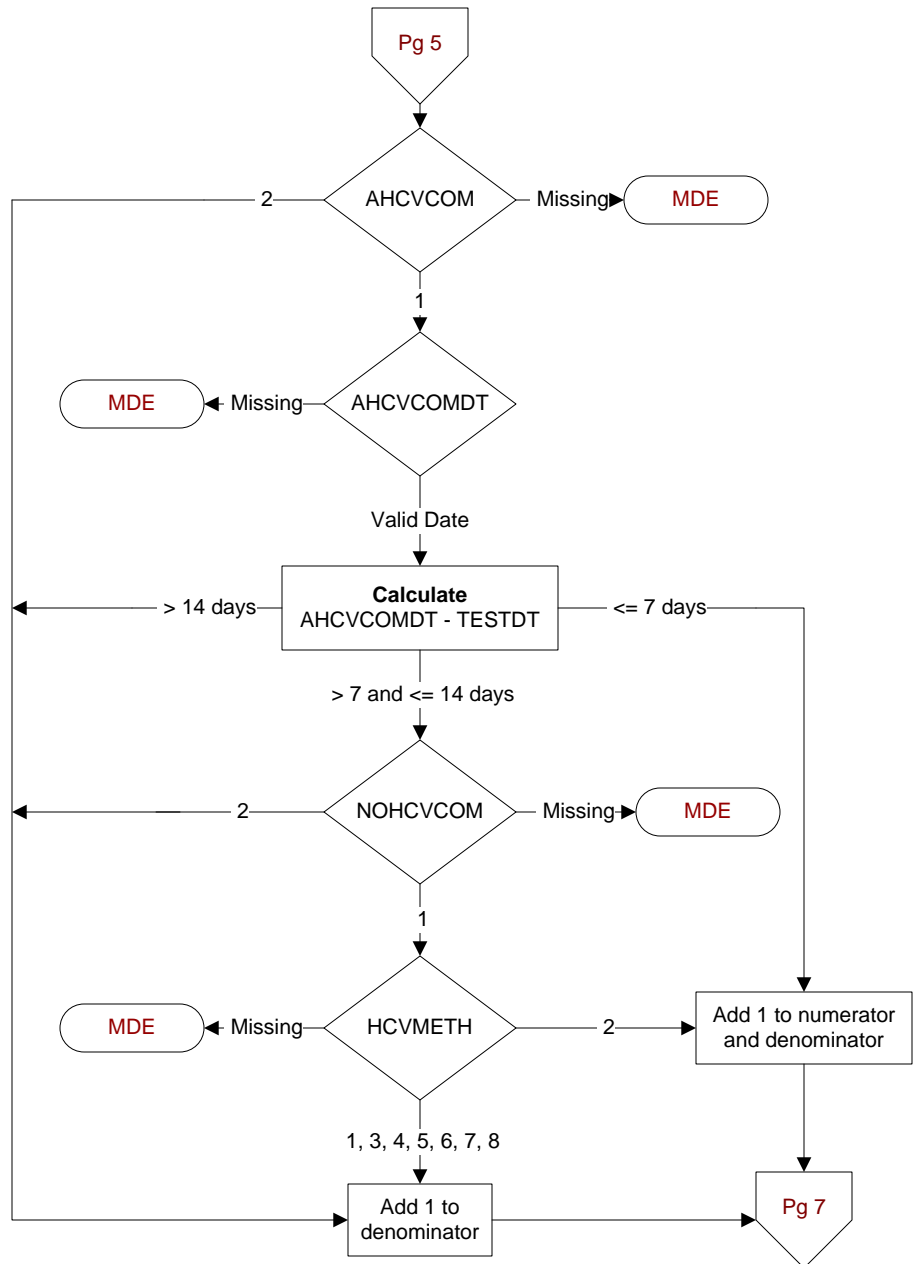Enter the earliest date the (positive?) HIV result was communicated to the patient.

NOHCVCOM
During the timeframe from (If hcvdt = valid, computer display hcvdt to hcvdt + 14 days OR if hcvdt = 99/99/9999, computer display hcvscrdt to hcvscrdt + 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?
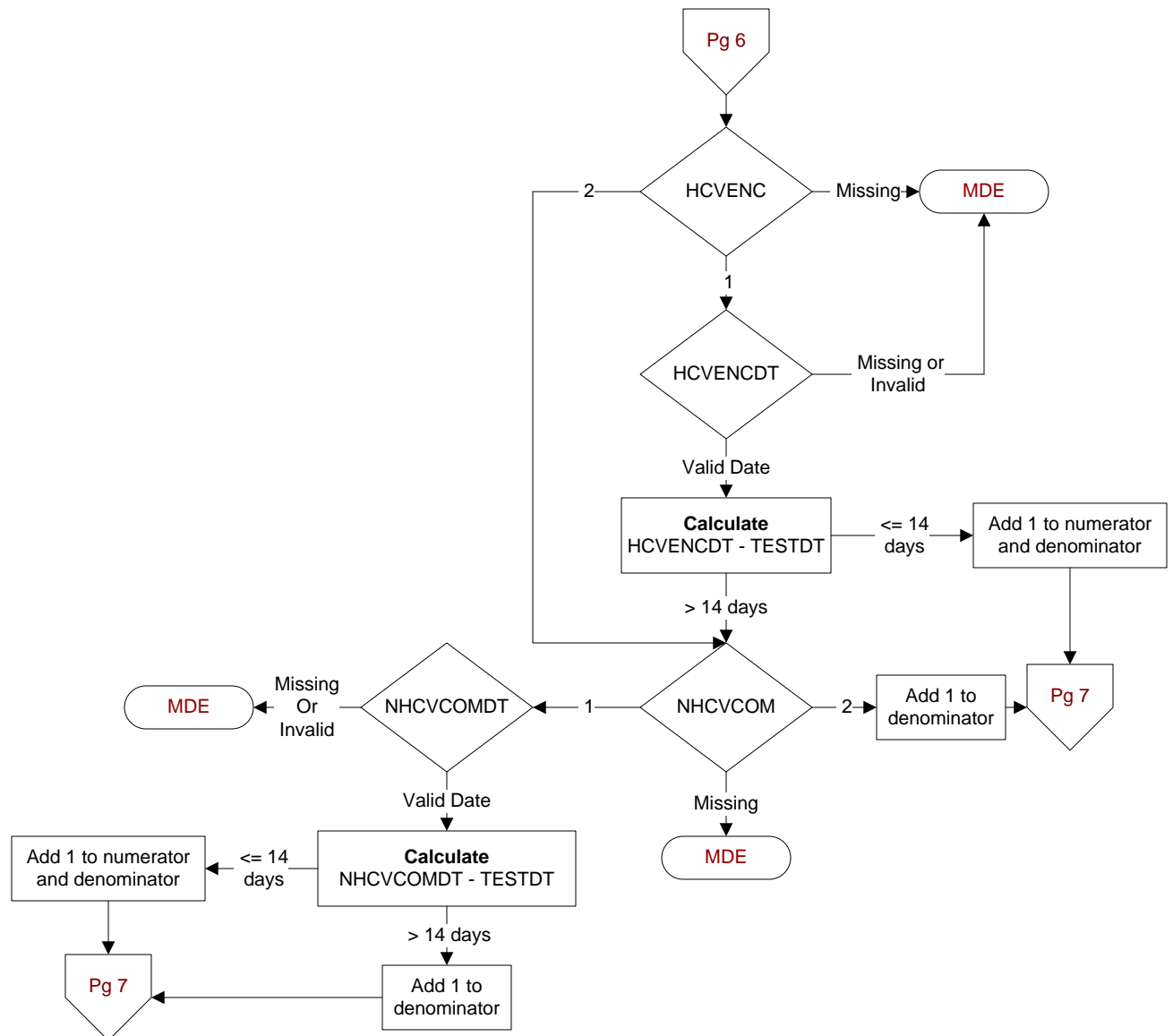1. Yes
2. No

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. Telehealth (clinic based video)
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

Missing Or Invalid → MDE

2 → Add 1 to denominator → Pg 7

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 hcvdt = valid, computer display hcvdt to hcvdt + 30 days OR if hcvdt = 99/99/9999, computer display hcvscrdt to hcvscrdt + 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.
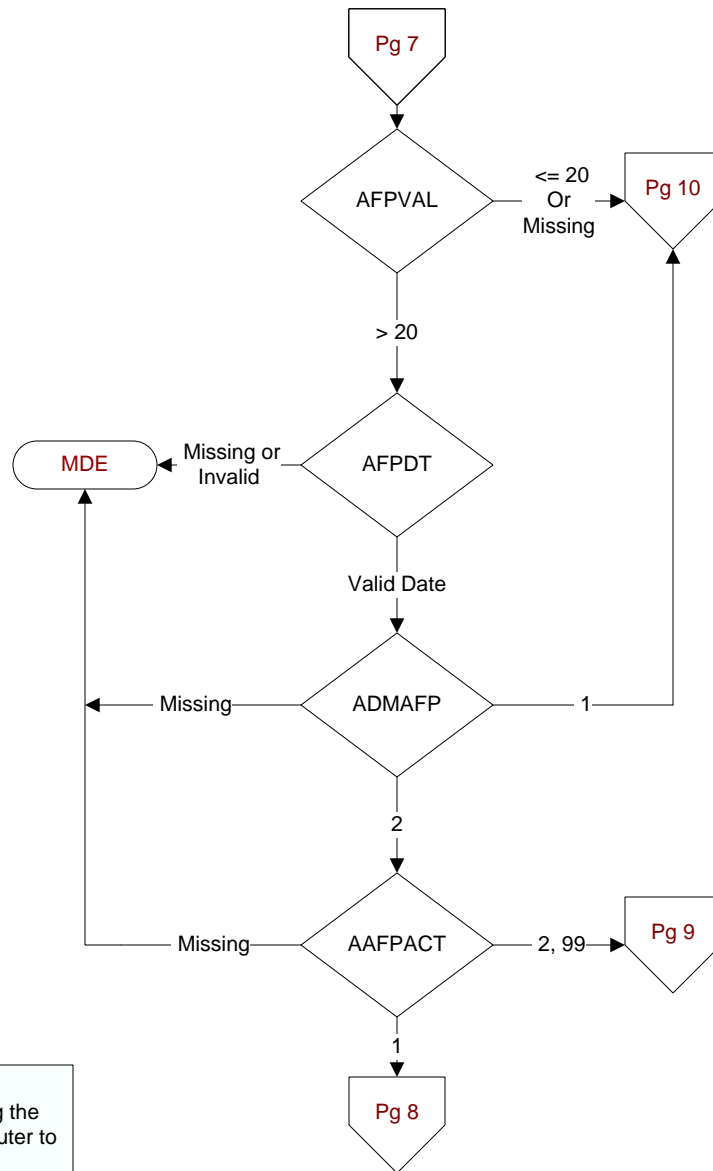
NHCVCOMDT
Enter the earliest date the HCV-RNA or HCV screening test result was communicated to the patient.

NHCVCOM
During the timeframe from (If hcvdt = valid, computer display hcvdt to hcvdt + 30 days OR if hcvdt = 99/99/9999, computer display hcvscrdt to hcvscrdt + 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
-- Telehealth 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        │ Pg 10  │
                                         │            Missing     └────────┘
                                       > 20                            │
                                         ▼                             │
                    Missing or        ◇ AFPDT ◇                        │
         ( MDE ) ◀── Invalid                                           │
                                     Valid Date                        │
                                         ▼                             │
         ◀──────── Missing ──────── ◇ ADMAFP ◇ ──── 1 ────────────────┘
                                         │
                                         2
                                         ▼
         ◀──────── Missing ──────── ◇ AAFPACT ◇ ──── 2, 99 ──▶ ┌────────┐
                                         │                      │ Pg 9   │
                                         1                      └────────┘
                                         ▼
                                    ┌────────┐
                                    │ Pg 8   │
                                    └────────┘
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AFPVAL
Computer to prefill the result of the AFP reported during the timeframe from (computer to display stdybeg) to (computer to display stdyend).

