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

DCDATE (Validation)
Enter the date of discharge. (rcvd on pull list)

ADMDT (Validation)
Enter the date the patient was formally admitted to inpatient status at this VAMC.

TRUAMI (Validation)
Is there evidence in the medical record that the patient had an acute myocardial infarction?
1. Yes
2. No

CLNTRIAL (Validation)
During this hospital stay, was the patient enrolled in a clinical trial in which patients with acute myocardial infarction (AMI) were being studied? (Includes AMI, STEMI, NSTEMI, or heart attack)
1 = Yes
2 = No

INPTACS (Validation)
Was the veteran already a VAMC inpatient when ACS occurred?
1. yes
2. no
95. not applicable

MDE = Missing or Invalid Data Exclusion (data error)

START

REVSTAT → NOT = 2

2

DCDATE
- Missing or Invalid
- < 01/01/15 or > 09/30/15

>= 01/01/15 and <= 09/30/15

ADMDT → Missing or Invalid

Valid Date

calculate
DCDATE - ADMDT
- < 0
- > 120

>= 0 and <= 120

DCTIME → Missing or Invalid

Valid Time

Set variable **DCDTTM** = DCDATE+DCTIME

TRUAMI
- NOT = 1 or 2
- 2

1

CLNTRIAL
- NOT = 1 or 2
- 1

2

INPTACS
- NOT = 1, 2, 95 → MDE
- 1 → Excluded

2, 95

Pg 2

Pg 2

COMFORT

Excluded ◀—1

NOT = 1, 2, 3, 99

MDE

2, 3, 99

DONOTX

2

NOT = 1 or 2

1

NOTX1DT

Invalid or Missing

Valid Date

ACUTEDT

99/99/9999

Missing

Valid Date

calculate
NOTX1DT - ACUTEDT

> 1

0 ▶ Excluded

1

Pg 3

99:99

ACUTETM

MIssing

Valid Time

NOTX1TM

Invalid or Missing

Valid Time

> 1440

calculate
NOTX1DT+NOTX1TM - ACUTEDT+ACUTETM

<= 1440 ▶ Excluded

COMFORT (Validation)
When is the earliest physician, APN, or PA documentation of comfort measures only?
1. Day of arrival (day 0) or day after arrival (day 1)
2. 2 or more days after arrival (day 2 or greater)
3. Comfort measures only documented during hospital stay, but timing unclear
99. Not documented or unable to determine

DONOTX (Validation)
Is there explicit documentation of the decision not to treat during this episode of care?
1. Yes
2. No
95. Not applicable

NOTX1DT (Validation)
Enter the date the decision not to treat was documented in the record.

NOTX1TM (Validation)
Enter the time the decision not to treat was documented in the record.

ACUTEDT (Validation)
Enter the earliest documented date the patient arrived at this or another VAMC.

ACUTETM (Validation)
Enter the earliest documented time the patient arrived at this or another VAMC.

