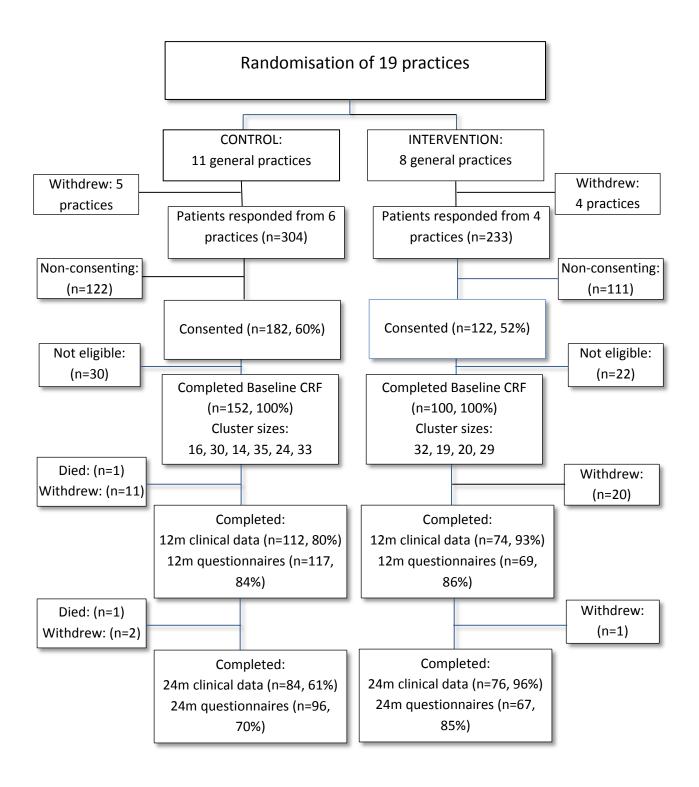
## Participant flow



## **Baseline Characteristics**

Baseline characteristics of practices and participants with established T2D allocated to usual care (control) or to a rolling group education programme and care planning sessions. Values are means (standard deviations) unless stated otherwise.