AFPDT
Computer to prefill 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?
1. Yes, provider documented test result required action
2. No, provider documented test result did not require action
99. NO documentation that the test result required action

Pg 8

AAFPCOM — 2 →

AAFPCOM — Missing → MDE

1

AAFPCOMDT — Missing → MDE

Valid Date

Calculate
AAFPCOMDT - AFPDT

> 14 days →

<= 7 days →

> 7 and <= 14 days

NOAFPCOM — 2 →

NOAFPCOM — Missing → MDE

1

AFPMETH — Missing → MDE

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.**
-- **Certified letter - required for abnormal results that require action.**
-- Telehealth 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.
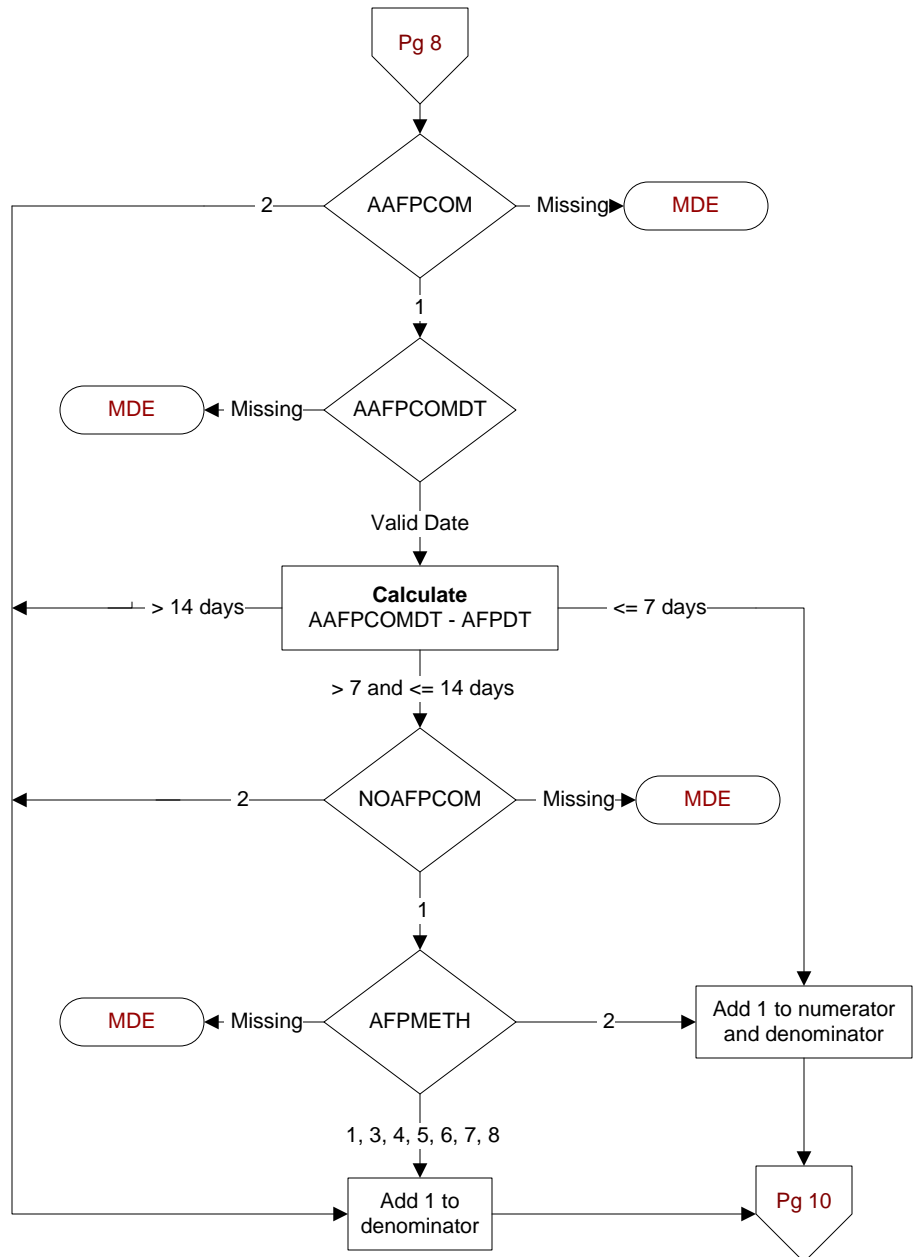
NOAFPCOM
During the timeframe from (computer display afpdt to afpdt + 14 days), is there documentation of a reason why the abnormal AFP result was not communicated timely to the patient?
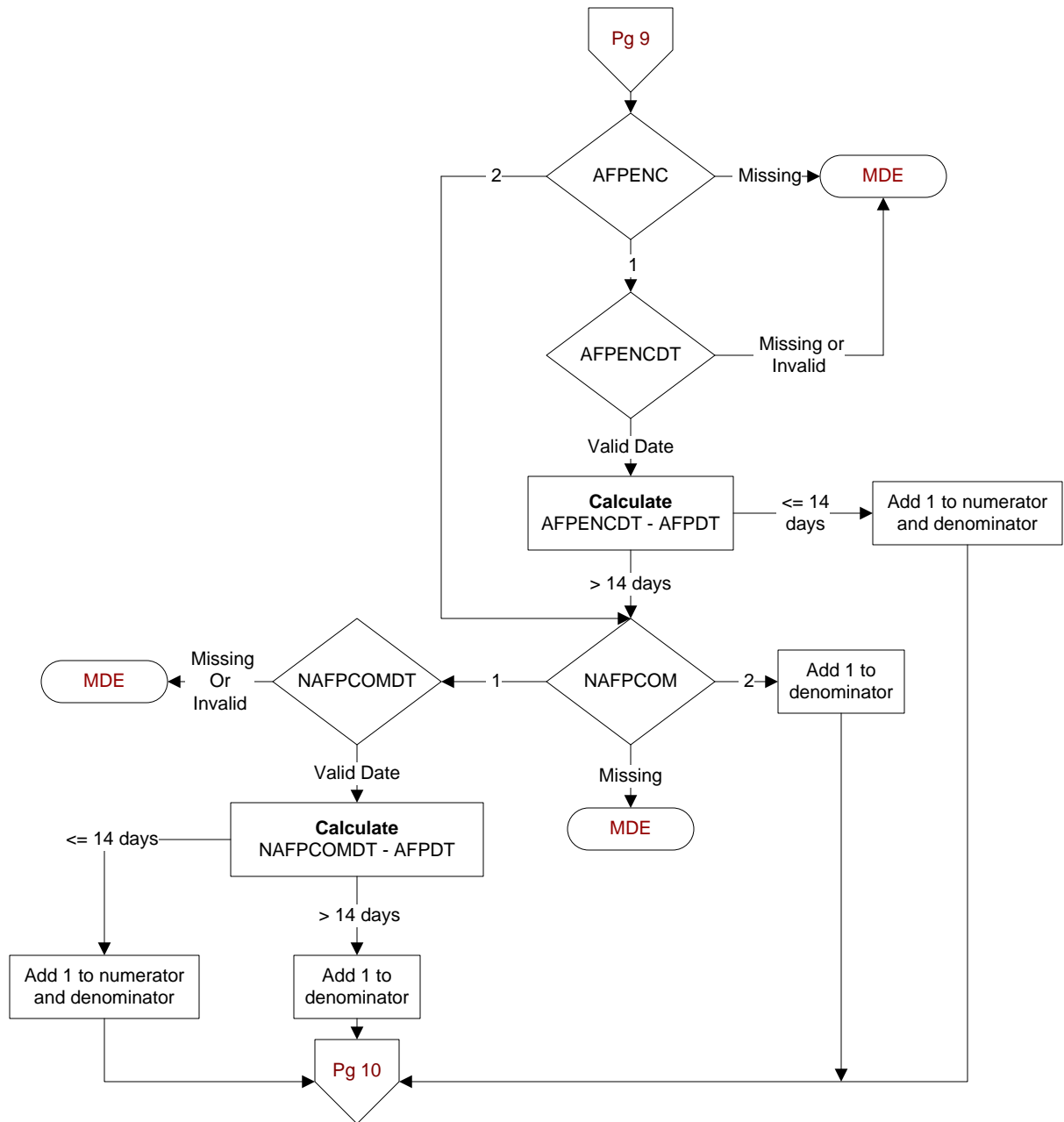1. Yes
2. No

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. Telehealth (clinic based video)
7. Telephone (including Audiocare)
8. Other (e.g., fax)

Pg 9

AFPENC

2

Missing → MDE

1

AFPENCDT

Missing or Invalid → MDE

Valid Date

Calculate AFPENCDT - AFPDT

<= 14 days → Add 1 to numerator and denominator

> 14 days

NAFPCOMDT ← 1 ← NAFPCOM

Missing Or Invalid → MDE

NAFPCOM → 2 → Add 1 to denominator

Missing → MDE

Valid Date

Calculate NAFPCOMDT - AFPDT

<= 14 days → Add 1 to numerator and denominator

> 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.
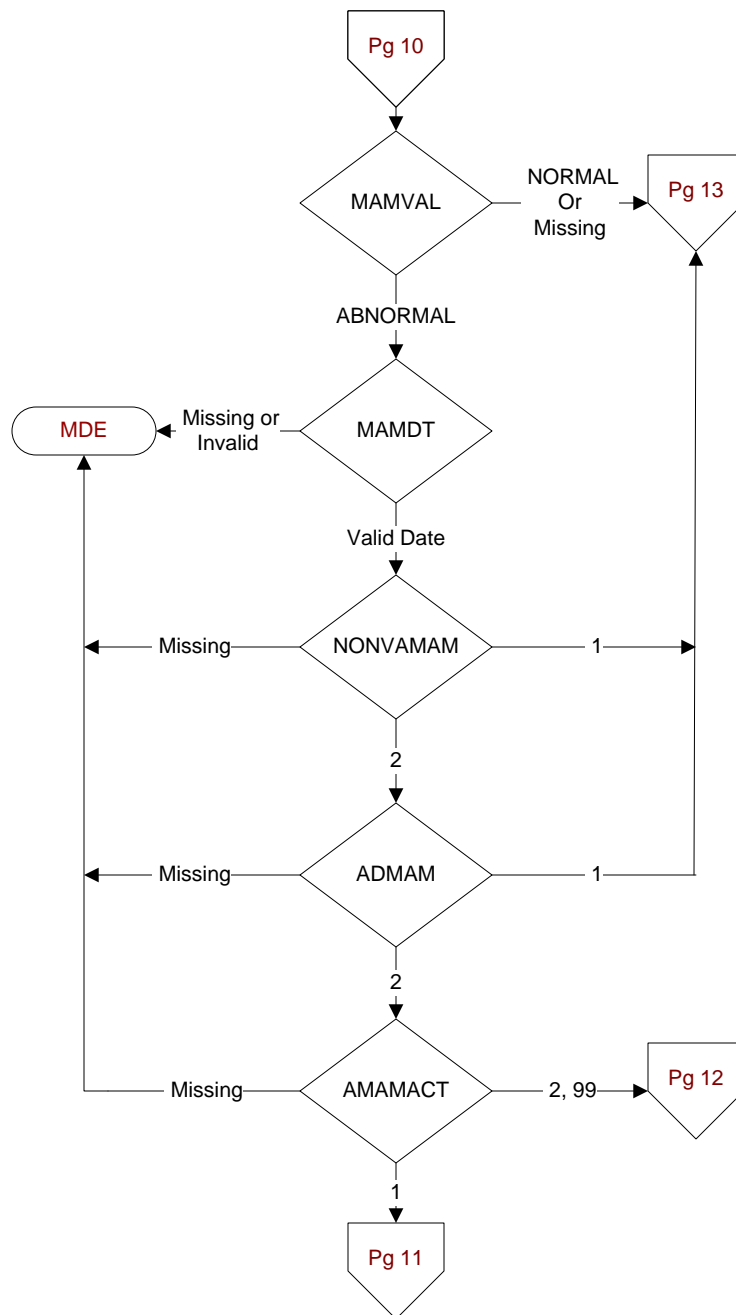
NAFPCOMDT
Enter the **earliest** date the normal AFP result was communicated to the patient.

