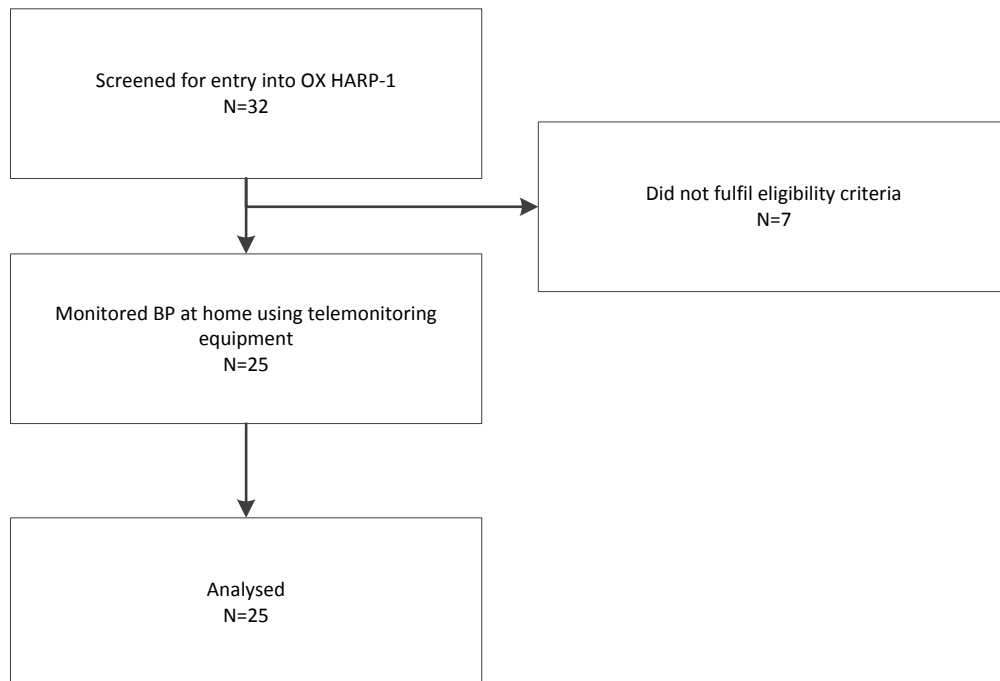


## Participant Flow



## Baseline characteristics

Baseline characteristic*		N (%)
Age (years)	Mean (SD)	58 (11)
	<40	2 (8%)
	>=40 <60	11 (44%)
	>=60	12 (48%)
Sex	Male	21 (84%)
	Female	4 (16%)
Systolic blood pressure	Mean (SD)	152 (16)
	<130	2 (8%)
	>=130 <150	6 (24%)
	>=150	17 (68%)
Diastolic blood pressure	Mean (SD)	82 (13)
	<80	11 (44%)
	>=80 <90	7 (28%)
	>=90	7 (28%)
Estimated GFR (mL/min/1.73m <sup>2</sup> )	Mean (SD)	36 (13)
	<30	11 (44%)
	>=30 <45	9 (36%)
	>=45	5 (20%)
Urine albumin:creatinine ratio (mg/mmol)		
	Median (IQR)	36.6 (101)
	<3	9 (36%)
	>=3 <30	1 (4%)
	>=30	15 (60%)
Cause of kidney disease		
	Diabetes	5 (20%)
	Glomerulonephritis	5 (20%)
	Hypertension	3 (12%)
	Other/unknown	12 (48%)

## Outcome measures

### 1. BP data provided

Baseline characteristic		No. subjects (% of total)	Mean % BP data provided	% subjects providing >90% expected data	% subjects providing >80% expected data
Age (years)					
	<40	2 (8%)	83.0	0.0	100.0
	>=40 <60	11 (44%)	77.5	30.0	50.0
	>=60	12 (48%)	93.3	76.9	92.3
Sex					
	Male	21 (84%)	83.0	57.0	76.0
	Female	4 (16%)	86.8	25.0	50.0
Smartphone owner					
	Yes	17 (68%)	92.2	75.0	87.5
	No	8 (32%)	83.4	38.9	12.2
All		25 (100%)	89.4	52.0	72.0

### 2. System usability scale scores at 1 and 3 months

	1 month	3 months
Mean (SE) SUS score	84.9 (2.8)	84.2 (4.1)
Mean (SE) SUS score smartphone users	87.5 (2.2)	89.9 (2.7)
Mean (SE) SUS score non-smartphone users	74.7 (3.0)	72.2 (5.5)

### 3. Intra-individual variation over whole study period

Coefficient of variation for systolic BP: 9.4% (95% CI 7.8-10.9)

Coefficient of variation for diastolic BP: 9.7% (95% 7.2-11.5)

### 4. Proportion of participants at target BP at 3 months:

36% (compared to 12% at baseline)

**Adverse events**

There were no adverse events associated with this study.