Appendix

This appendix was part of the submitted manuscript and has been peer reviewed. It is posted as supplied by the authors.

Appendix 1. Diabetes screening used in the study and additional tests requested for participants with abnormal results†

Not fasted (n=208)

HbA₁c < 5.7%; < 39 mmol/mol (n=78)
- RPG missing (n=9)
  - RPG < 5.5 mmol/L (n=65)
  - RPG ≥ 5.5 – < 11.1 mmol/L (n=4)
  - RPG ≥ 11.1 mmol/L (n=0)
- Not likely to be diabetic
  - Rescreen in 12 months (n=74)

HbA₁c ≥ 5.7 – < 6.5%; ≥ 39 – < 48 mmol/mol (n=116)
- RPG missing (n=10)
  - RPG < 5.5 mmol/L (n=80)
  - RPG ≥ 5.5 – < 11.1 mmol/L (n=25)
  - RPG ≥ 11.1 mmol/L (n=1)
- Perform FPG & repeat HbA₁c (n=51)

HbA₁c ≥ 6.5%; ≥ 48 mmol/mol (n=14)
- RPG missing (n=1)
  - RPG < 5.5 mmol/L (n=3)
  - RPG ≥ 5.5 – < 11.1 mmol/L (n=8)
  - RPG ≥ 11.1 mmol/L (n=2)
- Progress to OGTT & repeat HbA₁c (n=83)

Fasted (n = 47)

HbA₁c < 5.7%; < 39 mmol/mol (n=13)
- FPG missing (n=0)
  - FPG < 5.5 mmol/L (n=13)
  - FPG ≥ 5.5 – < 7.0 mmol/L (n=0)
  - FPG ≥ 7.0 mmol/L (n=0)
- Not likely to be diabetic
  - Rescreen in 12 months (n=13)

HbA₁c ≥ 5.7 – < 6.5%; ≥ 39 – < 48 mmol/mol (n=29)
- Repeat FPG & HbA₁c (n=0)
  - FPG < 5.5 mmol/L (n=24)
  - FPG ≥ 5.5 – < 7.0 mmol/L (n=5)
  - FPG ≥ 7.0 mmol/L (n=0)
- Progress to OGTT & repeat HbA₁c (n=34)

HbA₁c ≥ 6.5%; ≥ 48 mmol/mol (n=5)
- FPG missing (n=0)
  - FPG < 5.5 mmol/L (n=2)
  - FPG ≥ 5.5 – < 7.0 mmol/L (n=3)
  - FPG ≥ 7.0 mmol/L (n=0)

HbA₁c = glycated haemoglobin A1. RPG = random plasma glucose. FPG = fasting plasma glucose. OGTT = oral glucose tolerance test. POC = point-of-care.

† Follow-up tests requested was initially based on first laboratory (n=248) or POC HbA₁c measurement if the laboratory test was not completed (n=7). For participants with missing glucose tests (n=20) if both laboratory and POC HbA₁c measurements were normal no further tests were requested (n=9).