NAFPCOM
During the timeframe from (computer display afpdt to afpdt + 30 days), was the normal 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
-- Telehealth 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

MAMDT — Missing or Invalid → MDE

Valid Date

NONVAMAM — Missing → (MDE); — 1 →

2

ADMAM — Missing → (MDE); — 1 →

2

AMAMACT — Missing → (MDE); — 2, 99 → Pg 12

1

Pg 11

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

MAMDT
Computer to prefill 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?
1. Yes, provider documented test result required action
2. No, provider documented test result did not require action
99. NO documentation that the test result required action

Pg 11

AMAMCOM — 2 →

AMAMCOM — Missing → MDE

1 ↓

MDE ← Missing — AMAMCOMDT

Valid Date ↓

Calculate
AMAMCOMDT - MAMDT

> 14 days →

<= 7 days →

> 7 and <= 14 days ↓

NOMAMCOM — 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
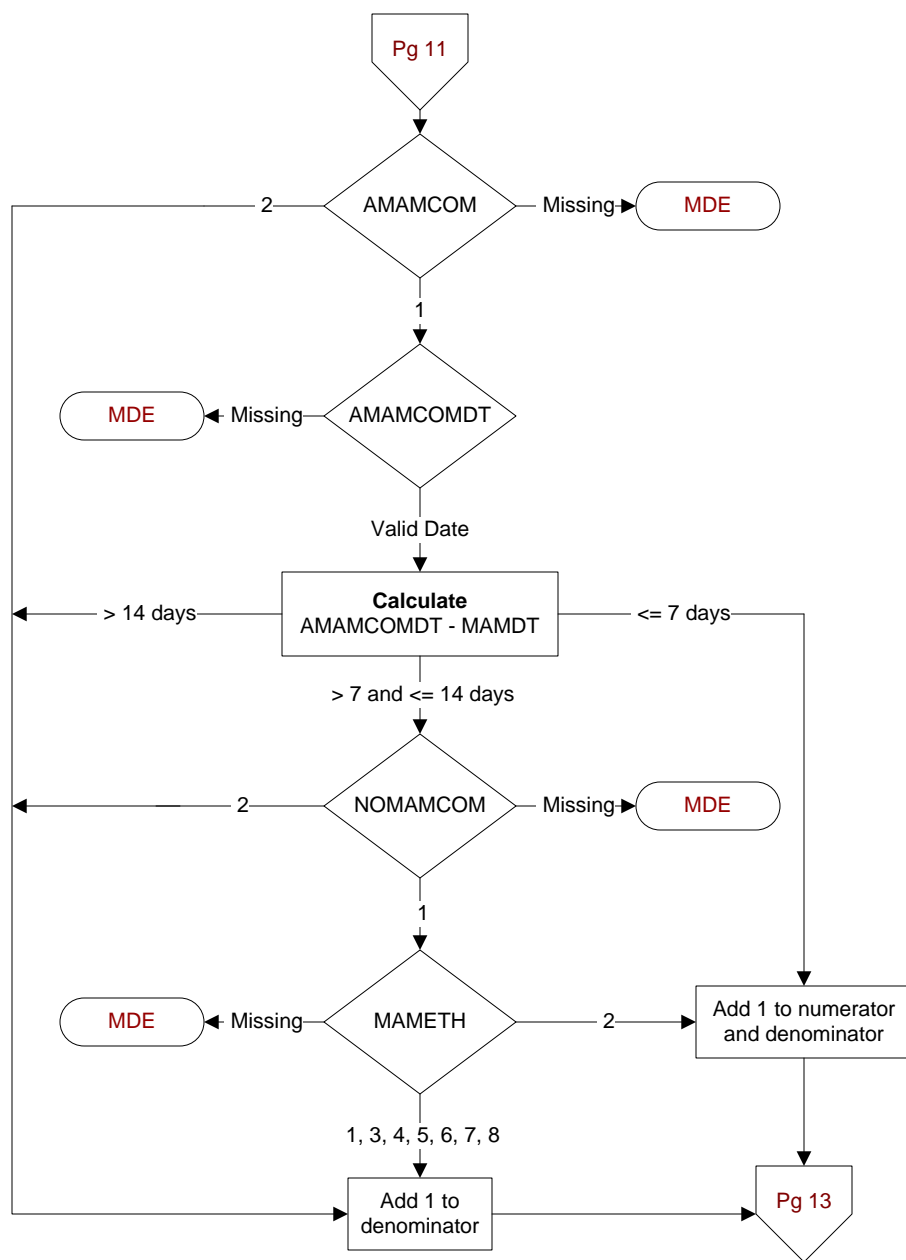
AMAMCOM
During the timeframe from (computer display mamdt to mamdt + 30 days), was the abnormal mammogram result communicated to the patient by one of the following methods?
-- Face to face encounter – **Documentation of discussion of results within patient visit in the progress note is required.**
-- **Certified letter - required for abnormal results that require action.**
-- Telehealth 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. Telehealth (clinic based video)
7. Telephone (including Audiocare)
8. Other (e.g., fax)

Pg 12

MAMENC

2

Missing → MDE

1

MAMENCDT

Missing or Invalid

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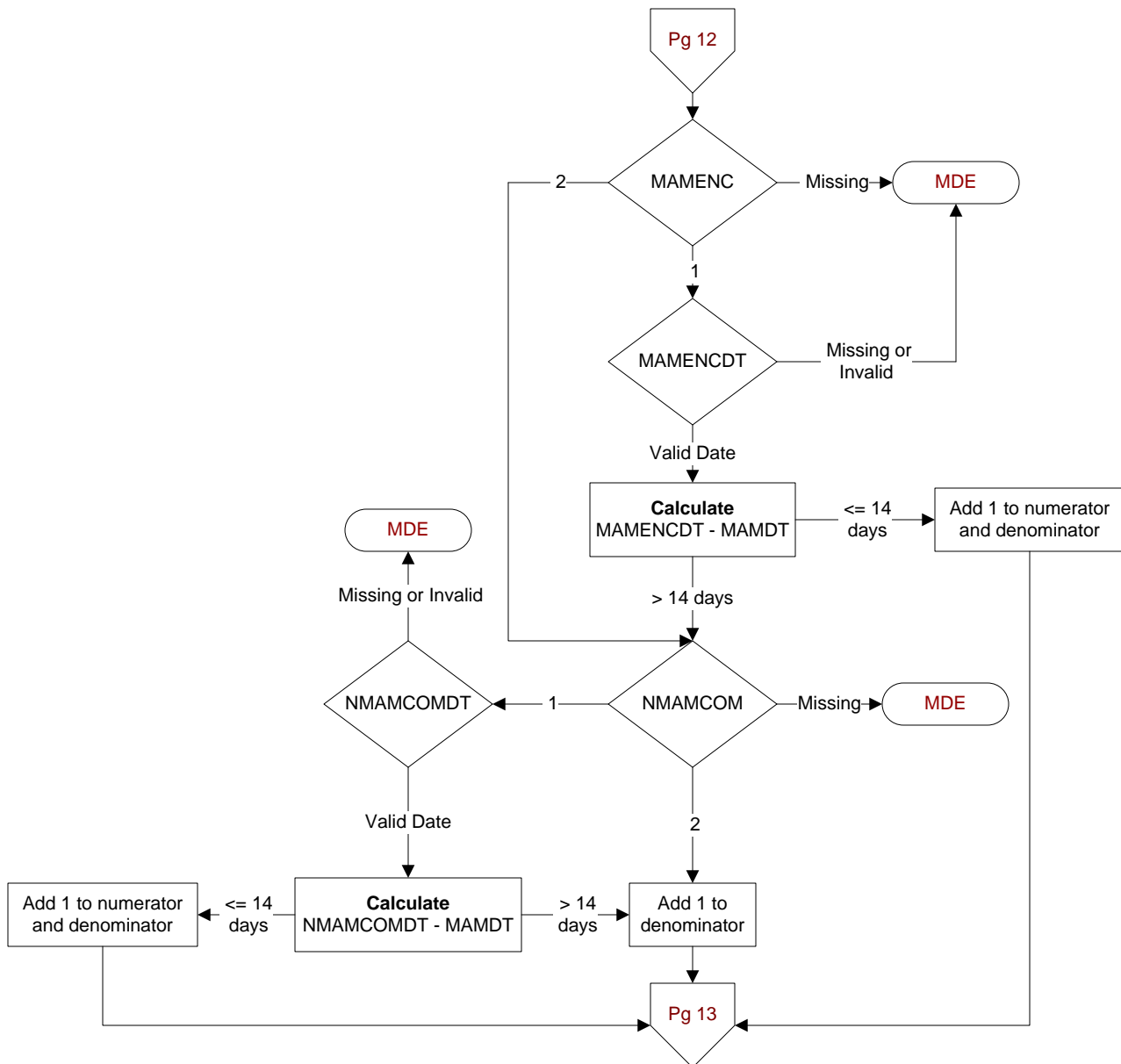Enter the earliest date the normal mammogram result was communicated to the patient.

NMAMCOM
During the timeframe from (computer display mamdt to mamdt + 30 days), was the normal 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
-- Telehealth 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

ADMDEX — 1 ►► Pg 16

◄— Missing —

2

◄— Missing — ADEXACT —— 2, 99 ►► Pg 15

1

Pg 14

DEXDT
Computer to prefill 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?
1. Yes, provider documented test result required action
2. No, provider documented test result did not require action
99. NO documentation that the test result required action

Pg 14

ADEXCOM — 2 → (left) — Missing → MDE

1

ADEXCOMDT — Missing → MDE

Valid Date

Calculate ADEXCOMDT - DEXDT
- > 14 days → (left)
- <= 7 days → (right)
- > 7 and <= 14 days

