START

CATNUM

50, 54

NOT = 16, 48, 50, 51, 54 or 60

16, 48, 51, 60

EXCLUDED

NOT = 1

CATNUM — 54 → FEFLAG — 1 → OTHRCARE — 1 →

50

NOT = 1

REVSTAT — NOT = 2 →

2

MDE ← MIssing — DOCHOSPCE — 1 → EXCLUDED

2

< 0 or MIssing ← AGE — (>=0 and < 18) or > 75

>= 18 and <= 75

Invalid or Missing ← STDYBEG

Valid Date

Pg 2

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

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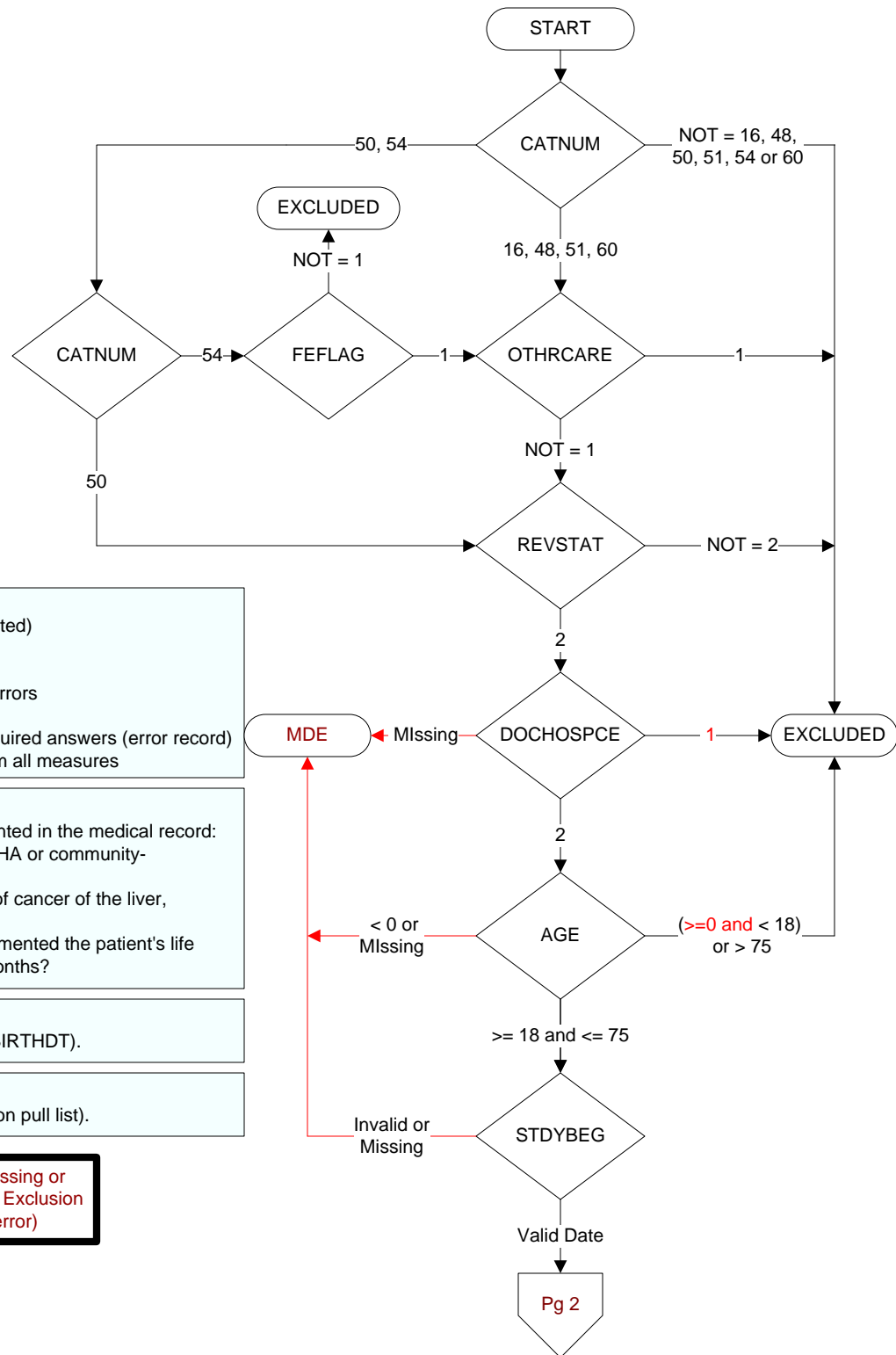FE case flagged for CGPI review / scoring?
0. No
1. Yes