Characteristics   (n=152)   (n=100)     Mean (range) age (years)   66.8 (37-88)   66.1 (28-86)     % (No) women   43 (65)   42 (42)     % (No) white European   95 (143)   96 (96)     Missing   1   1     Haemoglobin A <sub>1c</sub> : %   7.7 (0.8)   7.7 (0.8)     mmol/mol   60.3 (8.9)   60.7 (8.5)     Body weight (kg)   89.9 (19.1)   89.5 (17.9)     Total cholesterol (mmol/l)   4.2 (1.0)   4.3 (1.1)     High density lipoprotein cholesterol (mmol/l)   1.2 (0.3)   1.3 (0.3)     Missing   0   12     Low density lipoprotein cholesterol (mmol/l)   2.1 (0.8)   2.0 (0.7)     Missing   3   25     Triglycerides (mmol/l)   2.0 (1.1)   2.1 (2.0)     Missing   0   1     Systolic blood pressure (mm Hg)   139.6 (16.1)   138.0 (18.8)     Missing   1   2     Diastolic blood pressure (mm Hg)   85.0 (11.3)   84.2 (10.6)			-
Mean (range) age (years) 66.8 (37-88) 66.1 (28-86)   % (No) women 43 (65) 42 (42)   % (No) white European 95 (143) 96 (96)   Missing 1 1   Haemoglobin A <sub>1</sub> : % 7.7 (0.8) 7.7 (0.8)   mmol/mol 60.3 (8.9) 60.7 (8.5)   Body weight (kg) 89.9 (19.1) 89.5 (17.9)   Total cholesterol (mmol/l) 4.2 (1.0) 4.3 (1.1)   High density lipoprotein cholesterol (mmol/l) 1.2 (0.3) 1.3 (0.3)   Missing 0 12   Low density lipoprotein cholesterol (mmol/l) 2.1 (0.8) 2.0 (0.7)   Missing 3 25   Triglycerides (mmol/l) 2.0 (1.1) 2.1 (2.0)   Missing 0 1   Systolic blood pressure (mm Hg) 139.6 (16.1) 138.0 (18.8)   Missing 1 2   Diastolic blood pressure (mm Hg) 85.0 (11.3) 84.2 (10.6)	Characteristics	Control group	Intervention group
% (No) women 43 (65) 42 (42)   % (No) white European 95 (143) 96 (96)   Missing 1 1   Haemoglobin A <sub>1c</sub> : % 7.7 (0.8) 7.7 (0.8)   mmol/mol 60.3 (8.9) 60.7 (8.5)   Body weight (kg) 89.9 (19.1) 89.5 (17.9)   Total cholesterol (mmol/l) 4.2 (1.0) 4.3 (1.1)   High density lipoprotein cholesterol (mmol/l) 1.2 (0.3) 1.3 (0.3)   Missing 0 12   Low density lipoprotein cholesterol (mmol/l) 2.1 (0.8) 2.0 (0.7)   Missing 3 25   Triglycerides (mmol/l) 2.0 (1.1) 2.1 (2.0)   Missing 0 1   Systolic blood pressure (mm Hg) 139.6 (16.1) 138.0 (18.8)   Missing 1 2   Diastolic blood pressure (mm Hg) 85.0 (11.3) 84.2 (10.6)	Characteristics	(n=152)	(n=100)
% (No) white European 95 (143) 96 (96)   Missing 1 1   Haemoglobin A <sub>1c</sub> : % mmol/mol 7.7 (0.8) 7.7 (0.8)   Body weight (kg) 89.9 (19.1) 89.5 (17.9)   Total cholesterol (mmol/l) 4.2 (1.0) 4.3 (1.1)   High density lipoprotein cholesterol (mmol/l) 1.2 (0.3) 1.3 (0.3)   Missing 0 12   Low density lipoprotein cholesterol (mmol/l) 2.1 (0.8) 2.0 (0.7)   Missing 3 25   Triglycerides (mmol/l) 2.0 (1.1) 2.1 (2.0)   Missing 0 1   Systolic blood pressure (mm Hg) 139.6 (16.1) 138.0 (18.8)   Missing 1 2   Diastolic blood pressure (mm Hg) 85.0 (11.3) 84.2 (10.6)	Mean (range) age (years)	66.8 (37-88)	66.1 (28-86)
