Supplementary File 1. Analysis strategy to identify study posts

Talkstroke forum posts: n=22173

19214 posts excluded following key word search

22 posts ‘capsule’
93 posts ‘size’
252 posts ‘side effect’
275 posts ‘aspirin’
1435 posts Secondary prevention medications terms
128 posts ‘routine’
15 posts ‘taking medication’

‘capsule’ (n=14) posts excluded (not describing secondary prevention medications nor tablet-taking behaviour)
‘size’ and ‘pills’ (n=210) posts excluded (not describing secondary prevention medications nor tablet-taking behaviour)
‘side effect’ (n=199) ‘side-effect’ (n=35) posts excluded (refer to other drug groups, not describing implications of side effects or role on patient’s behaviour)
‘aspirin’ (n=250) ‘statin’ (n=254) posts excluded (only information, don’t describe taking tablets or role on adherence)
‘Secondary prevention’ (n=1293) posts excluded (not medication taking behaviour, repeats of other keyword posts)
‘routine’ (n=100) box (n=153) blister (n=7) posts excluded (not about routine, behaviour or relevant to adherence)
‘taking medication’ (n=10) ‘taking tablets (n=2) posts excluded (not describing secondary prevention medications nor tablet-taking behaviour)
Posts excluded following further examination

n=4: taking tablets/taking medication
(other tablets e.g. sleeping, epilepsy
n=15: size, pills (not medication taking or acute
care treatment)
n=6: capsule (associated with iv medication)
n=1 blister (describes medication packaging only)
n=11: side effects, side-effects
n=19 aspirin (not describing taking aspirin or adherence)
n=35 statin (duplicate quote, not about taking
medication)
n=3 box (duplicate quote, descriptive, not about
taking medication)
n=106 secondary prevention (not related to tablets)
n=20 routine (not related to taking tablets or adherence)

Total posts excluded: n=220
Posts analysed: thematic analysis on themes classified as barriers or facilitators of medication adherence.

- n= 4: Taking medication/ taking tablets
- n= 29: Size, pills
- n= 2: Capsule
- n= 2: Blister
- n= 54: Side effects, side-effects
- n= 14: Box
- n=109: Secondary prevention medication terms
- n= 8: routine

Total posts included: n= 222