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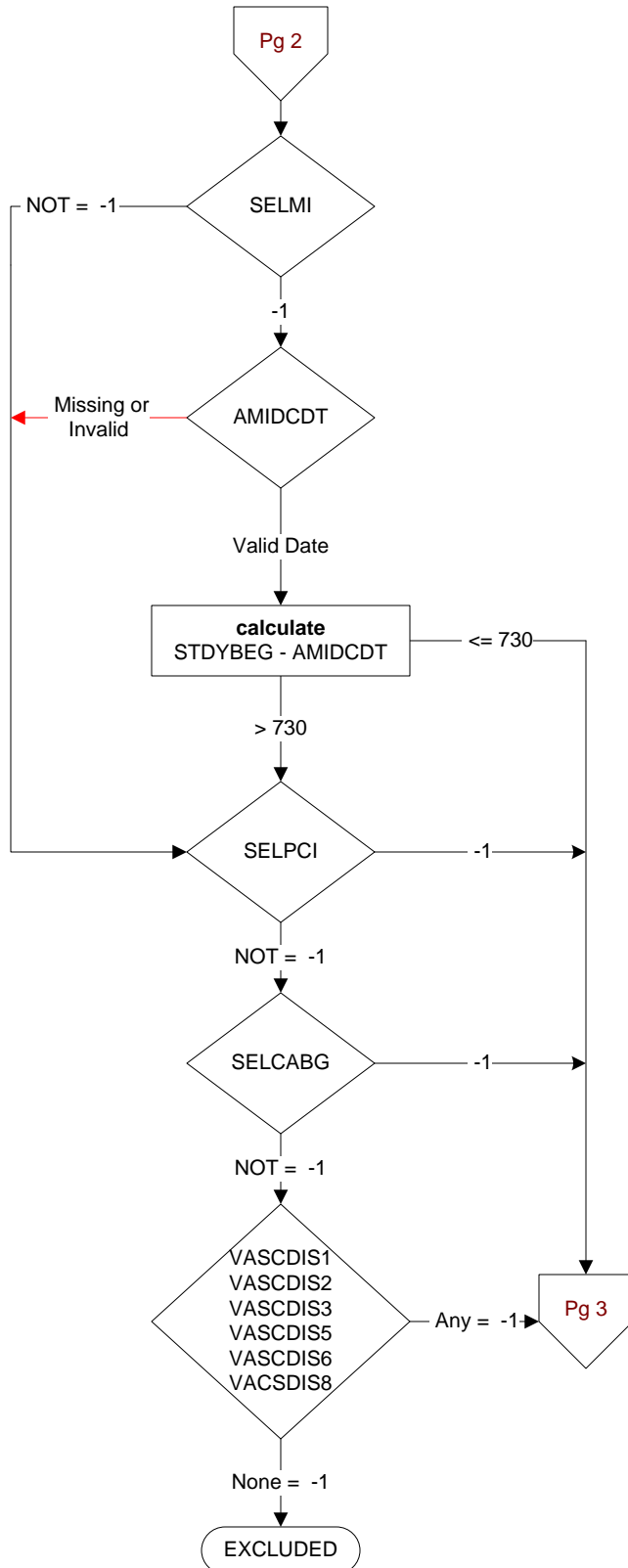5. Administrative exclusion from all measures

DOCHOSPCE (PI module)
Is one of the following documented in the medical record:
- the patient is enrolled in a VHA or community-based Hospice program
- the patient has a diagnosis of cancer of the liver, pancreas, or esophagus
- on the problem list it is documented the patient's life expectancy is less than 6 months?

