The incidence of dysglycaemia, dyslipidaemia and changes in body composition in HIV-infected subjects initiated on antiretroviral treatment in the Free State: A cohort study - Secondline

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# Demographics

Gender of the respondents

gender

Freq

percentage

cumulative frequency

cumulative percentage

F

155

58.5

155

58.5

M

110

41.5

265

100.0

missing = 0

Age of the respondents

N

Mean

standard devaition

minimum

maximum

265

42.43

9.73

28

74

missing = 0

take meds regularly for hypertention

take\_meds\_regularly\_Hypertention

Freq

percentage

cumulative frequency

cumulative percentage

N

199

77.7

199

77.7

Y

57

22.3

256

100.0

missing = 9

take meds regularly for Diabetes mellitus

take\_meds\_regularly\_Diabetes\_mellitus

Freq

percentage

cumulative frequency

cumulative percentage

N

247

98.4

247

98.4

Y

4

1.6

251

100.0

missing = 14

take meds regularly for High blood Cholesterol

take\_meds\_regularly\_High\_blood\_cholesterol

Freq

percentage

cumulative frequency

cumulative percentage

N

247

98.4

247

98.4

Y

4

1.6

251

100.0

missing = 14

take meds regularly for other diseases

take\_meds\_regularly\_other

Freq

percentage

cumulative frequency

cumulative percentage

N

179

71

179

71

Y

73

29

252

100

missing = 13

take meds regularly for other diseases specify

take\_meds\_regularly\_others\_specify

Freq

percentage

cumulative frequency

cumulative percentage

ANTI-ANXIETY AND ARVS

1

1.8

1

1.8

ARTHRITIS

1

1.8

2

3.6

ARTHRITIS, ANXIETY

1

1.8

3

5.4

ARVS

3

5.5

6

10.9

ASTHMA

2

3.6

8

14.5

CA IM MARCH 2020 HYSTERECTOMY DONE MARCH 2020

1

1.8

9

16.3

CANCER

1

1.8

10

18.1

CHECK UP ROUTINE

9

16.4

19

34.5

CHOLESTEROL

1

1.8

20

36.3

DEPRESSION

1

1.8

21

38.1

DEPRESSION SINCE 2018

1

1.8

22

39.9

EPILEPSY

1

1.8

23

41.7

HIV

2

3.6

25

45.3

HIV+

12

21.8

37

67.1

HIV+ CHECK UP

1

1.8

38

68.9

HIV+ ON ARVS RX

1

1.8

39

70.7

HIV+ ON RX

7

12.7

46

83.4

HIV+ ON RX SINCE

1

1.8

47

85.2

HIV+ ON RX SINCE 2018

1

1.8

48

87.0

HIV+ TREATMENT

1

1.8

49

88.8

IMMUNO COMPROMISED

1

1.8

50

90.6

IMMUNOCOMPROMISED

2

3.6

52

94.2

ROUTINE

1

1.8

53

96.0

ROUTINE CHECK UP

2

3.6

55

99.6

1. Do you have a disability or impairment

* problems\_with\_meds
* Freq
* percentage
* cumulative frequency
* cumulative percentage
* N
* 10
* 90.9
* 10
* 90.9
* Y
* 1
* 9.1
* 11
* 100.0
* missing = 254