Missing 1 1   Haemoglobin A <sub>1c</sub> : % 7.7 (0.8) 7.7 (0.8)   mmol/mol 60.3 (8.9) 60.7 (8.5)   Body weight (kg) 89.9 (19.1) 89.5 (17.9)   Total cholesterol (mmol/l) 4.2 (1.0) 4.3 (1.1)   High density lipoprotein cholesterol (mmol/l) 1.2 (0.3) 1.3 (0.3)   Missing 0 12   Low density lipoprotein cholesterol (mmol/l) 2.1 (0.8) 2.0 (0.7)   Missing 3 25   Triglycerides (mmol/l) 2.0 (1.1) 2.1 (2.0)   Missing 0 1   Systolic blood pressure (mm Hg) 139.6 (16.1) 138.0 (18.8)   Missing 1 2   Diastolic blood pressure (mm Hg) 85.0 (11.3) 84.2 (10.6)	% (No) women	43 (65)	42 (42)
Haemoglobin A <sub>1c</sub> : % 7.7 (0.8) 7.7 (0.8)   mmol/mol 60.3 (8.9) 60.7 (8.5)   Body weight (kg) 89.9 (19.1) 89.5 (17.9)   Total cholesterol (mmol/l) 4.2 (1.0) 4.3 (1.1)   High density lipoprotein cholesterol (mmol/l) 1.2 (0.3) 1.3 (0.3)   Missing 0 12   Low density lipoprotein cholesterol (mmol/l) 2.1 (0.8) 2.0 (0.7)   Missing 3 25   Triglycerides (mmol/l) 2.0 (1.1) 2.1 (2.0)   Missing 0 1   Systolic blood pressure (mm Hg) 139.6 (16.1) 138.0 (18.8)   Missing 1 2   Diastolic blood pressure (mm Hg) 85.0 (11.3) 84.2 (10.6)	% (No) white European	95 (143)	96 (96)
mmol/mol   60.3 (8.9)   60.7 (8.5)     Body weight (kg)   89.9 (19.1)   89.5 (17.9)     Total cholesterol (mmol/l)   4.2 (1.0)   4.3 (1.1)     High density lipoprotein cholesterol (mmol/l)   1.2 (0.3)   1.3 (0.3)     Missing   0   12     Low density lipoprotein cholesterol (mmol/l)   2.1 (0.8)   2.0 (0.7)     Missing   3   25     Triglycerides (mmol/l)   2.0 (1.1)   2.1 (2.0)     Missing   0   1     Systolic blood pressure (mm Hg)   139.6 (16.1)   138.0 (18.8)     Missing   1   2     Diastolic blood pressure (mm Hg)   85.0 (11.3)   84.2 (10.6)	Missing	1	1
Body weight (kg) 89.9 (19.1) 89.5 (17.9)   Total cholesterol (mmol/l) 4.2 (1.0) 4.3 (1.1)   High density lipoprotein cholesterol (mmol/l) 1.2 (0.3) 1.3 (0.3)   Missing 0 12   Low density lipoprotein cholesterol (mmol/l) 2.1 (0.8) 2.0 (0.7)   Missing 3 25   Triglycerides (mmol/l) 2.0 (1.1) 2.1 (2.0)   Missing 0 1   Systolic blood pressure (mm Hg) 139.6 (16.1) 138.0 (18.8)   Missing 1 2   Diastolic blood pressure (mm Hg) 85.0 (11.3) 84.2 (10.6)	Haemoglobin A <sub>1c</sub> : %	7.7 (0.8)	7.7 (0.8)
Total cholesterol (mmol/l) 4.2 (1.0) 4.3 (1.1)   High density lipoprotein cholesterol (mmol/l) 1.2 (0.3) 1.3 (0.3)   Missing 0 12   Low density lipoprotein cholesterol (mmol/l) 2.1 (0.8) 2.0 (0.7)   Missing 3 25   Triglycerides (mmol/l) 2.0 (1.1) 2.1 (2.0)   Missing 0 1   Systolic blood pressure (mm Hg) 139.6 (16.1) 138.0 (18.8)   Missing 1 2   Diastolic blood pressure (mm Hg) 85.0 (11.3) 84.2 (10.6)	mmol/mol	60.3 (8.9)	60.7 (8.5)
High density lipoprotein cholesterol (mmol/l) 1.2 (0.3) 1.3 (0.3)   Missing 0 12   Low density lipoprotein cholesterol (mmol/l) 2.1 (0.8) 2.0 (0.7)   Missing 3 25   Triglycerides (mmol/l) 2.0 (1.1) 2.1 (2.0)   Missing 0 1   Systolic blood pressure (mm Hg) 139.6 (16.1) 138.0 (18.8)   Missing 1 2   Diastolic blood pressure (mm Hg) 85.0 (11.3) 84.2 (10.6)	Body weight (kg)	89.9 (19.1)	89.5 (17.9)