AGE
Calculated field (NEXUSDT - BIRTHDT).

STDYBEG
First day of study period (rcvd on pull list).

MDE = Missing or Invalid Data Exclusion (data error)

Pg 2

SELMI

— NOT = -1 —

-1

AMIDCDT → Missing or Invalid

Valid Date

calculate
STDYBEG - AMIDCDT — <= 730 —

> 730

SELPCI — -1 →

NOT = -1

SELCABG — -1 →

NOT = -1

VASCDIS1
VASCDIS2
VASCDIS3
VASCDIS5
VASCDIS6
VACSDIS8 — Any = -1 → Pg 3

None = -1

EXCLUDED

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

SELMI = Old Myocardial Infarction
ICD-9-CM code 412 = old myocardial infarction. The abstractor may determine the patient had a past AMI from clinician documentation, and presence of the 412 code is not an absolute requirement

SELPCI = PCI in past two years (Enable IHD Module)
Abstractor must know approximate month and year of px
ICD-9-CM Code: 00.66

SELCABG = CABG in past two years (Enable IHD Module) Abstractor must know approximate month and year of px
ICD-9-CM Codes: 36.1, 36.2

VASDISC1 - VASDISC99 (PI)
Within the past two years, at any inpatient or outpatient encounter, did the patient have an active diagnosis of any of the following?
Indicate all that apply:
VASCDIS1 Coronary artery disease
        414.0x, 414.2, 414.8, 414.9, 429.2
VASCDIS2   Stable angina 411.xx, 413.xx
VASCDIS3   Lower extremity arterial disease/
        peripheral artery disease 440.2, 440.4
VASCDIS4   Transient cerebral ischemia   435.xx
VASCDIS5   Stroke 433.xx, 434.xx
VASCDIS6   Atheroembolism 444.xx, 445.xx
VASCDIS7   Abdominal aortic aneurysm   441.xx
VASCDIS8   Renal artery atherosclerosis 440.1
VASCDIS99 No ischemic vascular disease diagnosis

AMIDCDT (Shared)
Enter the discharge date from the most recent hospitalization for acute myocardial infarction during the past 2 years.

LIPSRCH (Shared)
Is there documentation in the record that the patient was enrolled in a clinical trial or research protocol that precludes access to the lipid profile?
1. yes
2. no
95. not applicable

LDLDONE (Shared)
Was an LDL obtained (or attempt to measure LDL) during the past 5 years?
1. yes
2. no

LDLCALC (Shared)
How was the LDL value measured?
1. direct
2. calculated
3. triglycerides too high to obtain valid LDL-C
95. not applicable