details of disabilities or impairments

problems\_with\_meds\_details

Freq

percentage

cumulative frequency

cumulative percentage

WEIGHT GAIN

1

100

1

100

missing = 264

Need information about meds

need\_information\_about\_meds

Freq

percentage

cumulative frequency

cumulative percentage

N

9

90

9

90

Y

1

10

10

100

missing = 255

Disability impairment

disability\_impairment

Freq

percentage

cumulative frequency

cumulative percentage

N

254

97.3

254

97.3

Y

7

2.7

261

100.0

missing = 4

Disability impairment specify

disability\_impairment\_specify

Freq

percentage

cumulative frequency

cumulative percentage

14/12/2019 CHECK UP FREEDOM SQUARRE CLINIC

1

0.4

1

0.4

4/7/2019 CHECK UP POLY C

1

0.4

2

0.8

BLURRED VISION

1

0.4

3

1.2

CHECK UP POLY C SEP2019

1

0.4

4

1.6

HEARING AID

1

0.4

5

2.0

MAJOR DEPRESSION

1

0.4

6

2.4

NONE

3

1.1

9

3.5

PARENT

1

0.4

10

3.9

REDUSED SIGHT

1

0.4

11

4.3

ROUTINE CHECK UP POLY C DEC 2019, DENTIST JAN 2020

1

0.4

12

4.7

STROKE LIMPING RIGHT SIDE WEAK

1

0.4

13

5.1

NA

248

95.0

261

100.1

# Have any immediate family or deceased relative (parents, siblings) had any of the folowing conditions

Family history of heart disease

family\_history\_heartdiseasespecify

Freq

percentage

cumulative frequency

cumulative percentage

N

227

85.7

227

85.7

Y

38

14.3

265

100.0

missing = 0

Family history of heart disease specify members

family\_history\_heartdisease

Freq

percentage

cumulative frequency

cumulative percentage

AUNT

1

2.5

1

2.5

FATHER

2

5.0

3

7.5

GRANDMOTHER

3

7.5

6

15.0

MOTHER

11

27.5

17

42.5

PARENT

17

42.5

34

85.0

SIBLING

4

10.0

38

95.0

SISTER

2

5.0

40

100.0

Family history of stroke

family\_history\_stroke

Freq

percentage

cumulative frequency

cumulative percentage

N

251

94.7

251

94.7

Y

14

5.3

265

100.0

missing = 0

Family history of stroke member specify

family\_history\_strokespecify

Freq

percentage

cumulative frequency

cumulative percentage

BROTHER

1

7.1

1

7.1

COUSIN

1

7.1

2

14.2

GRANDMOTHER

2

14.3

4

28.5

MOTHER

4

28.6

8

57.1

PARENT

3

21.4

11

78.5

SIBLING

1

7.1

12

85.6

SISTER

1

7.1

13

92.7

UNCLE

1

7.1

14

99.8

Family history of Cancer

family\_history\_cancer

Freq

percentage

cumulative frequency

cumulative percentage

N

245

92.5

245

92.5

Y

20

7.5

265

100.0

missing = 0

Family history of Cancer member specify

family\_history\_cancerspecify

Freq

percentage

cumulative frequency

cumulative percentage

AUNT

1

4.5

1

4.5

COUSIN

1

4.5

2

9.0

GRANDFATHER

1

4.5

3

13.5

GRANDMOTHER

1

4.5

4

18.0

MOTHER

8

36.4

12

54.4

PARENT

3

13.6

15

68.0

SIBLING

1

4.5

16

72.5

SISTER

5

22.7

21

95.2

UNCLE

1

4.5

22

99.7

Family history of HTN or HBP

family\_history\_HTNorHBP

Freq

percentage

cumulative frequency

cumulative percentage

N

116

43.8

116

43.8

Y

149

56.2

265

100.0

missing = 0

Family history of diabetes

family\_history\_diabetes

Freq

percentage

cumulative frequency

cumulative percentage

N

186

70.2

186

70.2

Y

79

29.8

265

100.0

missing = 0

Family history of diabetes member specify

family\_history\_diabetesspecify

Freq

percentage

cumulative frequency

cumulative percentage

AUNT

1

1.2

1

1.2

AUNT

6

7.1

7

8.3

AUNT AND UNCLE

1

1.2

8

9.5

BOTH PARENTS

1

1.2

9

10.7

BROTHER

5

5.9

14

16.6

FATHER

5

5.9

19

22.5

GRANDMOTHER

7

8.2

26

30.7

MOTHER

23

27.1

49

57.8

PARENT

21

24.7

70

82.5

SIBLING

6

7.1

76

89.6

SISTER

8

9.4

84

99.0

WIFE

1

1.2

85

100.2

# Respondents lifestyle

1.7 Do you smoke tobacco?

1.7 Do you smoke tobacco?

Freq

percentage

cumulative frequency

cumulative percentage

N

153

57.7

153

57.7

Y

112

42.3

265

100.0

missing = 0

1. how many cigarettes do you smoke per day?
   1. how many cigarettes do you smoke per day?
   * Freq
   * percentage
   * cumulative frequency
   * cumulative percentage
   * 0
   * 1
   * 0.9
   * 1
   * 0.9
   * 1
   * 14
   * 12.2
   * 15
   * 13.1
   * 10
   * 10
   * 8.7
   * 25
   * 21.8
   * 17
   * 1
   * 0.9
   * 26
   * 22.7
   * 2
   * 13
   * 11.3
   * 39
   * 34.0
   * 20
   * 2
   * 1.7
   * 41
   * 35.7
   * 3
   * 19
   * 16.5
   * 60
   * 52.2
   * 4
   * 16
   * 13.9
   * 76
   * 66.1
   * 5
   * 13
   * 11.3
   * 89
   * 77.4
   * 6
   * 9
   * 7.8
   * 98
   * 85.2
   * 7
   * 5
   * 4.3
   * 103
   * 89.5
   * 8
   * 7
   * 6.1
   * 110
   * 95.6
   * 9
   * 3
   * 2.6
   * 113
   * 98.2
   * SNUFF
   * 2
   * 1.7
   * 115
   * 99.9
   * missing = 150
2. should you smoke or use tabacco in any other form, please elaborate
   1. should you smoke or use tabacco in any other form, please elaborate
   * Freq
   * percentage
   * cumulative frequency
   * cumulative percentage
   * BUBBLY
   * 1
   * 1.8
   * 1
   * 1.8
   * CIGARERRES
   * 1
   * 1.8
   * 2
   * 3.6
   * CIGARETTES
   * 9
   * 15.8
   * 11
   * 19.4
   * CIGATETTES
   * 1
   * 1.8
   * 12
   * 21.2
   * ELECTRONIC CIGARETTE
   * 1
   * 1.8
   * 13
   * 23.0
   * ROLLED CIGARETTES
   * 19
   * 33.3
   * 32
   * 56.3
   * SNUFF
   * 24
   * 42.1
   * 56
   * 98.4
   * Y
   * 1
   * 1.8
   * 57
   * 100.2
   * missing = 208
3. if no, have you smoked in the past
   1. have you smoked in the past?
   * Freq
   * percentage
   * cumulative frequency
   * cumulative percentage
4. If yes, when did you quit?
   1. If yes, when did you quit?
   * Freq
   * percentage
   * cumulative frequency
   * cumulative percentage
   * 1996
   * 1
   * 5.9
   * 1
   * 5.9
   * 2000
   * 1
   * 5.9
   * 2
   * 11.8
   * 2001
   * 1
   * 5.9
   * 3
   * 17.7
   * 2005
   * 1
   * 5.9
   * 4
   * 23.6
   * 2013
   * 1
   * 5.9
   * 5
   * 29.5
   * 2015
   * 1
   * 5.9
   * 6
   * 35.4
   * 2016
   * 1
   * 5.9
   * 7
   * 41.3
   * 2018
   * 3
   * 17.6
   * 10
   * 58.9
   * 2019
   * 2
   * 11.8
   * 12
   * 70.7
   * 2020
   * 5
   * 29.4
   * 17
   * 100.1
   * missing = 247

1.8 Do you drink alcohol?

1.8 Do you drink alcohol?

Freq

percentage

cumulative frequency

cumulative percentage

N

107

40.4

107

40.4

Y

158

59.6

265

100.0

missing = 0

If yes, how often have you had 6 or more units (female), or 8 or more (male), on a single occasion in the last year?

alcohol intake

Freq

percentage

cumulative frequency

cumulative percentage

0

2

1.3

2

1.3

1

42

26.6

44

27.9

2

52

32.9

96

60.8

3

60

38.0

156

98.8

4

2

1.3

158

100.1

missing = 0

are you aware of the recommended mazimum units of alcoho; per day?

are you aware of the recommended mazimum units of alcoho; per day?