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                                          ┌────────┐
                                          │  Pg 3  │
                                          └───┬────┘
                                              │
                                              ▼
            ┌──────────┐              ╱◇╲
            │ Excluded │◄──── 1 ──── ◇ COMMINPT ◇ ──── NOT = 1 or 2 ──┐
            └──────────┘              ╲◇╱                              │
                 ▲                       │ 2                           │
                 │                       ▼                             │
                 │                      ╱◇╲                            │
                 │          ◄─ 1 ───── ◇ COMM1TX ◇ ── NOT = 1 or 2 ──► │
                 │                      ╲◇╱                            │
                 │                       │ 2                           │
                 │ 2                     ▼                             ▼
              ╱◇╲                      ╱◇╲                        ┌───────┐
  ┌─────┐    ◇TRANVAED◇◄──── 1 ────── ◇TRANSIN3◇── NOT = ──────► │  MDE  │
  │ MDE │◄── ╲◇╱         NOT =         ╲◇╱       1 or 2           └───────┘
  └─────┘      │        1 or 2           │
               │ 1                       │
               ▼                         │
           ┌───────┐                     │
           │  Pg 4 │◄───── 2 ────────────┘
           └───────┘
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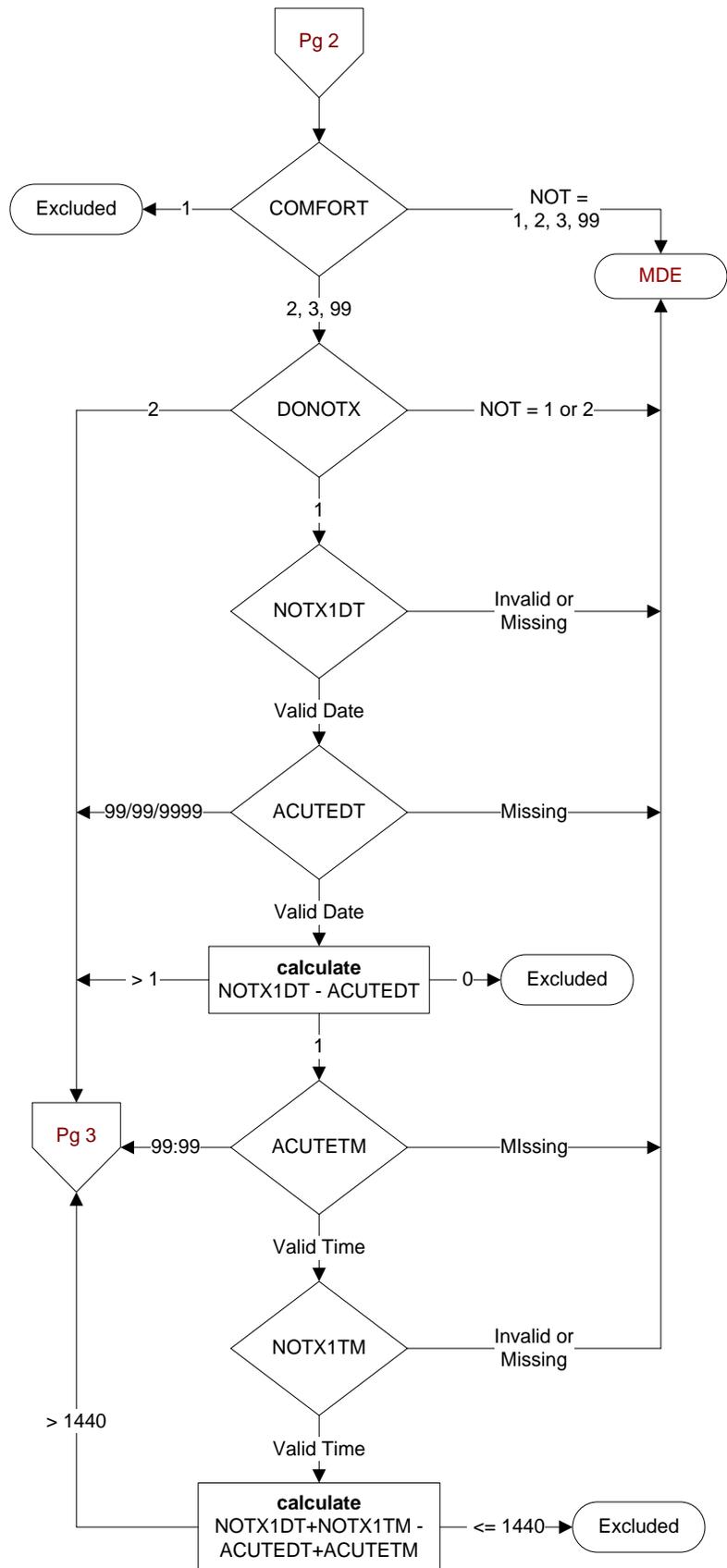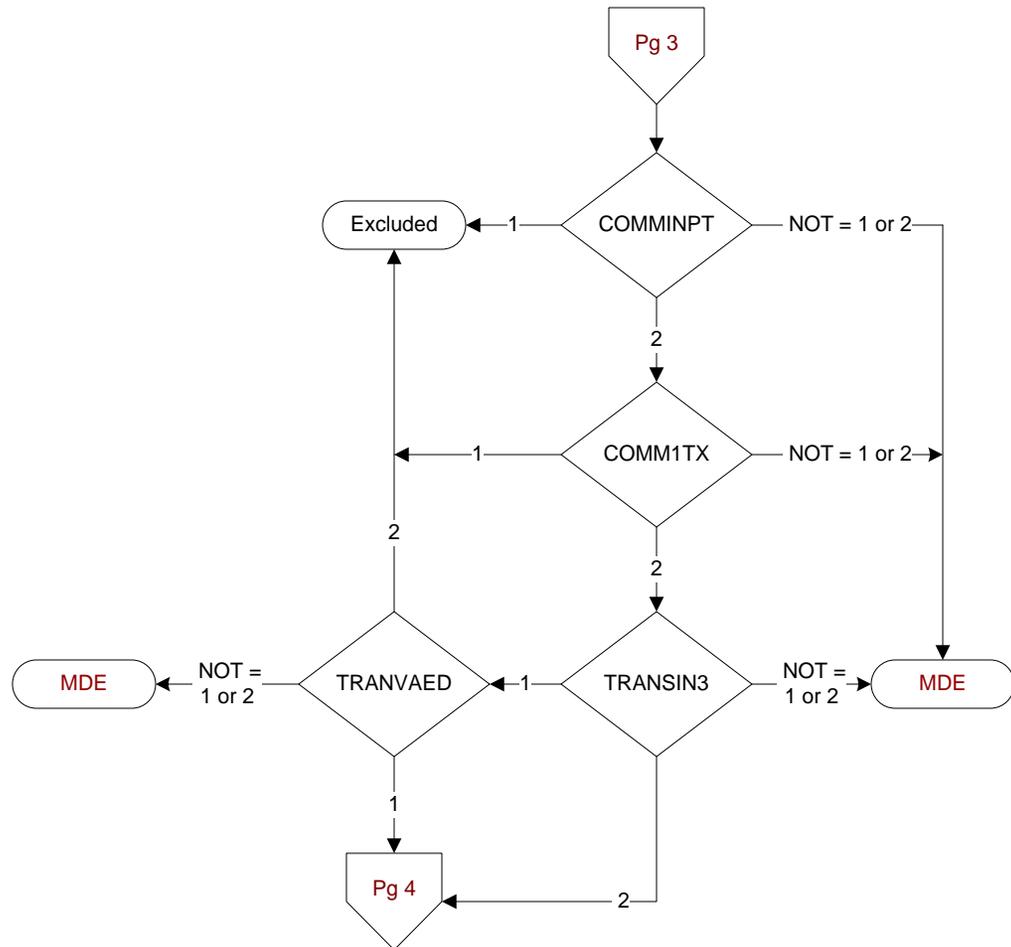
| **COMMINPT** (Validation)	**TRANSIN3** (Validation)
Was the patient a transfer from a community hospital where he/she was an inpatient for ACS care? 1. Yes 2. No	Was the patient received as a transfer from an inpatient, outpatient or emergency/observation department of an <u>outside</u> hospital or from an ambulatory surgery center? 1. Yes 2. No
COMM1TX (Validation)	**TRANVAED** (Validation)
Did the patient present initially to a community hospital where he/she received all or part of the first 24 hours of care for ACS? 1. Yes 2. No	Was the patient received from the emergency department of another VAMC? 1. Yes 2. No 95. Not applicable

