**Flow Diagram**

**Effects of E-cigarettes (EC) versus Usual Care (UC) for smoking cessation when offered at homeless centres: a cluster Randomised Controlled Trial (cRCT)**

Allocated to **intervention (EC)**

 16 clusters

Allocated to **control (UC)**

 16 clusters

## Centre Cluster Allocation

Assessed for eligibility (n=480)

Assessed for eligibility (n=480)

## Follow-Up T3

24 weeks

## Follow-Up T2

12 weeks

## Follow-Up T1

4 weeks

## Allocation

Target Quit Date

## Enrollment

 Meet with Researcher

 Smoking status reported

 CO breath test

 Questionnaire measures completed

 Meet with Researcher

 Questionnaires completed

Primary outcome: Continuous abstinence from smoking verified by CO < 8ppm

 Meet with Researcher

 Questionnaires completed

Primary outcome: Continuous abstinence from smoking verified by CO < 8ppm

 Meet with Researcher

 Smoking status reported

 CO breath test

 Questionnaire measures completed

Excluded (e.g. not meeting inclusion criteria, decline to participate)

 Estimated n = 240 (50%) based on feasibility trial

Excluded (e.g. not meeting inclusion criteria, decline to participate)

 Estimated n = 240 (50%) based on feasibility trial

**Process Evaluation:** Participant Interviews N=32; Mechanisms of change

 Meet with Researcher

 Smoking status reported

 CO breath test

 Questionnaire measures completed

**Process Evaluation:** Staff Interviews N=16

context, sustainability, mechanism of change

 Meet with Researcher

 Smoking status reported

 CO breath test;  Questionnaire measures

 Allocated to control (UC) (n= 240; average 15 participants per cluster)

 Quit smoking help-sheet

 Signposting to local SSS

Allocated to intervention (EC) (n= 240; average 15 participants per cluster)

 EC starter kit & 4-weeks supply e-liquid

 EC fact sheet