Freq

percentage

cumulative frequency

cumulative percentage

N

5

45.5

5

45.5

Y

6

54.5

11

100.0

missing = 254

if no, would you like more information in this?

if no, would you like more information in this?

Freq

percentage

cumulative frequency

cumulative percentage

N

4

80

4

80

Y

1

20

5

100

missing = 254

1.9 Do you use drugs?

1.9 Do you use drugs?

Freq

percentage

cumulative frequency

cumulative percentage

N

241

90.9

241

90.9

Y

24

9.1

265

100.0

missing = 0

22.Were you ever diagnosed with diabetes during pregnancy? (females):

diagnosed\_with\_diabete\_females

Freq

percentage

cumulative frequency

cumulative percentage

N

144

97.3

144

97.3

Y

4

2.7

148

100.0

missing = 14

1. How many years of your life have you spent in the city?

* N
* Mean
* Std. deviation
* Minimum
* Maximum
* 254
* 29.5
* 16.15
* 2
* 72
* missing = 11

1. Improving diet
   1. information and support on\_improvingdiet
   * Freq
   * percentage
   * cumulative frequency
   * cumulative percentage
   * N
   * 198
   * 75.9
   * 198
   * 75.9
   * Y
   * 63
   * 24.1
   * 261
   * 100.0
   * missing = 4
2. Increase physical activity
   1. information and support on\_increasephysicalactivity
   * Freq
   * percentage
   * cumulative frequency
   * cumulative percentage
   * N
   * 198
   * 75.6
   * 198
   * 75.6
   * Y
   * 64
   * 24.4
   * 262
   * 100.0
   * missing = 3

24.Stoping or reducing smoking

1. information and support on\_stopingreducingsmoking

* Freq
* percentage
* cumulative frequency
* cumulative percentage
* N
* 222
* 85.1
* 222
* 85.1
* Y
* 39
* 14.9
* 261
* 100.0
* missing = 4

1. reduce alcohol in-take
   1. information and support on\_reducealcoholintake
   * Freq
   * percentage
   * cumulative frequency
   * cumulative percentage
   * N
   * 240
   * 92.3
   * 240
   * 92.3
   * Y
   * 20
   * 7.7
   * 260
   * 100.0
   * missing = 5
2. Stoping reducing drug usage
   1. information and support on\_stopreducedrugs
   * Freq
   * percentage
   * cumulative frequency
   * cumulative percentage
   * N
   * 258
   * 98.5
   * 258
   * 98.5
   * Y
   * 4
   * 1.5
   * 262
   * 100.0
   * missing = 3