NODEXCOM — 2 → (left) — Missing → MDE

1

DEXMETH — Missing → MDE — 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.**
-- **Certified letter - required for abnormal results that require action.**
-- Telehealth 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.
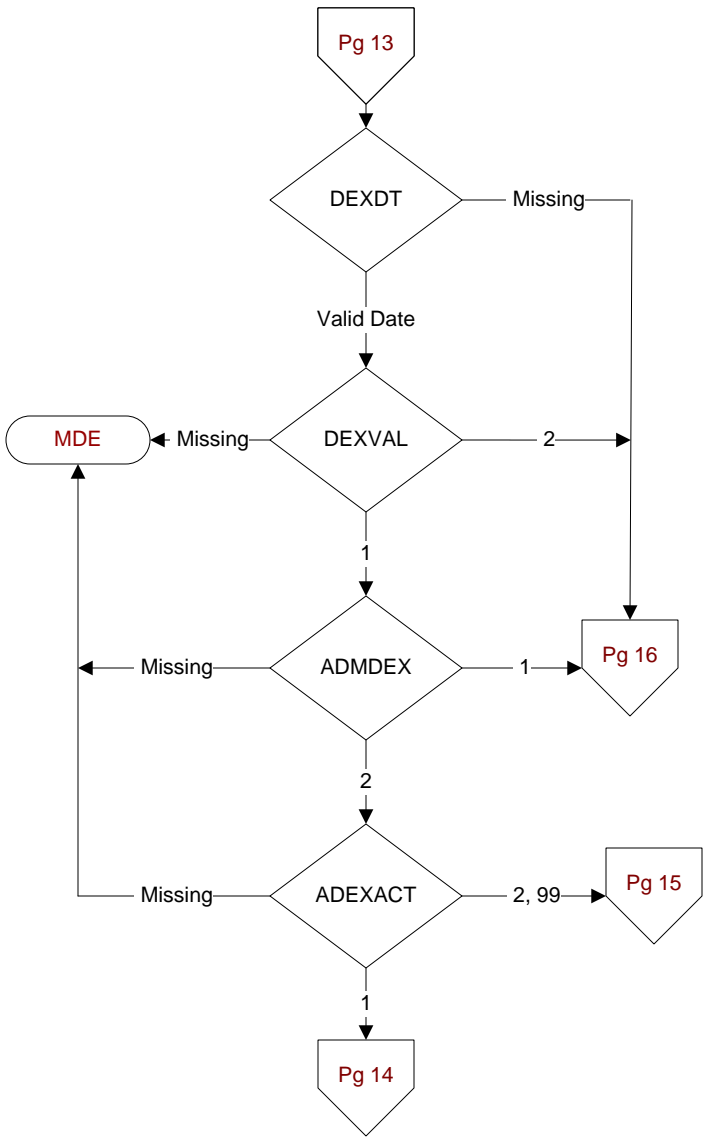
1. Yes
2. No

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. Telehealth (clinic based video)
7. Telephone (including Audiocare)
8. Other (e.g., fax)

Pg 15

DEXENC
— 2
— Missing → MDE

1

DEXENCDT — Missing or Invalid → MDE

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

Calculate
NDEXCOMDT - DEXDT

MDE

<= 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 normal 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
-- Telehealth refers to real time clinic based video encounter between the patient and provider.
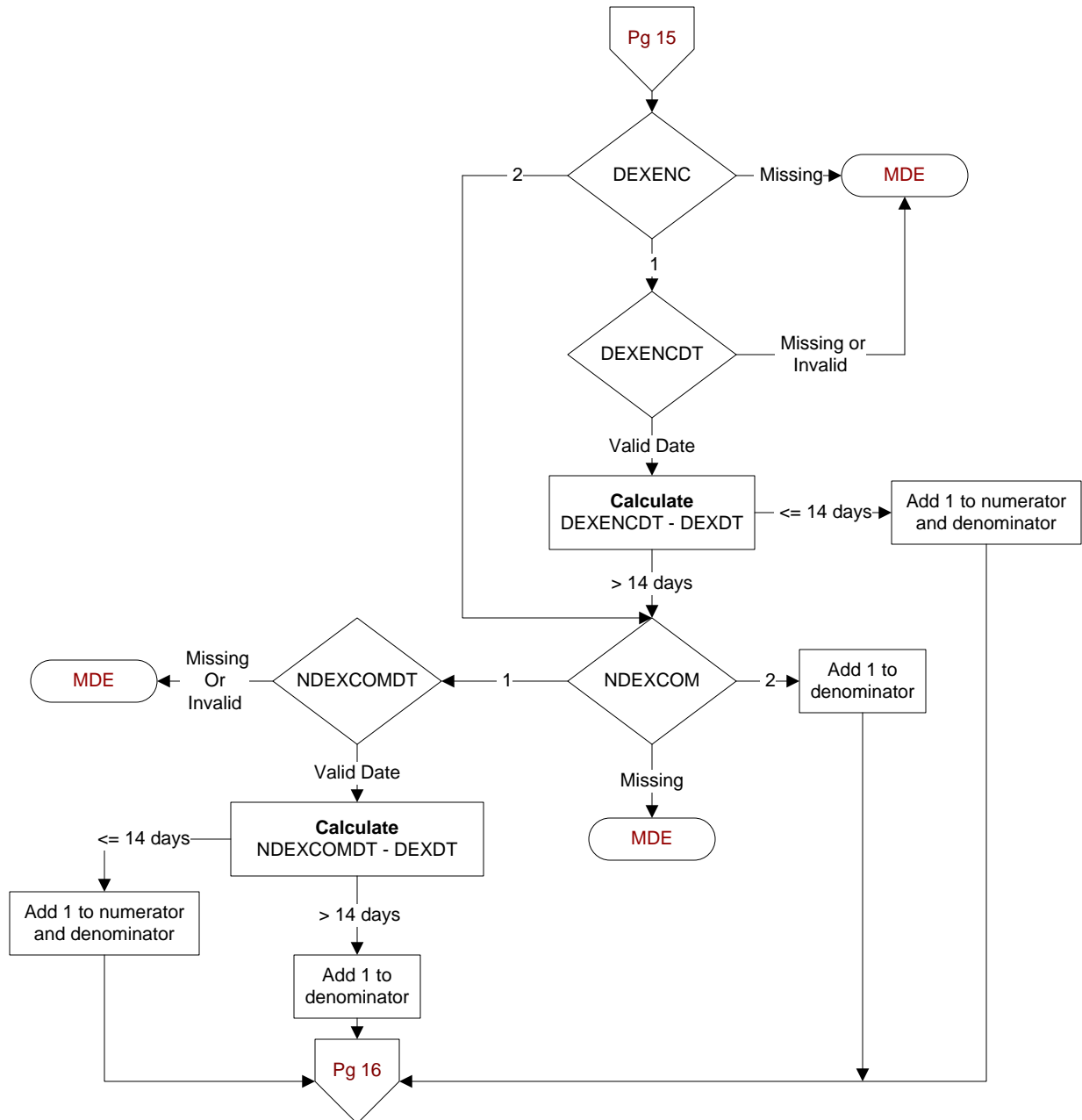-- Telephone

1. Yes
2. No

```
                          ┌─────────┐
                          │  Pg 16  │
                          └────┬────┘
                               │
                               ▼
                          ◇ CXRDT ◇ ──── Missing ────┐
                               │                      │
                          Valid Date                  │
                               │                      │
                               ▼                      │
         ┌─────┐               │                      │
         │ MDE │◀─ Missing ─◇ CXRVAL ◇ ──── 2 ──────▶│
         └──▲──┘               │                      │
            │                  1                      ▼
            │                  │               ┌──────────┐
            │                  ▼               │  Pg 19   │
            │◀─ Missing ─◇ ADMCXR ◇ ──── 1 ───▶└──────────┘
            │                  │
            │                  2
            │                  │
            │                  ▼                ┌──────────┐
            │◀─ Missing ─◇ ACXRACT ◇ ── 2, 99 ▶│  Pg 18   │
                               │                └──────────┘
                               1
                               │
                               ▼
                          ┌──────────┐
                          │  Pg 17   │
                          └──────────┘
```
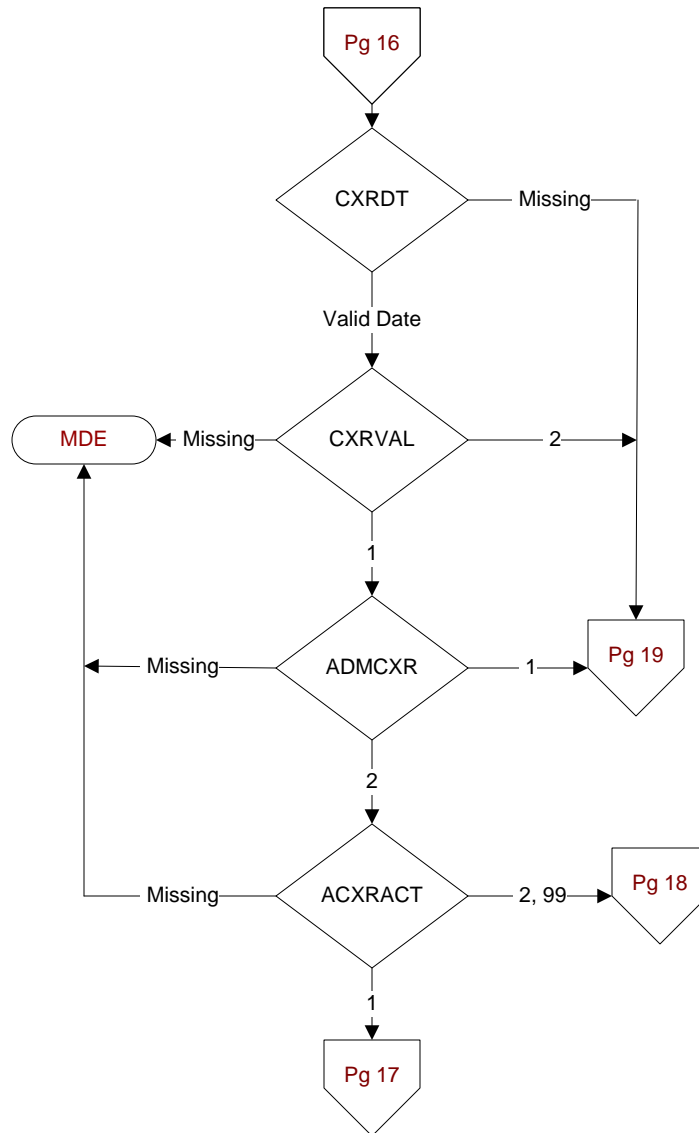
CXRDT
Computer to prefill the date the chest-ray (CXR) was reported.

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?
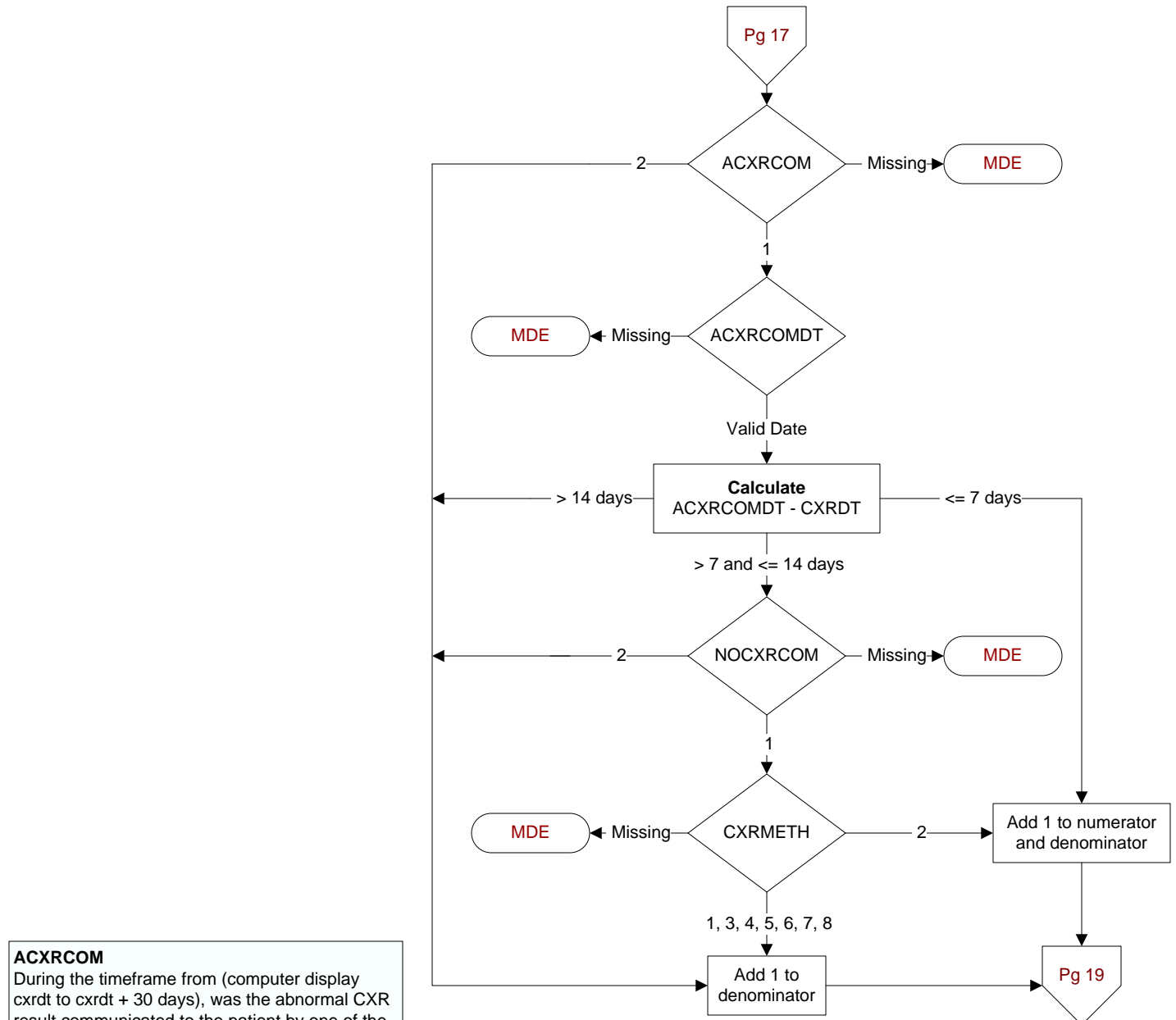1. Yes
2. No