LDLDT (Shared)
Enter the date the most recent LDL value in mg/dL or mg/100ml was obtained (or attempt to measure LDL).
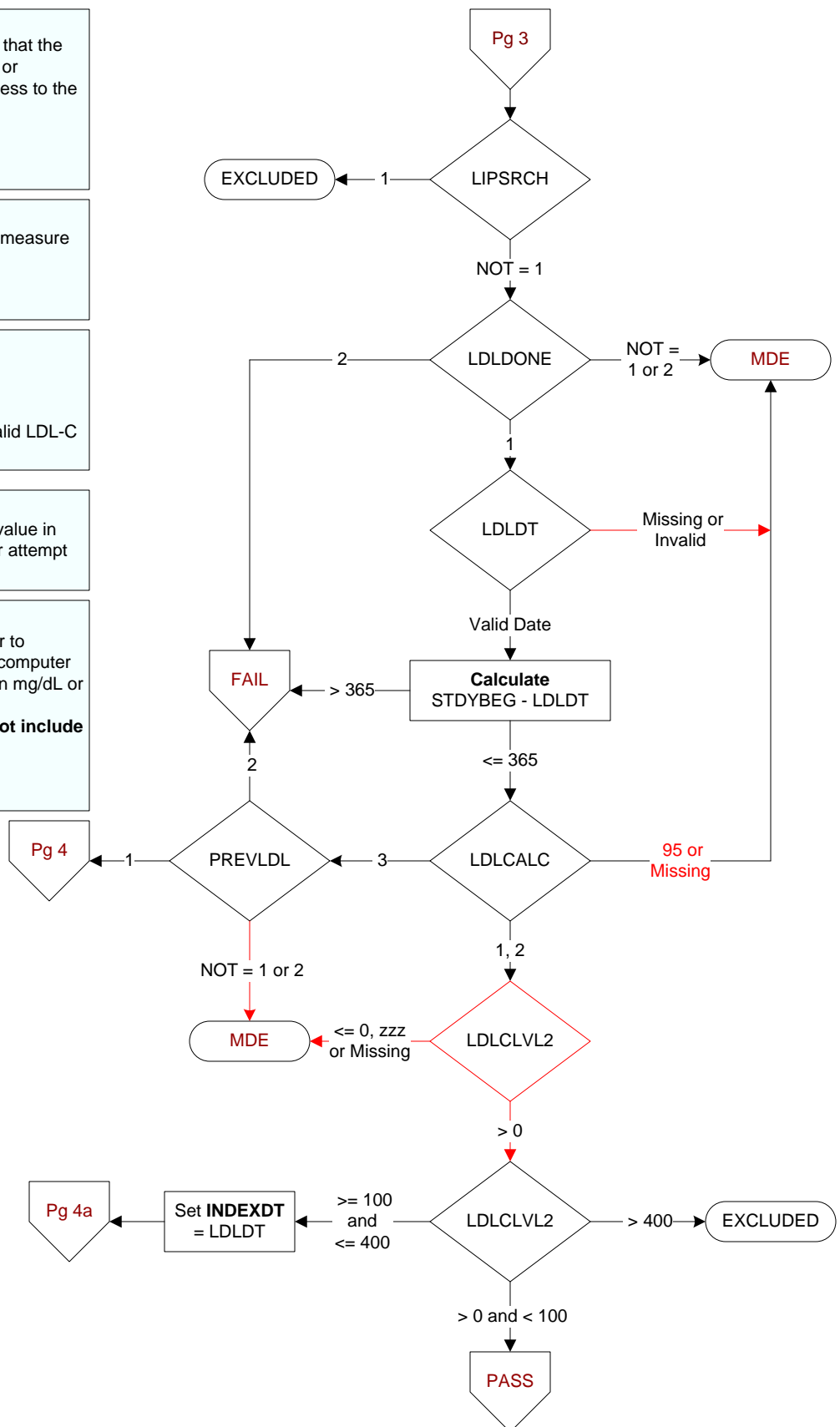
PREVLDL (Shared)
During the timeframe from (computer to display date = stdybeg – 1 year) to (computer to display ldldt – 1 day), was a LDL in mg/dL or mg/100mg obtained?
(Disregard any report that does not include an actual LDL value.)
1. Yes
2. No

LDLCLVL2 (Shared)
Enter the value of the LDL-C measured on this date.

Pg 3

LIPSRCH —1→ EXCLUDED

NOT = 1

LDLDONE —2→
LDLDONE —NOT = 1 or 2→ MDE

1

LDLDT —Missing or Invalid→

Valid Date

Calculate STDYBEG - LDLDT —> 365→ FAIL

<= 365

LDLCALC —95 or Missing→ MDE

LDLCALC —3→ PREVLDL

PREVLDL —1→ Pg 4

PREVLDL —2→ FAIL

PREVLDL —NOT = 1 or 2→ MDE

LDLCALC —1, 2→

LDLCLVL2 —<= 0, zzz or Missing→ MDE

> 0

LDLCLVL2 —> 400→ EXCLUDED

LDLCLVL2 —>= 100 and <= 400→ Set **INDEXDT** = LDLDT → Pg 4a

> 0 and < 100

PASS

PREVALDL (Shared)
Enter the date the <u>most recent</u> LDL value in mg/dL or mg/100ml was obtained.