# memorial symptom assessment scale

difficulty concentrating

difficulty concentrating

Freq

percentage

cumulative frequency

cumulative percentage

0

9

3.4

9

3.4

1

1

0.4

10

3.8

2

4

1.5

14

5.3

N

248

94.7

262

100.0

missing = 3

pain

pain

Freq

percentage

cumulative frequency

cumulative percentage

0

11

4.2

11

4.2

1

5

1.9

16

6.1

2

15

5.7

31

11.8

3

31

11.7

62

23.5

4

2

0.8

64

24.3

N

200

75.8

264

100.1

missing = 1

lack of energy

lack of energy

Freq

percentage

cumulative frequency

cumulative percentage

0

11

4.2

11

4.2

1

2

0.8

13

5.0

2

3

1.1

16

6.1

3

2

0.8

18

6.9

4

2

0.8

20

7.7

N

245

92.5

265

100.2

missing = 0

cough

cough

Freq

percentage

cumulative frequency

cumulative percentage

0

11

4.2

11

4.2

1

1

0.4

12

4.6

2

3

1.1

15

5.7

3

3

1.1

18

6.8

N

247

93.2

265

100.0

missing = 0

changes in skin

changes in skin

Freq

percentage

cumulative frequency

cumulative percentage

0

11

4.2

11

4.2

1

1

0.4

12

4.6

2

1

0.4

13

5.0

4

2

0.8

15

5.8

N

250

94.3

265

100.1

missing = 0

dry mouth

dry mouth

Freq

percentage

cumulative frequency

cumulative percentage

0

10

3.8

10

3.8

2

2

0.8

12

4.6

N

253

95.5

265

100.1

missing = 0

nausea

nausea

Freq

percentage

cumulative frequency

cumulative percentage

0

11

4.2

11

4.2

2

5

1.9

16

6.1

3

1

0.4

17

6.5

N

247

93.6

264

100.1

missing = 1

feeling drowsy

feeling drowsy

Freq

percentage

cumulative frequency

cumulative percentage

0

11

4.2

11

4.2

2

1

0.4

12

4.6

N

252

95.5

264

100.1

missing = 1

numbness or tingling in hands and feet

numbness\_tingling in hands and feet

Freq

percentage

cumulative frequency

cumulative percentage

0

11

4.2

11

4.2

1

2

0.8

13

5.0

3

1

0.4

14

5.4

N

251

94.7

265

100.1

missing = 0

difficulty sleeping

difficulty sleeping

Freq

percentage

cumulative frequency

cumulative percentage

0

10

3.8

10

3.8

1

2

0.8

12

4.6

2

6

2.3

18

6.9

3

7

2.7

25

9.6

N

238

90.5

263

100.1

missing = 2

feeling bloated

feeling bloated

Freq

percentage

cumulative frequency

cumulative percentage

0

11

4.2

11

4.2

1

2

0.8

13

5.0

2

1

0.4

14

5.4

3

3

1.1

17

6.5

N

248

93.6

265

100.1

missing = 0

problems with urination

problems with urination

Freq

percentage

cumulative frequency

cumulative percentage

0

10

3.8

10

3.8

1

1

0.4

11

4.2

3

1

0.4

12

4.6

N

252

95.1

264

99.7

Y

1

0.4

265

100.1

missing = 0

vomiting

vomiting

Freq

percentage

cumulative frequency

cumulative percentage

0

11

4.2

11

4.2

N

254

95.8

265

100.0

missing = 0

shortness of breath

shortness of breath

Freq

percentage

cumulative frequency

cumulative percentage

0

11

4.2

11

4.2

2

2

0.8

13

5.0

N

252

95.1

265

100.1

missing = 0

diarrhea

diarrhea

Freq

percentage

cumulative frequency

cumulative percentage

0

11

4.2

11

4.2

3

1

0.4

12

4.6

N

253

95.5

265

100.1

missing = 0

sweats

sweats

Freq

percentage

cumulative frequency

cumulative percentage

0

11

4.2

11

4.2

2

5

1.9

16

6.1

3

2

0.8

18

6.9

4

1

0.4

19

7.3

N

246

92.8

265

100.1

missing = 0

mouth sores

mouth sores

Freq

percentage

cumulative frequency

cumulative percentage

0

11

4.2

11

4.2

1

1

0.4

12

4.6

2

1

0.4

13

5.0

N

251

95.1

264

100.1

missing = 1

problems with sexual interest or activity

problems with sexual interest or activity

Freq

percentage

cumulative frequency

cumulative percentage

0

10

3.8

10

3.8

2

1

0.4

11

4.2

N

252

95.8

263

100.0

missing = 2

itching

itching

Freq

percentage

cumulative frequency

cumulative percentage

0

11

4.2

11

4.2

2

2

0.8

13

5.0

N

252

95.1

265

100.1

missing = 0

lack of appetite

lack of appetite

Freq

percentage

cumulative frequency

cumulative percentage

0

10

3.8

10

3.8

1

1

0.4

11

4.2

2

5

1.9

16

6.1

3

3

1.1

19

7.2

4

1

0.4

20

7.6

N

244

92.4

264

100.0

missing = 1

dizziness

dizziness

Freq

percentage

cumulative frequency

cumulative percentage

0

10

3.8

10

3.8

1

3

1.1

13

4.9

2

11

4.2

24

9.1

3

4

1.5

28

10.6

4

1

0.4

29

11.0

N

236

89.1

265

100.1

missing = 0

difficulty swallowing

difficulty swallowing

Freq

percentage

cumulative frequency

cumulative percentage

0

11

4.2

11

4.2

N

254

95.8

265

100.0

missing = 0

change in the way food taste

change in the way food taste

Freq

percentage

cumulative frequency

cumulative percentage

0

11

4.2

11

4.2

N

254

95.8

265

100.0

missing = 0

weight loss

weight loss

Freq

percentage

cumulative frequency

cumulative percentage

0

11

4.2

11

4.2

1

3

1.1

14

5.3

2

2

0.8

16

6.1

3

3

1.1

19

7.2

N

246

92.8

265

100.0

missing = 0

hair loss

hair loss

Freq

percentage

cumulative frequency

cumulative percentage

0

11

4.2

11

4.2

N

254

95.8

265

100.0

missing = 0

constipation

constipation

Freq

percentage

cumulative frequency

cumulative percentage

0

11

4.2

11

4.2

2

5

1.9

16

6.1

N

248

93.9

264

100.0

missing = 1

swelling of arms or legs

swelling of arms or legs

Freq

percentage

cumulative frequency

cumulative percentage

0

11

4.2

11

4.2

2

3

1.1

14

5.3

3

1

0.4

15

5.7

4

1

0.4

16

6.1

N

247

93.9

263

100.0

missing = 2

i don’t look like myself

i don’t look like myself

Freq

percentage

cumulative frequency

cumulative percentage

0

11

4.2

11

4.2

N

251

95.4

262

99.6

Y

1

0.4

263

100.0

missing = 2

any other symptoms during the past week?

any other symptoms during the past week?