Missing 0 12   Low density lipoprotein cholesterol (mmol/l) 2.1 (0.8) 2.0 (0.7)   Missing 3 25   Triglycerides (mmol/l) 2.0 (1.1) 2.1 (2.0)   Missing 0 1   Systolic blood pressure (mm Hg) 139.6 (16.1) 138.0 (18.8)   Missing 1 2   Diastolic blood pressure (mm Hg) 85.0 (11.3) 84.2 (10.6)	Total cholesterol (mmol/l)	4.2 (1.0)	4.3 (1.1)
Low density lipoprotein cholesterol (mmol/l) 2.1 (0.8) 2.0 (0.7)   Missing 3 25   Triglycerides (mmol/l) 2.0 (1.1) 2.1 (2.0)   Missing 0 1   Systolic blood pressure (mm Hg) 139.6 (16.1) 138.0 (18.8)   Missing 1 2   Diastolic blood pressure (mm Hg) 85.0 (11.3) 84.2 (10.6)	High density lipoprotein cholesterol (mmol/l)	1.2 (0.3)	1.3 (0.3)
Missing 3 25   Triglycerides (mmol/l) 2.0 (1.1) 2.1 (2.0)   Missing 0 1   Systolic blood pressure (mm Hg) 139.6 (16.1) 138.0 (18.8)   Missing 1 2   Diastolic blood pressure (mm Hg) 85.0 (11.3) 84.2 (10.6)	Missing	0	12
Triglycerides (mmol/l) 2.0 (1.1) 2.1 (2.0)   Missing 0 1   Systolic blood pressure (mm Hg) 139.6 (16.1) 138.0 (18.8)   Missing 1 2   Diastolic blood pressure (mm Hg) 85.0 (11.3) 84.2 (10.6)	Low density lipoprotein cholesterol (mmol/l)	2.1 (0.8)	2.0 (0.7)
Missing 0 1   Systolic blood pressure (mm Hg) 139.6 (16.1) 138.0 (18.8)   Missing 1 2   Diastolic blood pressure (mm Hg) 85.0 (11.3) 84.2 (10.6)	Missing	3	25
Systolic blood pressure (mm Hg) 139.6 (16.1) 138.0 (18.8)   Missing 1 2   Diastolic blood pressure (mm Hg) 85.0 (11.3) 84.2 (10.6)	Triglycerides (mmol/l)	2.0 (1.1)	2.1 (2.0)
Missing   1   2     Diastolic blood pressure (mm Hg)   85.0 (11.3)   84.2 (10.6)	Missing	0	1
Diastolic blood pressure (mm Hg) 85.0 (11.3) 84.2 (10.6)	Systolic blood pressure (mm Hg)	139.6 (16.1)	138.0 (18.8)
	Missing	1	2
Missing	Diastolic blood pressure (mm Hg)	85.0 (11.3)	84.2 (10.6)
1 Z	Missing	1	2
Waist circumference (cm) 107.9 (13.8) 106.7 (13.2)	Waist circumference (cm)	107.9 (13.8)	106.7 (13.2)
Hip circumference (cm) 111.7 (12.7) 112.7 (13.8)	Hip circumference (cm)	111.7 (12.7)	112.7 (13.8)
Body mass index (kg/m²) 31.9 (5.9) 32.1 (6.1)	Body mass index (kg/m²)	31.9 (5.9)	32.1 (6.1)
% (No) smokers 12 (18) 5 (5)	% (No) smokers	12 (18)	5 (5)
Missing 4 6	Missing	4	6

#### **Outcome measures**

### **Primary outcome**

	Baseline	Follow-up at 12m	Follow-up at 24m
HbA1c	X	Х	X

## **Secondary outcomes**

	Baseline	Follow-up at 12 m	Follow-up at 24 m
Cholesterol (total, HDL & LDL)	Х	Х	Х
Triglyceride	Х	Х	Х
Blood pressure	Х	Х	Х
Weight	Х	Х	Х
Waist and circumference	Х	Х	Х
EQ-5D (1)	Х	Х	Х
Illness Perceptions Q revised (2)	Х	Х	Х
Diabetes Illness Representations Q (3)	X	Χ	Х
Summary of Diabetes Self Care Activities Q (4)	X	X	Х
Hospital Anxiety & Depression Score (5)	Х	Х	Х
Problem Areas in Diabetes Score (6)	Х	Х	Х
International Physical Activity Q (7)	Х	Х	Х

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# Adverse events

There were no adverse events associated with this trial. Two deaths were reported but these were unassociated with the trial.