PRELDLDT (Shared)
Enter the date the most recent LDL value in mg/dL or mg/100ml was obtained.

POSTLDL (Shared)
After the study end date and up to the review date, was a LDL test obtained? **(Disregard any report that does not include an actual LDL value.)**

Pg 4

PREVALDL → <= 0, zzz or Missing → MDE

> 0

PREVALDL → > 0 and < 100 → PASS
PREVALDL → > 400 → EXCLUDED

> = 100 and <= 400

PRELDLDT → Missing or Invalid
PRELDLDT → Valid Date → Set **INDEXDT** = PRELDLDT

Pg 4a

POSTLDL → NOT = 1 or 2 → MDE
POSTLDL → 1 → POSTLDLDT
POSTLDL → 2

POSTLDLDT → Missing or Invalid
POSTLDLDT → Valid Date →

calculate POSTLDLDT - INDEXDT → > 90
calculate POSTLDLDT - INDEXDT → < 0

>= 0 and <= 90

POSTVALDL → <= 0 → MDE
POSTVALDL → >= 100
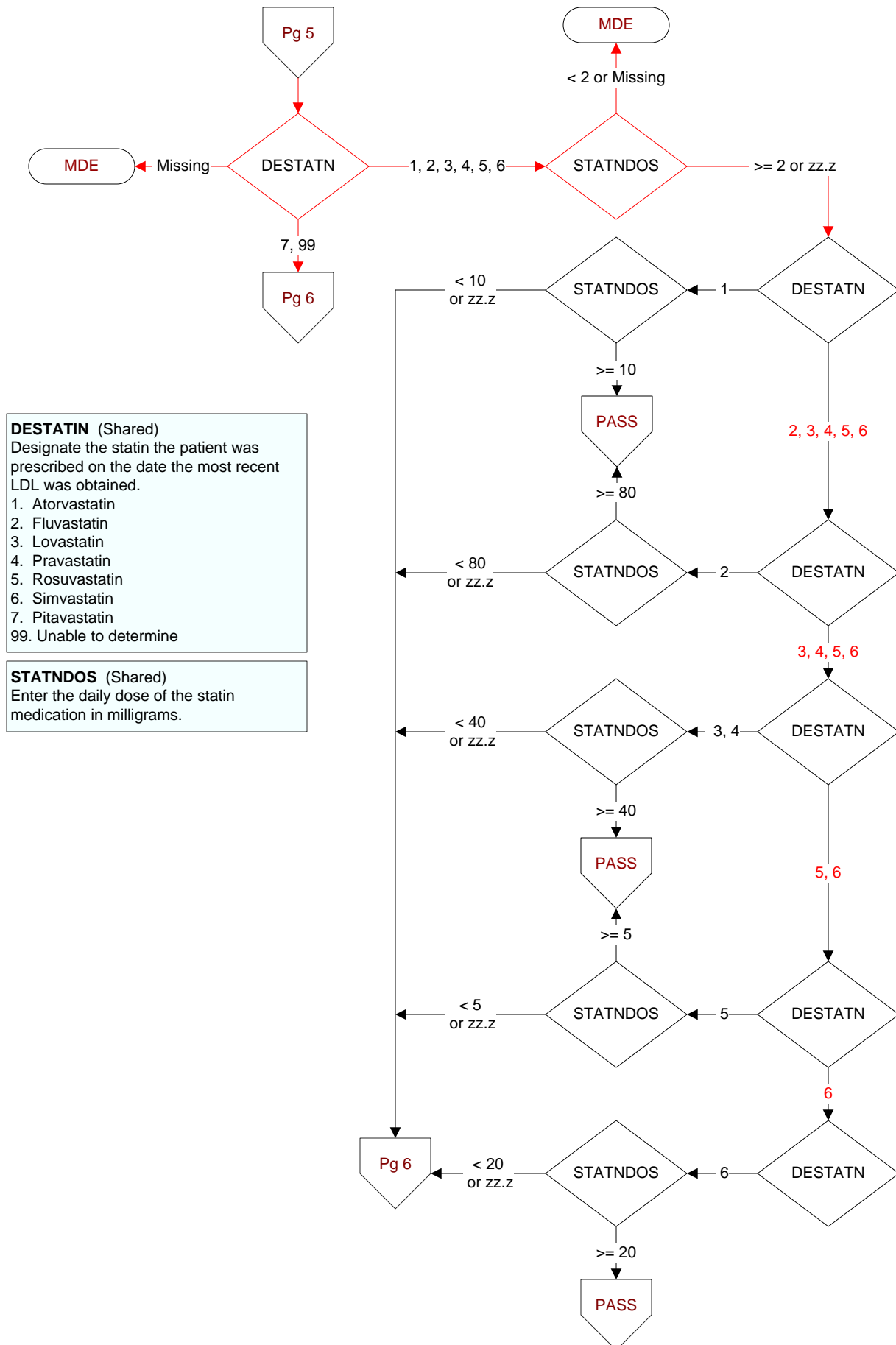POSTVALDL → > 0 and < 100 → PASS