Freq

percentage

cumulative frequency

cumulative percentage

0

10

3.8

10

3.8

1

1

0.4

11

4.2

2

5

1.9

16

6.1

CHEST PAIN

1

0.4

17

6.5

EXCEEMA

1

0.4

18

6.9

N

218

82.3

236

89.2

SHORT BRATH

1

0.4

237

89.6

Y

28

10.6

265

100.2

missing = 0

any other symptom specify

any\_other\_symptom\_specify

Freq

percentage

cumulative frequency

cumulative percentage

0

3

6.7

3

6.7

2

2

4.4

5

11.1

3

1

2.2

6

13.3

ABSCESS

1

2.2

7

15.5

CRAMPS

1

2.2

8

17.7

CRAMPS INUTERUS

1

2.2

9

19.9

DIZZINESS

1

2.2

10

22.1

EAR ACHE

1

2.2

11

24.3

EYE SORE

1

2.2

12

26.5

GAINED WEIGHT

1

2.2

13

28.7

GOUT

1

2.2

14

30.9

HAEMORRHOIDS

2

4.4

16

35.3

HEADACHE

5

11.1

21

46.4

HEARTBURN

2

4.4

23

50.8

INSOMNIA

1

2.2

24

53.0

NECK SPASMS

1

2.2

25

55.2

NO WEIGHT GAIN

1

2.2

26

57.4

OPERATION

1

2.2

27

59.6

PALPITATIONS

1

2.2

28

61.8

R EAR R EYE

1

2.2

29

64.0

SINUSES

1

2.2

30

66.2

SINUSITIS BLOCKED NOSE

1

2.2

31

68.4

STOMACH ULCER

1

2.2

32

70.6

STRESS

1

2.2

33

72.8

TIREDNESS

1

2.2

34

75.0

WEIGHT GAIN

9

20.0

43

95.0

WEIGHT GAIN, HEADACHE

1

2.2

44

97.2

WEIGHT NORMAL

1

2.2

45

99.4

missing = 220

# Other commonly listed symptoms. please indicate if you have had the symptoms

commonly listed symptoms feeling sad

commonly\_listed\_symptoms\_feelingsad

Freq

percentage

cumulative frequency

cumulative percentage

1

11

4.2

11

4.2

2

3

1.1

14

5.3

3

3

1.1

17

6.4

4

1

0.4

18

6.8

N

244

92.8

262

99.6

Y

1

0.4

263

100.0

missing = 2

commonly listed symptoms worrying

commonly\_listed\_symptoms\_worrying

Freq

percentage

cumulative frequency

cumulative percentage

1

13

5.0

13

5.0

2

15

5.7

28

10.7

3

20

7.6

48

18.3

4

4

1.5

52

19.8

N

209

79.8

261

99.6

Y

1

0.4

262

100.0

missing = 3

commonly listed symptoms feeling irritable

commonly\_listed\_symptoms\_feelingirritable

Freq

percentage

cumulative frequency

cumulative percentage

1

11

4.2

11

4.2

2

6

2.3

17

6.5

3

3

1.1

20

7.6

4

1

0.4

21

8.0

N

244

92.1

265

100.1

missing = 0

commonly listed symptoms feeling nervous

commonly\_listed\_symptoms\_feelingnervous

Freq

percentage

cumulative frequency

cumulative percentage

1

12

4.5

12

4.5

2

3

1.1

15

5.6

3

1

0.4

16

6.0

4

1

0.4

17

6.4

N

247

93.6

264

100.0

missing = 1

# Type 2 Diabetes risk assessment

At what age were you diagnosed with diabetes

N

Mean

Std. deviation

Minimum

Maximum

0

NaN

NA

Inf

-Inf

missing = 265

Age

type2Diabetes\_age

Freq

percentage

cumulative frequency

cumulative percentage

0P

166

65.6

166

65.6

2P

63

24.9

229

90.5

3P

24

9.5

253

100.0

missing = 12

BMI

type2Diabetes\_BMI

Freq

percentage

cumulative frequency

cumulative percentage

0P

111

44.8

111

44.8

1P

53

21.4

164

66.2

3P

82

33.1

246

99.3

ERROR

2

0.8

248

100.1

missing = 17

waist circumfrance - men

type2Diabetes\_waistCircum\_men

Freq

percentage

cumulative frequency

cumulative percentage

0P

86

81.1

86

81.1

2P

1

0.9

87

82.0

3P

12

11.3

99

93.3

4P

7

6.6

106

99.9

missing = 159

waist circumfrance - women

type2Diabetes\_waistCircum\_women

Freq

percentage

cumulative frequency

cumulative percentage

0P

29

20.1

29

20.1

3P

28

19.4

57

39.5

4P

87

60.4

144

99.9

missing = 121

30 mins of physical activities

type2Diabetes\_physicalactivities

Freq

percentage

cumulative frequency

cumulative percentage

0P

65

25.8

65

25.8

2P

187

74.2

252

100.0

missing = 13

Eating vegetable fruits and berries

type2Diabetes\_eatvegsfruitsberries

Freq

percentage

cumulative frequency

cumulative percentage

0P

53

21.0

53

21.0

1P

198

78.6

251

99.6

2P

1

0.4

252

100.0

missing = 13

taken meds for high blood pressure

type2Diabetes\_medsforHBP

Freq

percentage

cumulative frequency

cumulative percentage

0P

194

77.0

194

77.0

1P

1

0.4

195

77.4

2P

57

22.6

252

100.0

missing = 13

have you ever been found to have high blood pressure

type2Diabetes\_foundtohaveHBG

Freq

percentage

cumulative frequency

cumulative percentage

0P

246

97.6

246

97.6

5P

6

2.4

252

100.0

missing = 13

immediate family been diagnosed with diabetes

type2Diabetes\_diabetes

Freq

percentage

cumulative frequency

cumulative percentage

0P

176

69.6

176

69.6

3P

17

6.7

193

76.3

5P

60

23.7

253

100.0

missing = 12

which immediate family members diagnosed with diabetes

type2Diabetes\_familyhistorydiabetes

Freq

percentage

cumulative frequency

cumulative percentage

0P

1

1.2

1

1.2

AUNT

9

10.8

10

12.0

BROTHER

10

12.0

20

24.0

FIRST COUSIN

1

1.2

21

25.2

GRANDPARENT

6

7.2

27

32.4

PARENT

44

53.0

71

85.4

SISTER

10

12.0

81

97.4

UNCLE

2

2.4

83

99.8

missing = 189

Temperature

N

Mean

Std. deviation

Minimum

Maximum

264

36.31

0.38

35

37.2

missing = 1

has the subject fasted at least since 22:00?

has the subject fasted at least since 22:00?