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

```
                              ┌─────────┐
                              │  Pg 17  │
                              └────┬────┘
                                   │
                                   ▼
        2 ◄──────────────────  ◇ ACXRCOM ◇  ──Missing──►  ( MDE )
                                   │
                                   │ 1
                                   ▼
   ( MDE ) ◄──Missing──  ◇ ACXRCOMDT ◇
                                   │
                              Valid Date
                                   │
                                   ▼
   > 14 days ◄──────  ┌─────────────────────┐  ──<= 7 days──►
                      │     **Calculate**    │
                      │  ACXRCOMDT - CXRDT   │
                      └─────────────────────┘
                        > 7 and <= 14 days
                                   │
                                   ▼
        2 ◄──────────────  ◇ NOCXRCOM ◇  ──Missing──►  ( MDE )
                                   │
                                   │ 1
                                   ▼
   ( MDE ) ◄──Missing──  ◇ CXRMETH ◇  ──2──►  ┌──────────────────┐
                                   │          │ Add 1 to numerator│
                         1, 3, 4, 5, 6, 7, 8  │  and denominator  │
                                   │          └──────────────────┘
                                   ▼                   │
                      ┌──────────────┐                 ▼
                      │  Add 1 to    │           ┌─────────┐
                      │ 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.**
-- **Certified letter - required for abnormal results that require action.**
-- Telehealth 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.
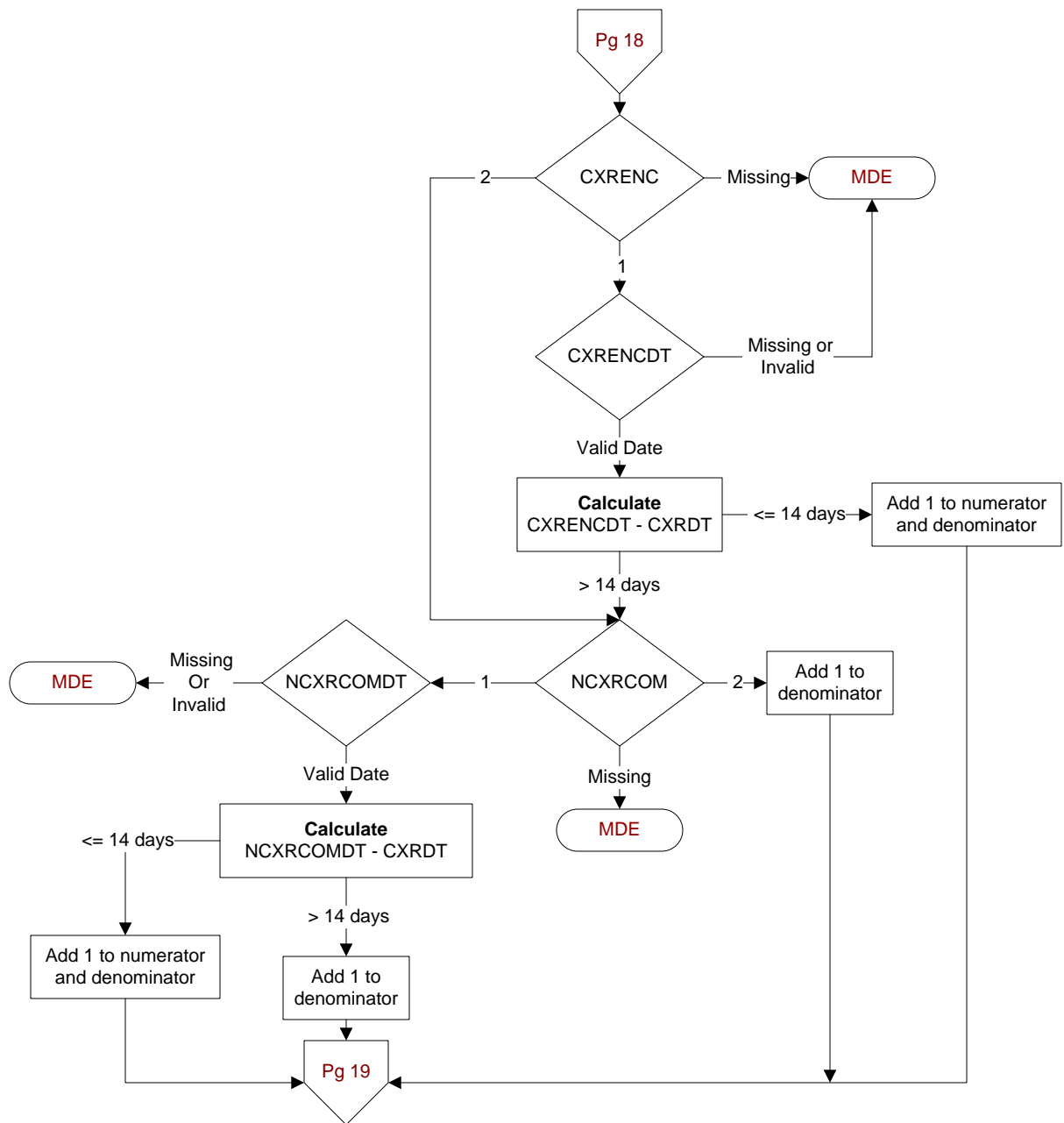

NOCXRCOM
During the timeframe from (computer display cxrdt to cxrdt + 14 days), is there documentation of a reason why the abnormal CXR result was not communicated timely to the patient?
1. Yes
2. No

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. Telehealth (clinic based video)
7. Telephone (including Audiocare)
8. Other (e.g., fax)

Pg 18

CXRENC

2 → (Missing)
Missing → MDE

1 ↓

CXRENCDT

Missing or Invalid →

Valid Date ↓

Calculate
CXRENCDT - CXRDT

<= 14 days → Add 1 to numerator and denominator

> 14 days

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

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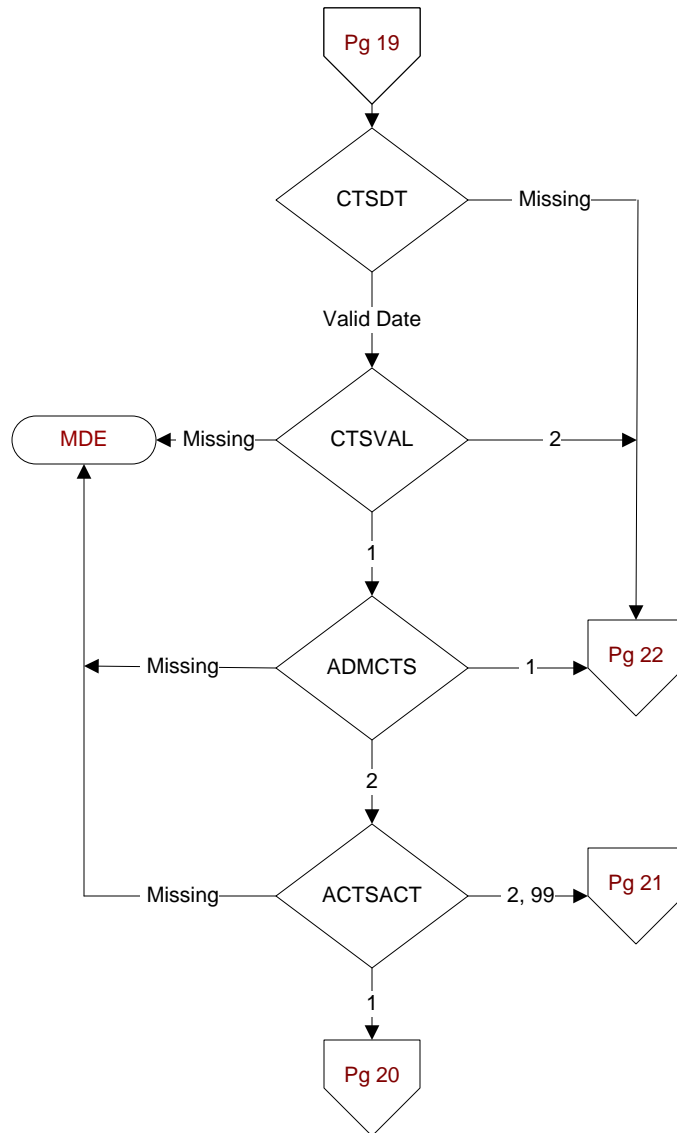Enter the earliest date of the face to face encounter with a physician/APN/PA.