POSTLDLDT (Shared)
Enter the date the first LDL value in mg/dL or mg/100ml was obtained after the study end date and up to the review date.

POSTVALDL (Shared)
Enter the LDL value in mg/dL or mg/100ml measured on this date.

LDLSTATN (Shared)
On (display LSTLDLDT), the date entered for the most recent LDL value, does the record document the patient was currently prescribed (or taking) a statin medication?
1. Yes
2. No
3. Yes, a statin was currently prescribed AND there is documentation the patient was not taking the statin on the date the most recent LDL was obtained

ADNEWSTA (Shared)
On (display LSTLDLDT) until (display LSTDLDT +90 days), was a new statin medication added?
1. Yes
2. No

LDLSTATN → 1, 3 → Pg 5
LDLSTATN → NOT = 1, 2, 3 → MDE
LDLSTATN → 2

ADNEWSTA → 2 → FAIL
ADNEWSTA → NOT = 1 or 2 → MDE
ADNEWSTA → 1 → Pg 7

Pg 5

MDE

< 2 or Missing

MDE ◄— Missing — DESTATN — 1, 2, 3, 4, 5, 6 ►— STATNDOS — >= 2 or zz.z

7, 99

Pg 6

< 10 or zz.z ◄— STATNDOS ◄— 1 — DESTATN

>= 10

PASS

>= 80

2, 3, 4, 5, 6

< 80 or zz.z ◄— STATNDOS ◄— 2 — DESTATN

3, 4, 5, 6

< 40 or zz.z ◄— STATNDOS ◄— 3, 4 — DESTATN

>= 40

PASS

>= 5

5, 6

< 5 or zz.z ◄— STATNDOS ◄— 5 — DESTATN

6

Pg 6 ◄— < 20 or zz.z — STATNDOS ◄— 6 — DESTATN

>= 20

PASS

DESTATIN (Shared)
Designate the statin the patient was
prescribed on the date the most recent
LDL was obtained.
1. Atorvastatin
2. Fluvastatin
3. Lovastatin
4. Pravastatin
5. Rosuvastatin
6. Simvastatin
7. Pitavastatin
99. Unable to determine

STATNDOS (Shared)
Enter the daily dose of the statin
medication in milligrams.