Fail ←1, 3— CARDSEEN —99→ A

Pg 4

2

TROPONE —3→

Excluded ←1— DOTROP —NOT = 1 or 2→ MDE

Not = 3

MDE

Missing

95   2, 95

TROPREF —Not = 3→ ECGSTEMI —2, 95→ ECGSTEMI —2→ ECGNST —Missing

3   1   1

Pg 5 ←1, 3— CARDSEEN —NOT = 1. 3. 99→ MDE

99

A → ACUTEDT —Invalid or Missing→

VALID DATE

ACUTETM —Invalid or Missing→ Fail

VALID TIME

Set variable **ARVDTTM** = ACUTEDT + ACUTETM

Calculate DCDTTM - ARVDTTM —>= 24→

< 24

Excluded
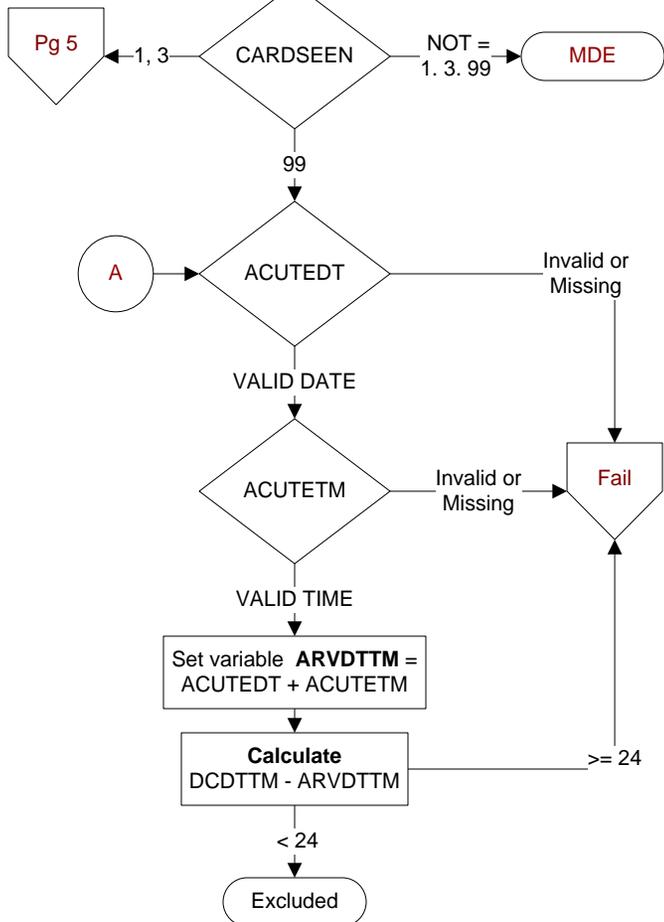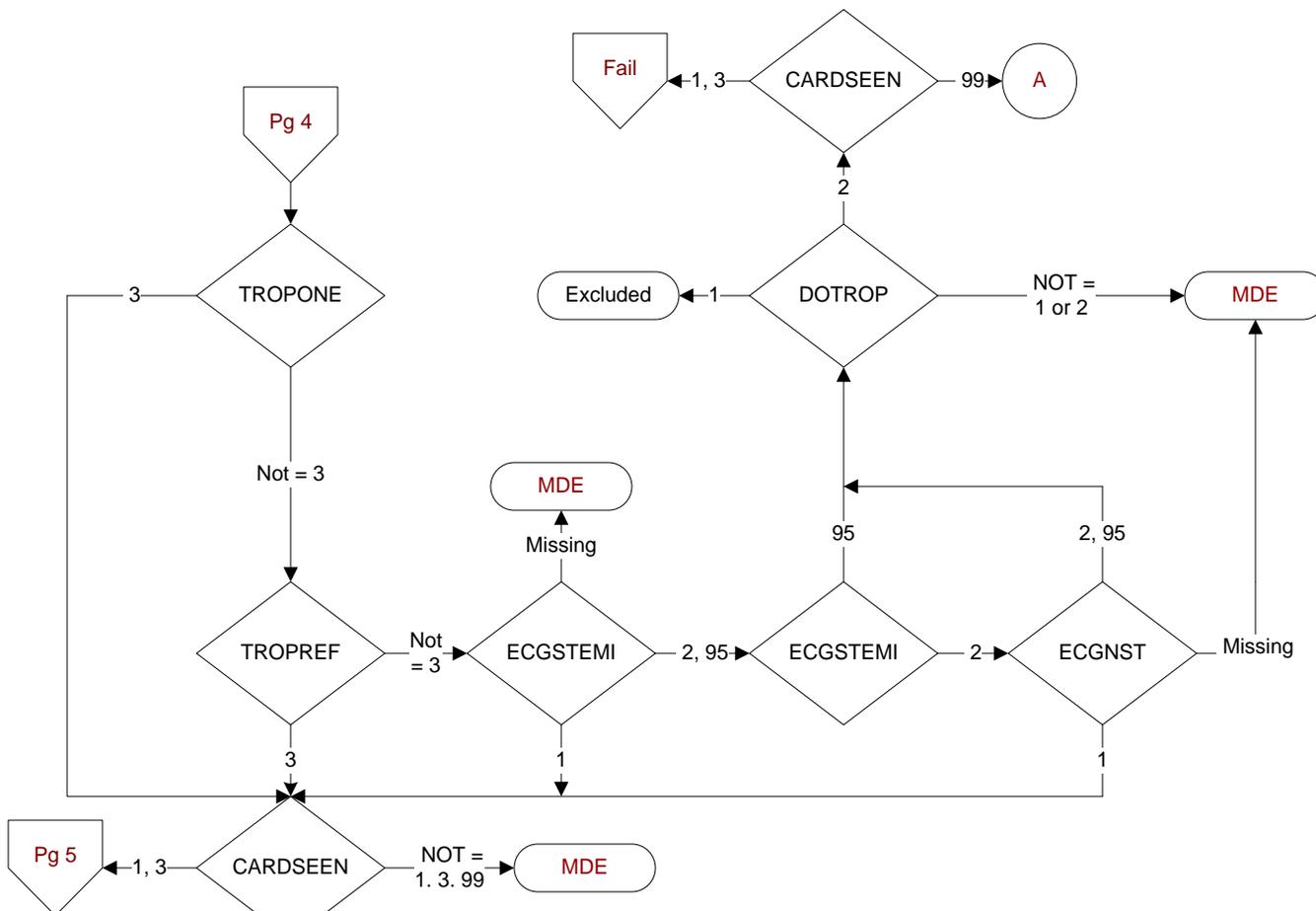
ECGSTEMI (At Presentation)
Is there documentation of ST-segment elevation on the ECG performed closest to hospital arrival?