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 normal 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
-- Telehealth 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 prefill the date the CT Scan result was reported.

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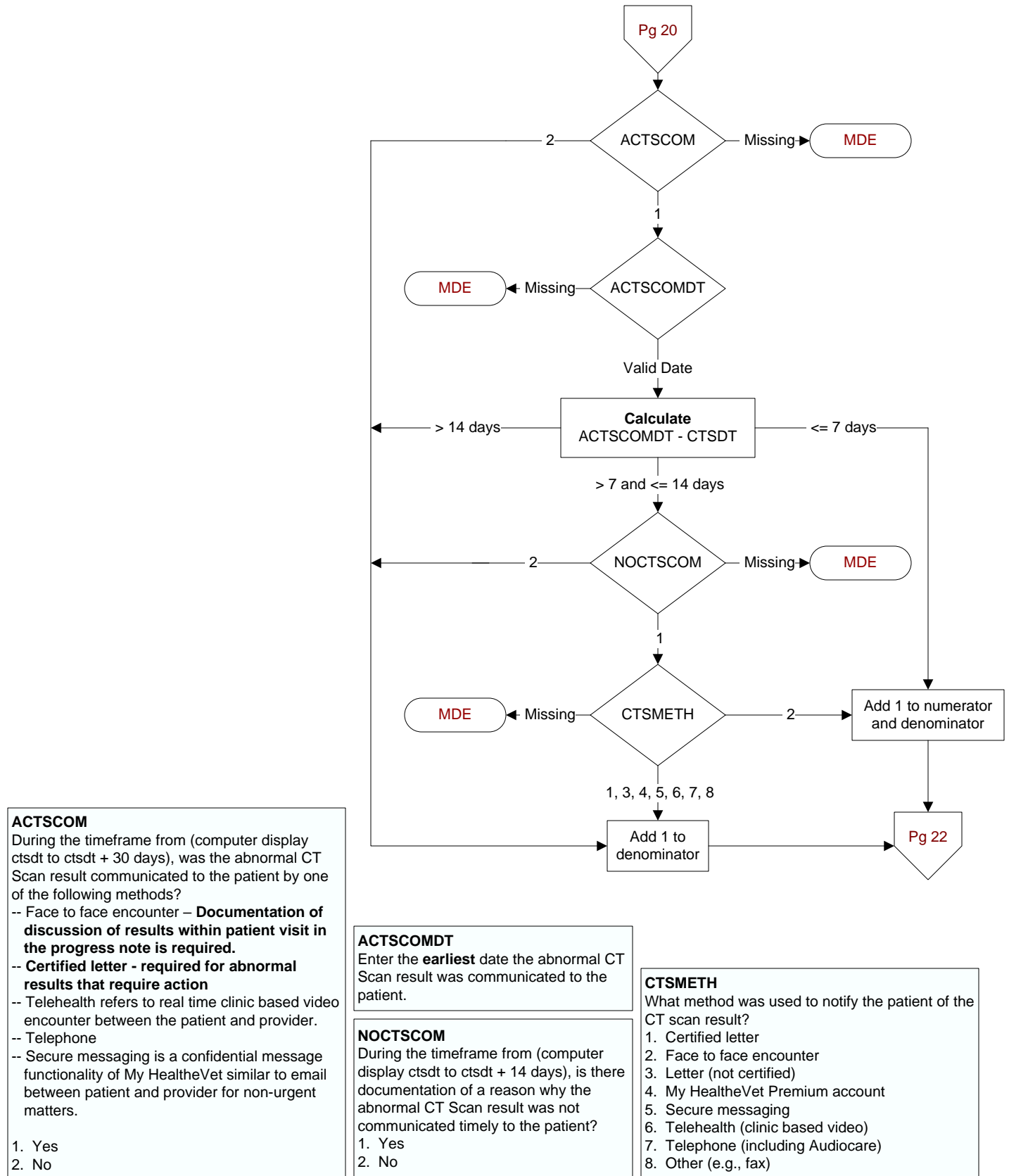1. Yes
2. No

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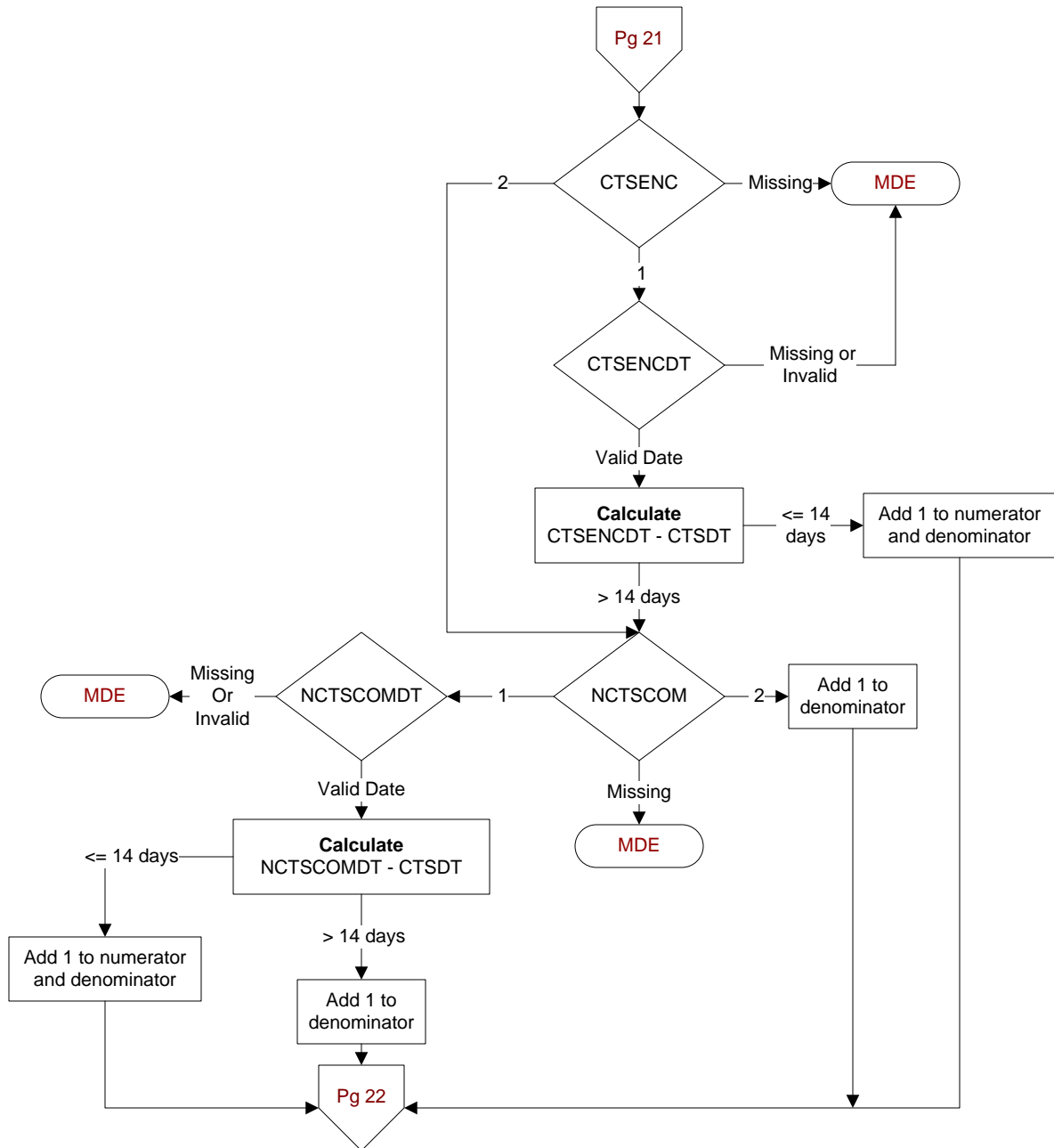1. Yes
2. No

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

Pg 20

ACTSCOM — 2 →

ACTSCOM — Missing → MDE

ACTSCOM — 1 ↓

MDE ← Missing — ACTSCOMDT

ACTSCOMDT — Valid Date ↓

Calculate ACTSCOMDT - CTSDT

Calculate — > 14 days →

Calculate — <= 7 days →

Calculate — > 7 and <= 14 days ↓

NOCTSCOM — 2 →

NOCTSCOM — Missing → MDE

NOCTSCOM — 1 ↓

MDE ← Missing — CTSMETH

CTSMETH — 2 → Add 1 to numerator and denominator

CTSMETH — 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.**
-- **Certified letter - required for abnormal results that require action**
-- Telehealth 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.
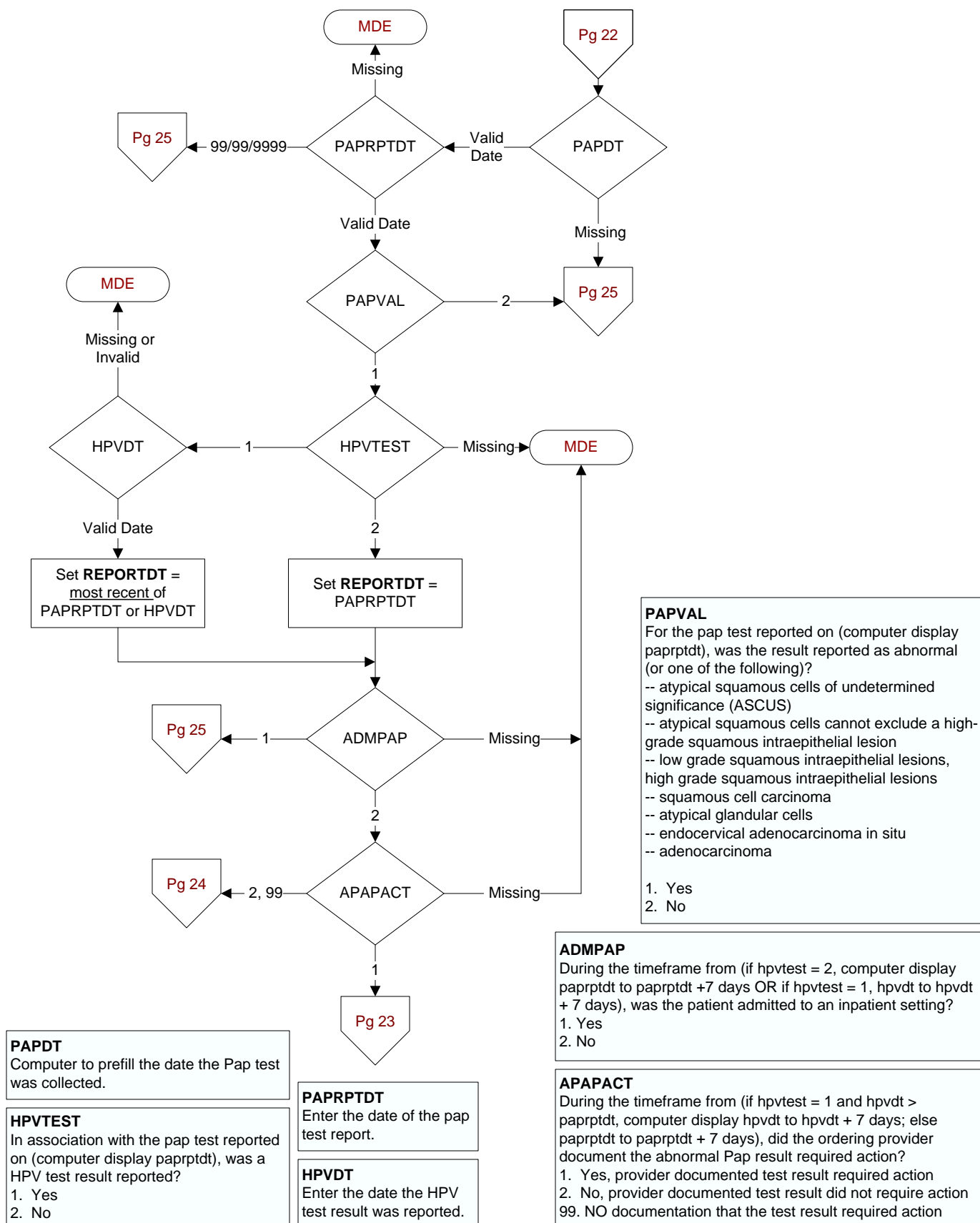
1. Yes
2. No

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. Telehealth (clinic based video)
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

Valid Date

Missing → MDE

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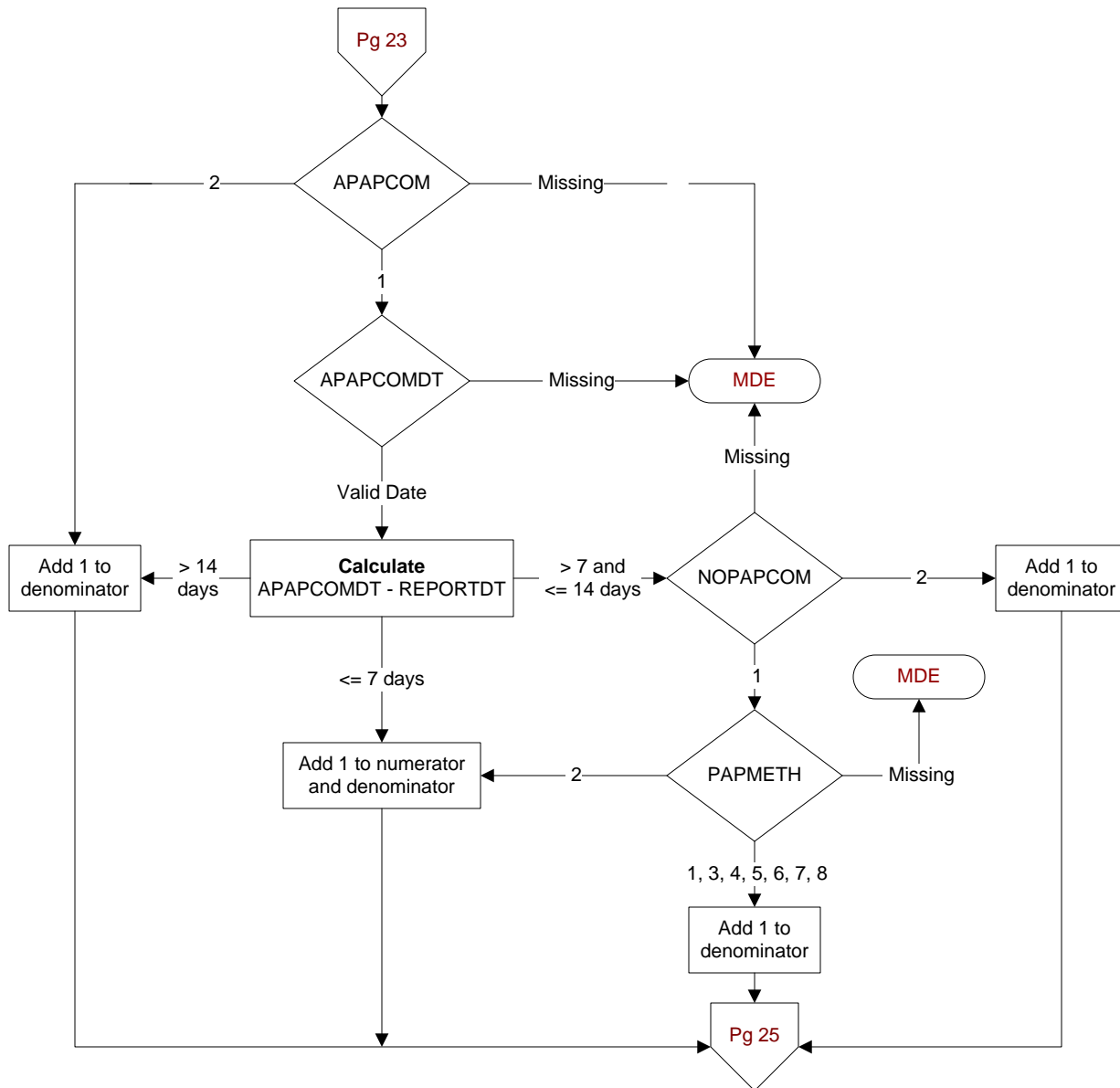Enter the **earliest** date the normal CT Scan result was communicated to the patient.

NCTSCOM
During the timeframe from (computer display ctsdt to ctsdt + 30 days), was the normal 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
-- Telehealth refers to real time clinic based video encounter between the patient and provider.
-- Telephone

1. Yes
2. No

MDE

Pg 22

Missing

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

Valid Date

Missing

MDE

Pg 25

Missing or Invalid

PAPVAL — 2 → Pg 25

1

HPVDT ← 1 — HPVTEST — Missing → MDE

Valid Date

2

Set **REPORTDT** = most recent of 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

Pg 24 ← 2, 99 — APAPACT — Missing →

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

1

Pg 23

PAPDT
Computer to prefill 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?
1. Yes, provider documented test result required action
2. No, provider documented test result did not require action
99. NO documentation that the test result required action

Pg 23

APAPCOM — 2 →

APAPCOM — Missing —