ADNEWSTA (Shared)
On (display LSTLDLDT) until (display LSTDLDT + 90 days and <= REVDTE), was a new statin medication added??
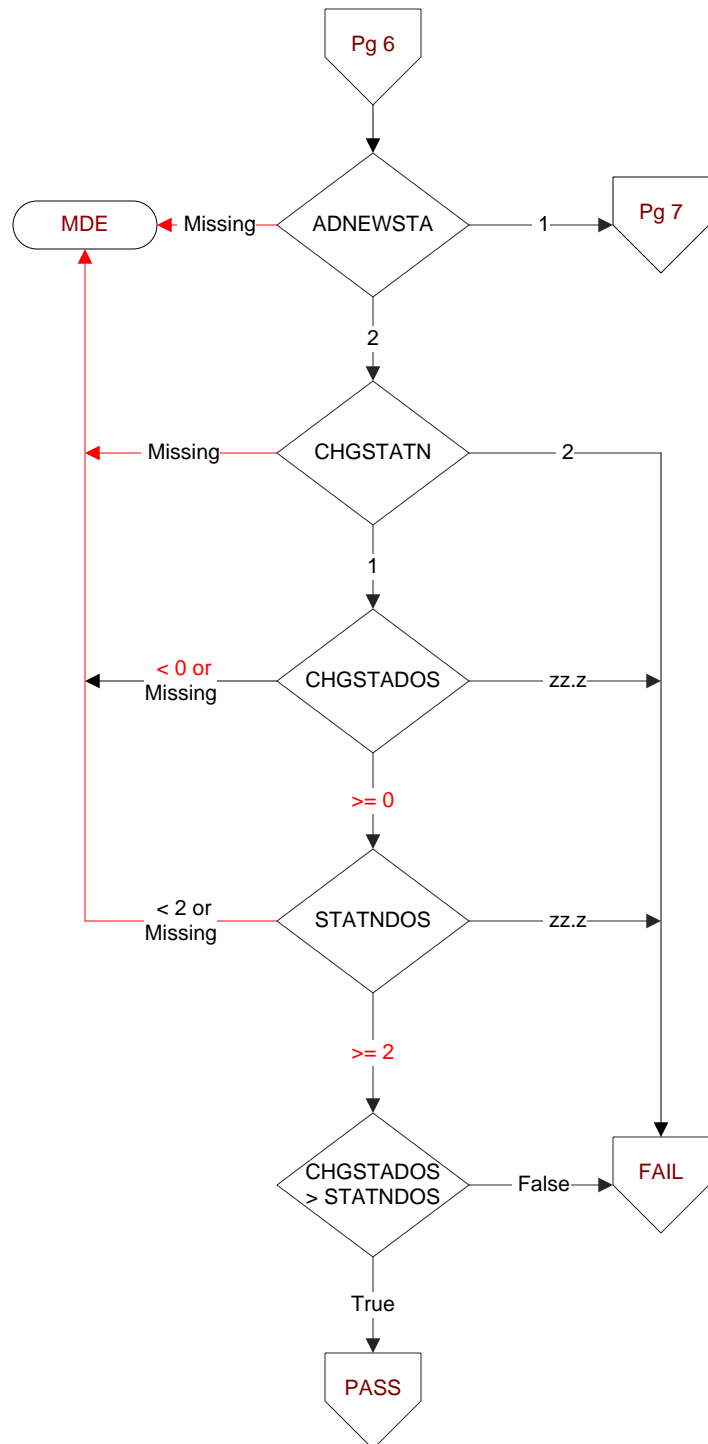1. Yes
2. No