ST-segment Elevation Inclusion Guidelines
• myocardial infarction (MI) with any mention of location or combinations of locations (e.g., anterior, apical, basal, inferior, lateral, posterior, or combination) IF DESCRIBED AS ACUTE/EVOLVING (e.g., "posterior AMI")
• Q wave MI, IF DESCRIBED AS ACUTE/EVOLVING
• ST ^
• ST, ST abnormality, or ST changes consistent with injury or acute/ evolving MI
• ST-elevation (STE)
• ST-elevation myocardial infarction (STEMI)
• new or presumed new ST-segment noted as >/= .10mV or >/= 1mm
• "STEMI or equivalent"
• Transmural MI, IF DESCRIBED AS ACUTE/EVOLVING

1. Yes
2. No
95. Not applicable

ECGNST (At presentation)
Is there documentation of a non-ST elevation myocardial infarction based on the interpretation of the ECG performed closest to hospital arrival??
1. Yes
2. No
95. Not applicable

CARDSEEN (At presentation)
Was Cardiology involved in the care of the patient?
1. A cardiologist was the attending physician
3. A cardiologist was consulted in person, by telephone, or telemedicine
99. Cardiology not involved in the patient's care

TROPREF (Hx & Assmt)
Indicate whether the result of the highest/peak troponin level was positive or negative.
3. positive (greater than or equal to cutoff point)
4. negative (less than cutoff point)

TROPONE (Hx & Assmt)
indicate whether the result of the first troponin level was positive or negative.
3. positive (greater than or equal to cutoff point)
4. negative (less than cutoff point)

