Elderly residents of 22 nursing homes n=901

Not included (n=225)
- Away when study took place n=6
- Terminally ill n=15
- Urine sample impossible to obtain due to substantial incontinence n=40
- Urine sample impossible to obtain due to severe dementia n=55
- Urine sample impossible to obtain due to severe incontinence/dementia n=14
- Indwelling urinary catheter n=59
- Suprapubic catheter n=2
- Clean intermittent catheterisation n=3
- Urostomy n=1
- For unknown reason not asked to participate n=30

Eligible patients fulfilling inclusion criteria n=676

Excluded patients (n=251)
- Refused participation n=222
- One ward withdrew during ongoing study n=27
- Lack of time (attending nurse) n=2

Conclusive urine cultures (n=421)

Inconclusive results (n=4)
- Urine for culture accidentally lost n=4