APAPCOM → 1

APAPCOMDT — Missing → MDE

APAPCOMDT → Valid Date

MDE ← Missing (from NOPAPCOM)

Calculate APAPCOMDT - REPORTDT

> 14 days → Add 1 to denominator

> 7 and <= 14 days → NOPAPCOM

NOPAPCOM — 2 → Add 1 to denominator

NOPAPCOM → 1

<= 7 days → Add 1 to numerator and denominator

PAPMETH — 2 → Add 1 to numerator and denominator

PAPMETH — Missing → MDE

PAPMETH → 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.
- Certified letter - required for abnormal results that require action.
- Telehealth 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.
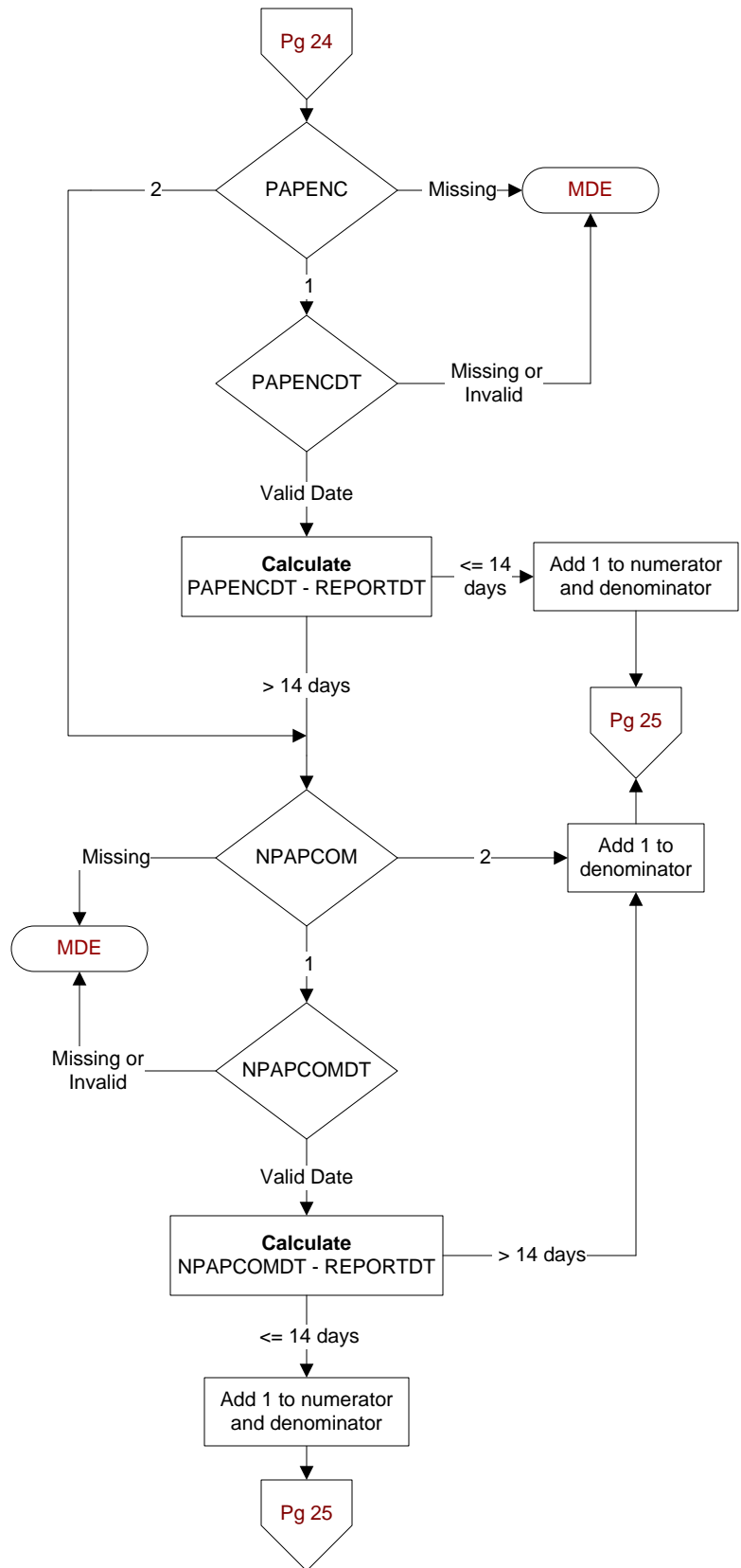
1. Yes
2. No

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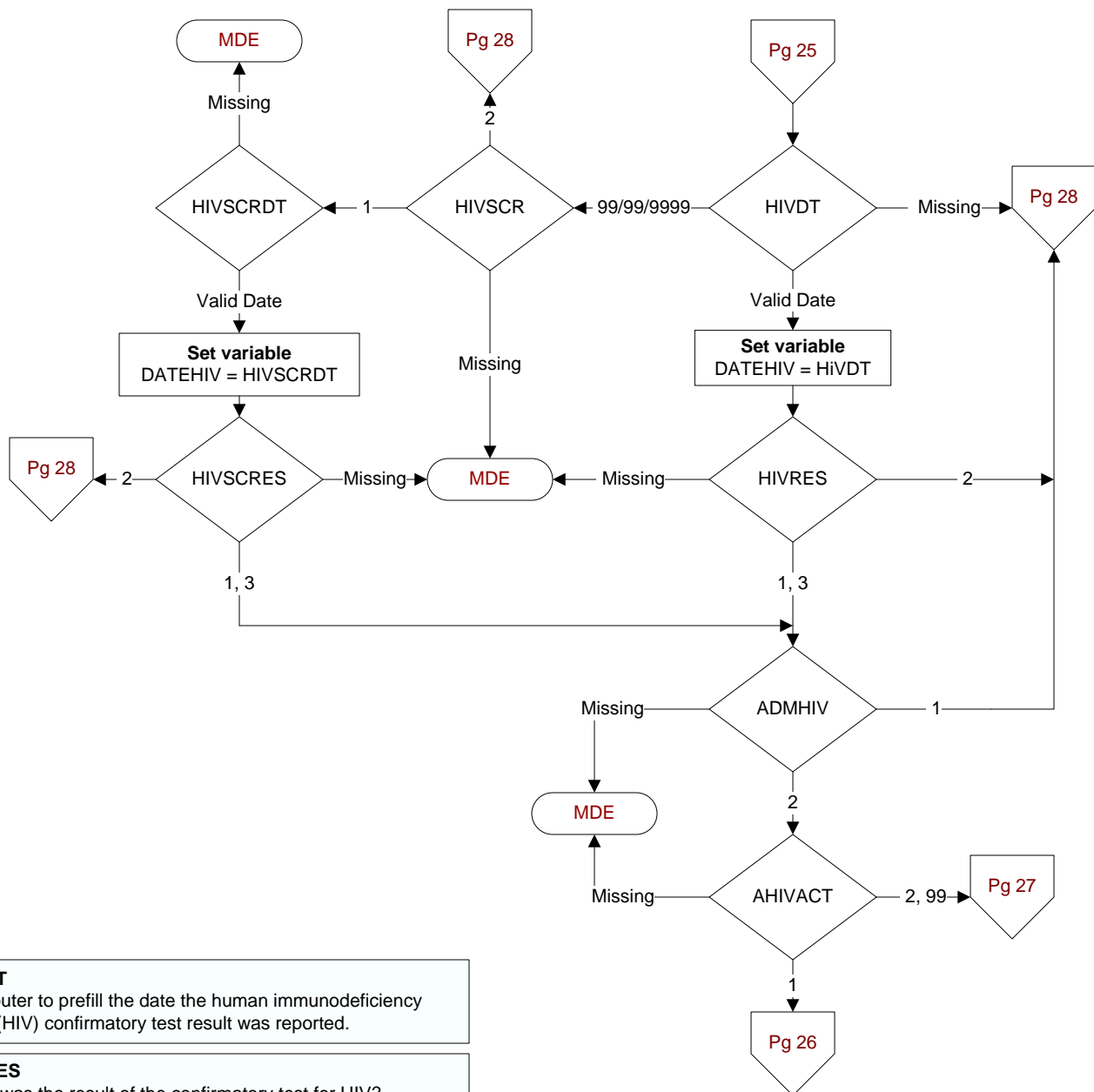Enter the **earliest** date the abnormal Pap result was communicated to the patient.

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. Telehealth (clinic based video)
7. Telephone (including Audiocare)
8. Other (e.g., fax)

Pg 24

PAPENC → Missing → **MDE**

2 (from PAPENC to the left, down to NPAPCOM)

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
NPAPCOM → 2 → Add 1 to denominator

Missing → **MDE**

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

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 tp 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
• Telehealth refers to real time clinic based video encounter between the patient and provider.
• Telephone

1. Yes
2. No

MDE

Pg 28

Pg 25

↑ Missing

↑ 2

↓

HIVSCRDT ◄— 1 — HIVSCR ◄— 99/99/9999 — HIVDT — Missing ►► Pg 28

↓ Valid Date

↓ Missing

↓ Valid Date

Set variable
DATEHIV = HIVSCRDT

Set variable
DATEHIV = HiVDT

↓

↓

↓

Pg 28 ◄— 2 — HIVSCRES — Missing ► MDE ◄— Missing — HIVRES — 2 ►►

↓ 1, 3

↓ 1, 3

Missing — ADMHIV — 1

↓ ↓

MDE   2

↓ ↓

Missing — AHIVACT — 2, 99 ► Pg 27

↓ 1

Pg 26

HIVDT
Computer to prefill the date the human immunodeficiency virus (HIV) confirmatory test result was reported.

HIVRES
What was the result of the confirmatory 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

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

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

ADMHIV
During the timeframe from (if hivdt = valid, computer to display hivdt to hivdt +7 days OR if hivdt = 99/99/9999 computer display hivscrdt to hivscrdt + 7 days), was the patient admitted to an inpatient setting?
1. Yes
2. No

AHIVACT