Freq

percentage

cumulative frequency

cumulative percentage

Y

248

100

248

100

missing = 17

fasting capillary glucose(finger prick)

N

Mean

Std. deviation

Minimum

Maximum

255

4.68

1

3.4

15.2

missing = 10

Urine Multistix Leucocytes

urineMultistix\_leucocytes

Freq

percentage

cumulative frequency

cumulative percentage

LARGE +++

1

0.4

1

0.4

LARGE+++

6

2.4

7

2.8

MODERATE ++

1

0.4

8

3.2

MODERATE++

1

0.4

9

3.6

NEGATIVE

222

89.2

231

92.8

NO URINE

1

0.4

232

93.2

NO URINE OBTAINED

2

0.8

234

94.0

NO URINE PASSED

2

0.8

236

94.8

NO URINE TAKEN

1

0.4

237

95.2

NOT AVAILABLE

1

0.4

238

95.6

SMALL+

3

1.2

241

96.8

TRACE

8

3.2

249

100.0

missing = 16

Urine Multistix Nitrite

urineMultistix\_nitrite

Freq

percentage

cumulative frequency

cumulative percentage

NEGATIVE

235

97.5

235

97.5

POSITIVE

6

2.5

241

100.0

missing = 24

Urine Multistix Urobilinogen

urineMultistix\_urobilinogen

Freq

percentage

cumulative frequency

cumulative percentage

0.2

239

98.8

239

98.8

1.0

2

0.8

241

99.6

2.0

1

0.4

242

100.0

missing = 23

Urine Multistix Protein

urineMultistix\_protein

Freq

percentage

cumulative frequency

cumulative percentage

>2000++++

1

0.4

1

0.4

100++

1

0.4

2

0.8

30+

2

0.8

4

1.6

NEGATIVE

235

97.5

239

99.1

TRACE

2

0.8

241

99.9

missing = 24

Urine Multistix pH

N

Mean

Std. deviation

Minimum

Maximum

243

5.63

0.62

5

7

missing = 22

Urine Multistix Blood

urineMultistix\_blood

Freq

percentage

cumulative frequency

cumulative percentage

HAEMIL TRACE

2

0.8

2

0.8

HAEMOL TRACE

3

1.2

5

2.0

HN TRACE

1

0.4

6

2.4

MODERATE ++

2

0.8

8

3.2

MODERATE++

3

1.2

11

4.4

N

2

0.8

13

5.2

NEGATIVE

205

85.4

218

90.6

NH MODERATE

5

2.1

223

92.7

NH TRACE

15

6.2

238

98.9

SMALL+

2

0.8

240

99.7

missing = 25

Urine Multistix Specific gravity

urineMultistix\_specificgravity

Freq

percentage

cumulative frequency

cumulative percentage

1

5

2.1

5

2.1

1.005

14

5.8

19

7.9

1.01

33

13.6

52

21.5

1.015

52

21.4

104

42.9

1.02

77

31.7

181

74.6

1.025

47

19.3

228

93.9

1.03

15

6.2

243

100.1

missing = 22

Urine Multistix Ketones

urineMultistix\_ketones

Freq

percentage

cumulative frequency

cumulative percentage

LARGE80

1

0.4

1

0.4

NEGATIVE

230

95.0

231

95.4

SMALL15

3

1.2

234

96.6

TRACE

1

0.4

235

97.0

TRACE 5

3

1.2

238

98.2

TRACE5

4

1.7

242

99.9

missing = 23

Urine Multistix Bilirubin

urineMultistix\_bilirubin

Freq

percentage

cumulative frequency

cumulative percentage

NEGATIVE

240

99.2

240

99.2

SMALL+

2

0.8

242

100.0

missing = 23

Urine Multistix Glucose

urineMultistix\_glucose

Freq

percentage

cumulative frequency

cumulative percentage

100

5

2.1

5

2.1

NEGATIVE

235

96.7

240

98.8

NORMAL

3

1.2

243

100.0

missing = 22

Height

N

Mean

Std. deviation

Minimum

Maximum

265

2.84

13.88

1.44

163.5

missing = 0

Weight

N

Mean

Std. deviation

Minimum

Maximum

265

71.99

17.58

37.5

133.7

missing = 0

Waist circumfrance

N

Mean

Std. deviation

Minimum

Maximum

262

87.4

16.13

25.5

145

missing = 3

Waist circumfrance

N

Mean

Std. deviation

Minimum

Maximum

262

30.66

7.75

20

109

missing = 3

omron Body composition BMI

N

Mean

Std. deviation

Minimum

Maximum

254

28.4

18.29

17

293.4

missing = 11

omron Body composition bodyfat

N

Mean

Std. deviation

Minimum

Maximum

260

34.33

15.94

2

60.6

missing = 5

omron Body composition body water

N

Mean

Std. deviation

Minimum

Maximum

196

29.77

18.69

4.8

258.3

missing = 69

omron Body composition visaerak fat

N

Mean

Std. deviation

Minimum

Maximum

247

7.58

4

1

26

missing = 18

omron Body composition metabolic rate

N

Mean

Std. deviation

Minimum

Maximum

247

1545.17

913.46

1076

15526

missing = 18

omron Body composition Muscle

N

Mean

Std. deviation

Minimum

Maximum

51

29.29

8.93

16.9

44.8

missing = 214

# Blood pressure after 5min seated:right arn supported and cuff at level of the heart

Blood pressure: SBP1

N

Mean

Std. deviation

Minimum

Maximum

265

124.48

57.6

77

1008

missing = 0

Blood pressure: DBP1

N

Mean

Std. deviation

Minimum

Maximum

265

80.69

11.66

59

141

missing = 0

# NHLS results:

NHLS haematology HB

N

Mean

Std. deviation

Minimum

Maximum

256

14.01

1.91

6.6

21.6

missing = 5

NHLS chemicalpathology creatinine

N

Mean

Std. deviation

Minimum

Maximum

260

74.18

20.44

20

294

missing = 5

NHLS glucose Fasting

N

Mean

Std. deviation

Minimum

Maximum

260

4.87

1.01

3.3

14.7

missing = 5

NHLS glucose 30 min

N

Mean

Std. deviation

Minimum

Maximum

260

6.54

1.82

3.2

19.6

missing = 5

NHLS blood Chem glucose 120min

N

Mean

Std. deviation

Minimum

Maximum

260

5.06

2.11

1.6

24.9

missing = 5