Pg 5
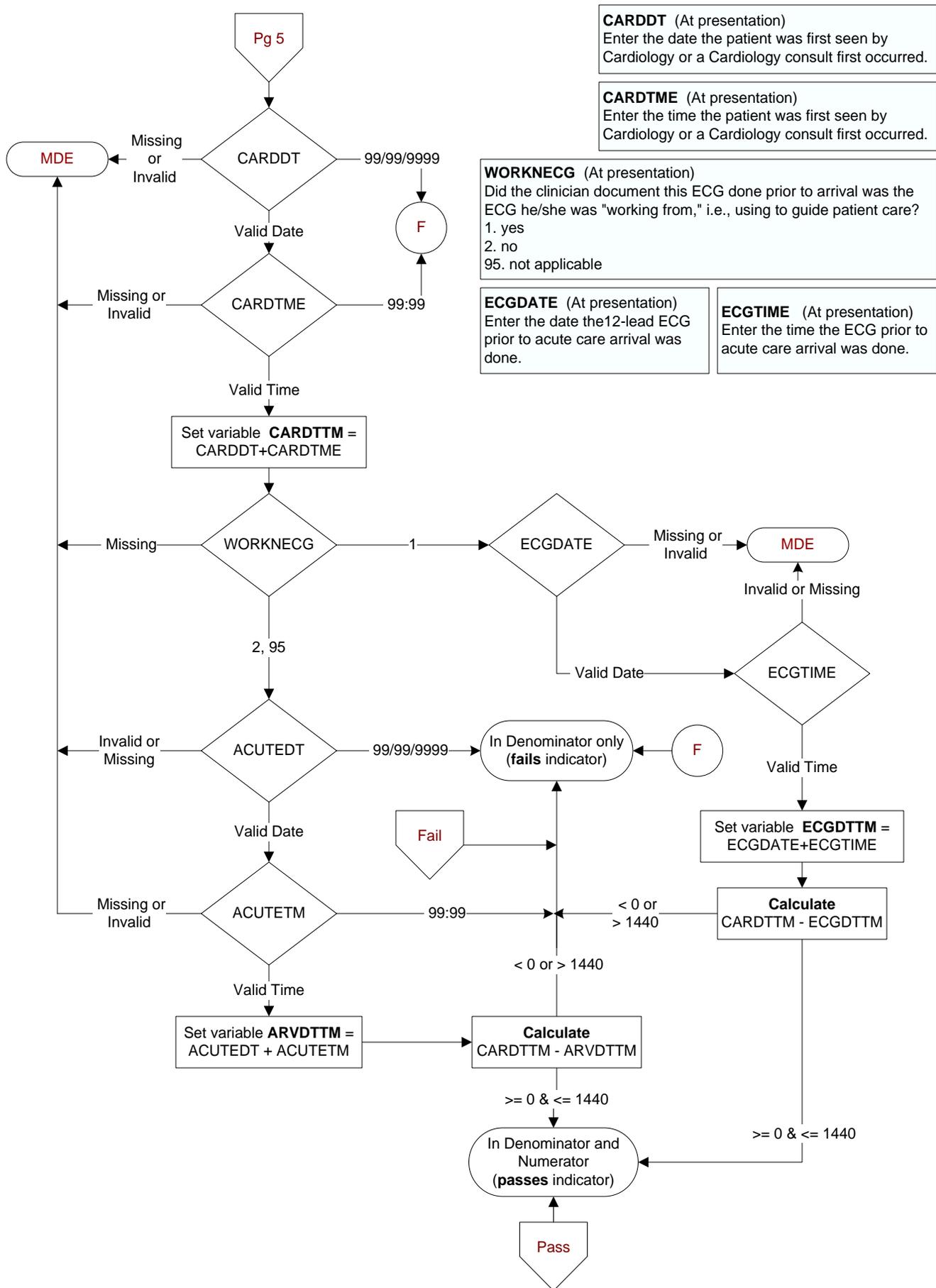
CARDDT (At presentation)
Enter the date the patient was first seen by Cardiology or a Cardiology consult first occurred.

CARDTME (At presentation)
Enter the time the patient was first seen by Cardiology or a Cardiology consult first occurred.

WORKNECG (At presentation)
Did the clinician document this ECG done prior to arrival was the ECG he/she was "working from," i.e., using to guide patient care?
1. yes
2. no
95. not applicable

ECGDATE (At presentation)
Enter the date the12-lead ECG prior to acute care arrival was done.

ECGTIME (At presentation)
Enter the time the ECG prior to acute care arrival was done.

MDE

CARDDT — Missing or Invalid → MDE

CARDDT — 99/99/9999 → F

CARDDT — Valid Date ↓

CARDTME — Missing or Invalid →

CARDTME — 99:99 →

CARDTME — Valid Time ↓

Set variable **CARDTTM** = CARDDT+CARDTME

WORKNECG — Missing →

WORKNECG — 1 → ECGDATE

WORKNECG — 2, 95 ↓

ECGDATE — Missing or Invalid → MDE

ECGDATE — Valid Date → ECGTIME

ECGTIME — Invalid or Missing → MDE

ECGTIME — Valid Time ↓

ACUTEDT — Invalid or Missing →

ACUTEDT — 99/99/9999 → In Denominator only (**fails** indicator)

ACUTEDT — Valid Date ↓

F → In Denominator only (**fails** indicator)

Fail →

Set variable **ECGDTTM** = ECGDATE+ECGTIME

Calculate CARDTTM - ECGDTTM

ACUTETM — Missing or Invalid →

ACUTETM — 99:99 →

ACUTETM — Valid Time ↓

Calculate CARDTTM - ECGDTTM — < 0 or > 1440 →

< 0 or > 1440 →

Set variable **ARVDTTM** = ACUTEDT + ACUTETM →

Calculate CARDTTM - ARVDTTM

Calculate CARDTTM - ARVDTTM — >= 0 & <= 1440 ↓

Calculate CARDTTM - ECGDTTM — >= 0 & <= 1440 →

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

Pass