During the timeframe from ((if hivdt = valid, computer to display hivdt to hivdt +7 days OR if hivdt = 99/99/9999 computer display hivscrdt to hivscrdt + 7 days), did the ordering provider document the positive/reactive or indeterminate HIV confirmatory or screening test result required action?
1. Yes, provider documented test result required action
2. No, provider documented test result did not require action
99. NO documentation that the test result required action

Pg 26

AHIVCOM —2—

AHIVCOM —Missing▶ MDE

1

MDE ◀—Missing— AHIVCOMDT

Valid Date

> 14 days —— **Calculate** AHIVCOMDT - DATEHIV —— <= 7 days

> 7 and <= 14 days

NOHIVCOM —2—

NOHIVCOM —Missing▶ MDE

1

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

1, 3, 4, 5, 6, 7, 8
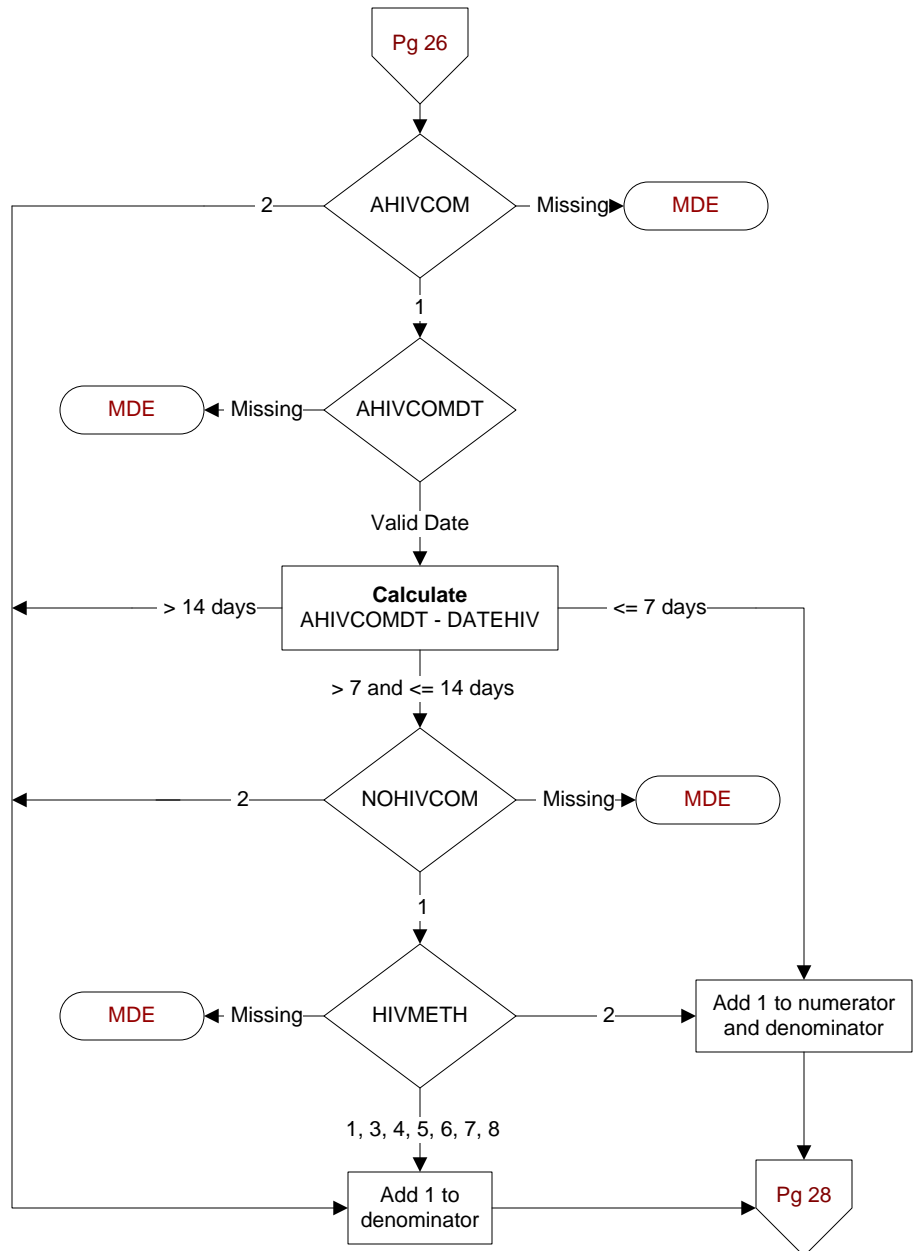
Add 1 to denominator ——▶ Pg 28

AHIVCOM
During the timeframe from (if hivdt = valid, computer to display hivdt to hivdt +30 days OR if hivdt= 99/99/9999, display hivscrdt to hivscrdt + 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.
• Certified letter - required for abnormal results that require action.
• Telehealth 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 hivdt = valid, computer to display hivdt to hivdt +14 days OR if hivdt = 99/99/9999, display hivscrdt to hivscrdt + 14 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?
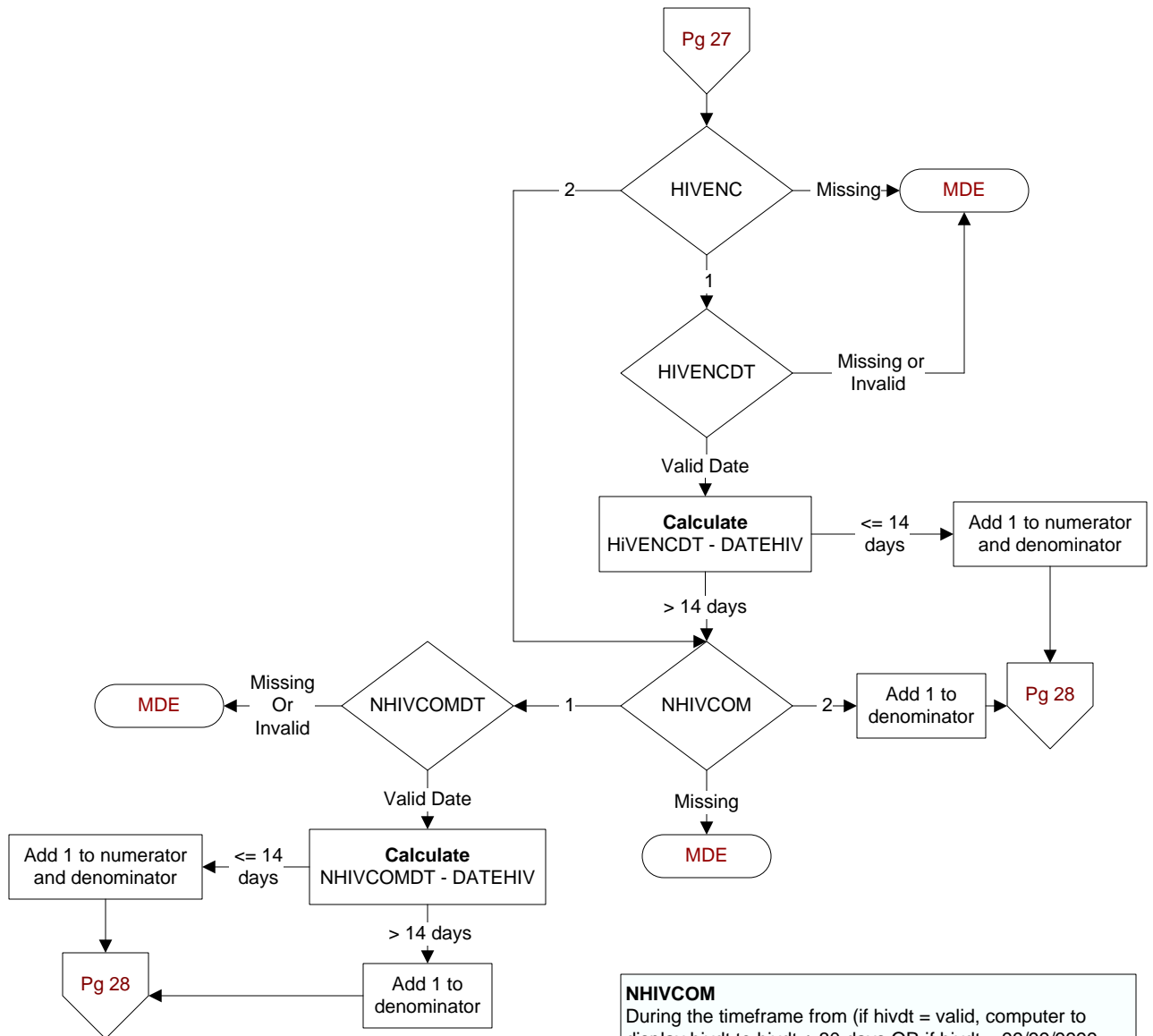1. Yes
2. No

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. Telehealth (clinic based video)
7. Telephone (including Audiocare)
8. Other (e.g., fax)

Pg 27

HIVENC — Missing → MDE

2 (left branch)

1

HIVENCDT — Missing or Invalid → MDE

Valid Date

Calculate HiVENCDT - DATEHIV — <= 14 days → Add 1 to numerator and denominator

> 14 days

Add 1 to numerator and denominator → Pg 28

NHIVCOM

Missing Or Invalid ← NHIVCOMDT ← 1 — NHIVCOM — 2 → Add 1 to denominator → Pg 28

MDE (from NHIVCOMDT Missing Or Invalid)

Valid Date

Missing → MDE

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

> 14 days

Pg 28 ← Add 1 to denominator

NHIVCOM
During the timeframe from (if hivdt = valid, computer to display hivdt to hivdt + 30 days OR if hivdt = 99/99/9999 computer display hivscrdt to hivscrdt + 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
• Telehealth refers to real time clinic based video encounter between the patient and provider.
• Telephone

1. Yes
2. No

HIVENC
During the timeframe from (if hivdt = valid, computer to display hivdt to hivdt + 30 days OR if hivdt = 99/99/9999 computer display hivscrdt to hivscrdt + 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.

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