NHLS blood Chem insulin Fasting

N

Mean

Std. deviation

Minimum

Maximum

260

11.36

14.2

0.6

96.1

missing = 5

NHLS blood Chem insulin 30min

N

Mean

Std. deviation

Minimum

Maximum

259

75.08

54.13

6.3

283.5

missing = 6

NHLS blood Chem insulin 120min

N

Mean

Std. deviation

Minimum

Maximum

260

36.71

33.96

0.4

233.5

missing = 5

NHLS HbA1C NGSP

N

Mean

Std. deviation

Minimum

Maximum

253

5.4

0.61

4.5

11.6

missing = 10

NHLS HbA1C IFCC

N

Mean

Std. deviation

Minimum

Maximum

253

35.51

6.74

26

103

missing = 12

NHLS HbA1C eAG

N

Mean

Std. deviation

Minimum

Maximum

253

6.01

0.98

4.6

15.9

missing = 12

NHLS uricacid

N

Mean

Std. deviation

Minimum

Maximum

258

0.29

0.09

0.11

0.6

missing = 7

NHLS lipids total cholestrol

N

Mean

Std. deviation

Minimum

Maximum

260

4.25

0.86

2.09

6.72

missing = 5

NHLS lipids triglyceride

N

Mean

Std. deviation

Minimum

Maximum

260

1.09

0.59

0.27

6.4

missing = 5

NHLS lipids HDL cholesterol

N

Mean

Std. deviation

Minimum

Maximum

260

1.39

0.4

0.58

3.06

missing = 5

NHLS lipids LDL cholesterol

N

Mean

Std. deviation

Minimum

Maximum

260

2.52

0.79

0.59

4.82

missing = 5

NHLS haematinics Ferritin

N

Mean

Std. deviation

Minimum

Maximum

260

115.68

127.55

5

1066

missing = 5

NHLS serum HBindex

NHLS\_serumHBindex

Freq

percentage

cumulative frequency

cumulative percentage

1+

15

5.8

15

5.8

2+

3

1.2

18

7.0

trace

239

93.0

257

100.0

missing = 8

NHLS serum HBindex

NHLS\_serumBilirubinindex

Freq

percentage

cumulative frequency

cumulative percentage

1+

3

1.2

3

1.2

trace

254

98.8

257

100.0

missing = 8

NHLS serum HBindex

NHLS\_serumlipaemiaIndex

Freq

percentage

cumulative frequency

cumulative percentage

not detected

256

99.6

256

99.6

TRACE

1

0.4

257

100.0

missing = 8

NHLS urine creatinine

N

Mean

Std. deviation

Minimum

Maximum

252

11.68

7

1.2

44.1

missing = 6

NHLS urine albumin

N

Mean

Std. deviation

Minimum

Maximum

188

18.31

24.49

1.9

158.08

missing = 15

NHLS urine albumin Creatratio

N

Mean

Std. deviation

Minimum

Maximum

185

2

3.8

0.2

31.7

missing = 20

NHLS urine Protein

N

Mean

Std. deviation

Minimum

Maximum

226

0.15

0.3

0.011

4.01

missing = 17

NHLS urine Protein

N

Mean

Std. deviation

Minimum

Maximum

220

0.01

0.03

0.003

0.213

missing = 23

Respondents occupation

occupation

Freq

percentage

cumulative frequency

cumulative percentage

ADMIN

1

0.4

1

0.4

ALUMINUM

1

0.4

2

0.8

car wash

1

0.4

3

1.2

CAR WASH

1

0.4

4

1.6

CARE WORKER

4

1.7

8

3.3

CASHIER

7

3.0

15

6.3

CLEANER

6

2.6

21

8.9

CLERK

1

0.4

22

9.3

CONSTRUCTION

1

0.4

23

9.7

CONTRACT WORKER

1

0.4

24

10.1

CONTROL

1

0.4

25

10.5

COUNSELOR

2

0.9

27

11.4

DAY CARE

1

0.4

28

11.8

DOMESTIC WORK

1

0.4

29

12.2

DOMESTIC WORKER

3

1.3

32

13.5

DRIVER

2

0.9

34

14.4

EMPLOYED

9

3.9

43

18.3

EMPLOYED TRAILOR

1

0.4

44

18.7

FINANCE

1

0.4

45

19.1

GARAGE

1

0.4

46

19.5

GENERAL WORK

2

0.9

48

20.4

GENERAL WORKER

6

2.6

54

23.0

LAUNDRY

1

0.4

55

23.4

MANAGER

1

0.4

56

23.8

MECHANDISER

1

0.4

57

24.2

NANNY

1

0.4

58

24.6

NURSE

1

0.4

59

25.0

OPERATIONS

1

0.4

60

25.4

PENSIONER

2

0.9

62

26.3

PETROL ATTENDENT

1

0.4

63

26.7

POST OFFICE

1

0.4

64

27.1

RECEPTIONIST

1

0.4

65

27.5

SECURITY

4

1.7

69

29.2

SELF EMPLOYED

4

1.7

73

30.9

STUDENT

1

0.4

74

31.3

TAXI DRIVER

1

0.4

75

31.7

TRANSNET

1

0.4

76

32.1

TRUCK ASSISTANT

1

0.4

77

32.5

UNEMPLOYED

153

66.2

230

98.7

WELDING

1

0.4

231

99.1

Respondents marital Status

maritalStatus

Freq

percentage

cumulative frequency

cumulative percentage

DIVORCED

1

0.5

1

0.5

MARRIED

62

30.4

63

30.9

NONE

1

0.5

64

31.4

SINGLE

139

68.1

203

99.5

WIDOW

1

0.5

204

100.0

number of dependants

N

Mean

Std. deviation

Minimum

Maximum

4

1

1.15

0

2

home language

home language

Freq

percentage

cumulative frequency

cumulative percentage

AFRIKAANS

11

4.7

11

4.7

ISIXHOSA

1

0.4

12

5.1

ISIXHOSO

1

0.4

13

5.5

SHONA

1

0.4

14

5.9

SOTHO

175

74.5

189

80.4

TSWANA

26

11.1

215

91.5

XHOSA

20

8.5

235

100.0

# HIV screening

rapidtest: what is HIV or AIDS

rapidtest\_whatisHIVAIDS

Freq

percentage

cumulative frequency

cumulative percentage

Y

9

100

9

100

missing = 256

rapidtest it has been explained to you how the test is done

explianed how test is done

Freq

percentage

cumulative frequency

cumulative percentage

Y

9

100

9

100

missing = 256

rapidtest the advantages of the test been explained to you

advantages explained

Freq

percentage

cumulative frequency

cumulative percentage

Y

9

100

9

100

missing = 256

rapidtest the disadvantages of the test been explained to you

disadvantages explained

Freq