CHGSTATN (Shared)
On (display LSTLDLDT) until (display LSTDLDT + 90 days and <= REVDTE), was the daily dose of the statin medication changed?
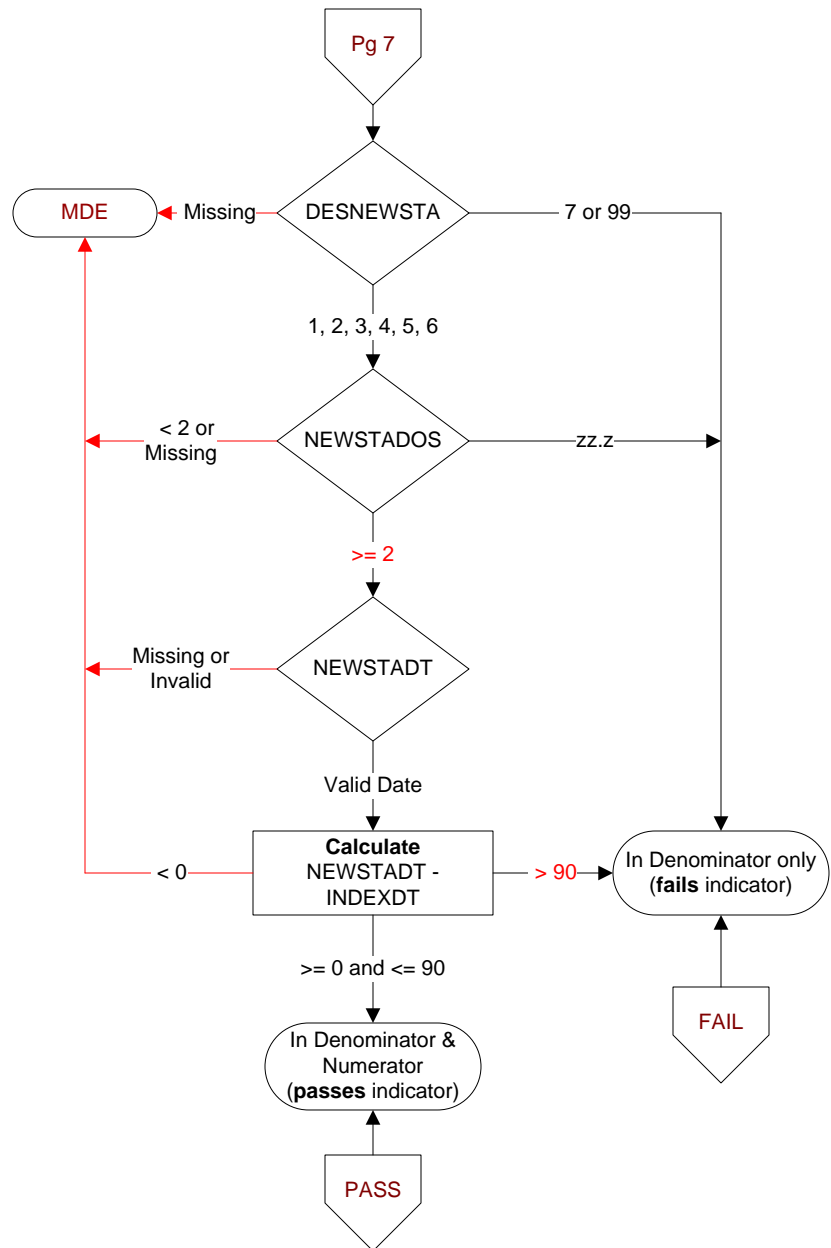1. Yes
2. No

CHGSTADOS (Shared)
Enter the new daily dose of the statin medication in milligrams.
- If the first change made to the statin dose was discontinuation of the statin, enter 00.0.
- If the dose is unable to be determined, enter default zz.z

Pg 6

ADNEWSTA
- Missing → MDE
- 1 → Pg 7
- 2 → CHGSTATN

CHGSTATN
- Missing →
- 2 →
- 1 → CHGSTADOS

CHGSTADOS
- < 0 or Missing →
- zz.z →
- >= 0 → STATNDOS

STATNDOS
- < 2 or Missing → MDE
- zz.z →
- >= 2 → CHGSTADOS > STATNDOS

CHGSTADOS > STATNDOS
- False → FAIL
- True → PASS

Pg 7

DESNEWSTA

MDE ◄ Missing

7 or 99

1, 2, 3, 4, 5, 6

NEWSTADOS

< 2 or Missing

zz.z

>= 2

NEWSTADT

Missing or Invalid

Valid Date

Calculate NEWSTADT - INDEXDT

< 0

> 90

In Denominator only (**fails** indicator)

>= 0 and <= 90

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

FAIL

PASS

DESNEWSTA (Shared)
Designate the statin medication that was newly prescribed during the 90 days after the most recent LDL was obtained?
1. Atorvastatin
2. Fluvastatin
3. Lovastatin
4. Pravastatin
5. Rosuvastatin
6. Simvastatin
7. Pitavastatin
99. Unable to determine

NEWSTADOS (Shared)
Enter the new dose of the statin agent in milligrams.

NEWSTADT (Shared)
Enter the date the new statin medication was prescribed.