percentage

cumulative frequency

cumulative percentage

Y

9

100

9

100

missing = 256

rapidtest it has been explianed to you

has been explianed

Freq

percentage

cumulative frequency

cumulative percentage

Y

9

100

9

100

missing = 256

rapidtest what a negative result means

negative results

Freq

percentage

cumulative frequency

cumulative percentage

Y

9

100

9

100

missing = 256

rapidtest what is meant by the window period

window period

Freq

percentage

cumulative frequency

cumulative percentage

Y

9

100

9

100

missing = 256

rapidtest the importance of positive living

importance of positive living

Freq

percentage

cumulative frequency

cumulative percentage

Y

9

100

9

100

missing = 256

rapidtest it has been explianed what shared

explianed what is shared

Freq

percentage

cumulative frequency

cumulative percentage

Y

9

100

9

100

missing = 256

rapidtest available resources for positive

resources for positive

Freq

percentage

cumulative frequency

cumulative percentage

Y

9

100

9

100

missing = 256

rapidtest the importance of disclosing my HIV status

disclosing my status

Freq

percentage

cumulative frequency

cumulative percentage

Y

9

100

9

100

missing = 256

# TB screening

Tbscreening coughfor morethan 2 weeks

cough for 2weeks

Freq

percentage

cumulative frequency

cumulative percentage

N

9

100

9

100

missing = 256

Tbscreening unexplianed weight loss

unexplianed weight loss

Freq

percentage

cumulative frequency

cumulative percentage

N

9

100

9

100

missing = 256

Tbscreening night sweats

night sweats

Freq

percentage

cumulative frequency

cumulative percentage

N

9

100

9

100

missing = 256

Tbscreening loss of appetite

loss of appetite

Freq

percentage

cumulative frequency

cumulative percentage

N

9

100

9

100

missing = 256

Tbscreening fever of unexplianed origin

fever of unexplianed origin

Freq

percentage

cumulative frequency

cumulative percentage

N

9

100

9

100

missing = 256

Tbscreening fever of unexplianed origin

rapidtest\_done

Freq

percentage

cumulative frequency

cumulative percentage

Y

10

100

10

100

missing = 255

# COVID-19 screening

COVID-19 screening Gender

covid\_gender

Freq

percentage

cumulative frequency

cumulative percentage

F

127

57.7

127

57.7

M

93

42.3

220

100.0

missing = 45

COVID-19 screening Temperature

N

Mean

Std. deviation

Minimum

Maximum

190

36.37

2.42

30.2

68

missing = 75

COVID-19 screening Fever

covid\_fever

Freq

percentage

cumulative frequency

cumulative percentage

M

1

0.5

1

0.5

N

217

99.5

218

100.0

missing = 47

COVID-19 screening Sore throat

covid\_sorethroat

Freq

percentage

cumulative frequency

cumulative percentage

M

1

0.5

1

0.5

N

218

99.5

219

100.0

missing = 46

COVID-19 screening Cough

covid\_cough

Freq

percentage

cumulative frequency

cumulative percentage

N

218

99.5

218

99.5

Y

1

0.5

219

100.0

missing = 46

COVID-19 Chills

covid\_chills

Freq

percentage

cumulative frequency

cumulative percentage

N

127

99.2

127

99.2

Y

1

0.8

128

100.0

missing = 137

COVID-19 screening difficult breathing

covid\_difficult breathing

Freq

percentage

cumulative frequency

cumulative percentage

N

194

100

194

100

missing = 71

COVID-19 screening Diarrhoea

covid\_diarrhoea

Freq

percentage

cumulative frequency

cumulative percentage

N

171

99.4

171

99.4

Y

1

0.6

172

100.0

missing = 93

COVID-19 screening Diabetes

covid\_diabetes

Freq

percentage

cumulative frequency

cumulative percentage

N

186

98.9

186

98.9

Y

2

1.1

188

100.0

missing = 0

COVID-19 screening Diabetes

covid\_asthma

Freq

percentage

cumulative frequency

cumulative percentage

N

180

98.9

180

98.9

Y

2

1.1

182

100.0

missing = 83

COVID-19 screening High blood pressure

covid\_highbloodpressure

Freq

percentage

cumulative frequency

cumulative percentage

N

158

84

158

84

Y

30

16

188

100

missing = 77

COVID-19 screening Respiratory illness

covid\_respiratory illness

Freq

percentage

cumulative frequency

cumulative percentage

N

188

100

188

100

missing = 77

COVID-19 screening Cancer

covid\_cancer

Freq

percentage

cumulative frequency

cumulative percentage

N

136

100

136

100

missing = 129

COVID-19 screening Travel to other provinces

covid\_recent travel to other provinces

Freq

percentage

cumulative frequency

cumulative percentage

N

218

99.5

218

99.5

Y

1

0.5

219

100.0

missing = 46

COVID-19 screening contact with confirmed COVID19

covid\_any contact with confirmed covid19

Freq

percentage

cumulative frequency

cumulative percentage

N

218

100

218

100

missing = 47

COVID-19 screening Where you admited to hospital

covid\_where you admited at hospital

Freq

percentage

cumulative frequency

cumulative percentage

N

219

100

219

100

missing = 46