

Evidence for Telehealth-based Chronic Care Management



A population approach to evaluating technology enabled support for long term condition management

Patients & Intervention



26,000 older people in Liverpool have a long term illness.



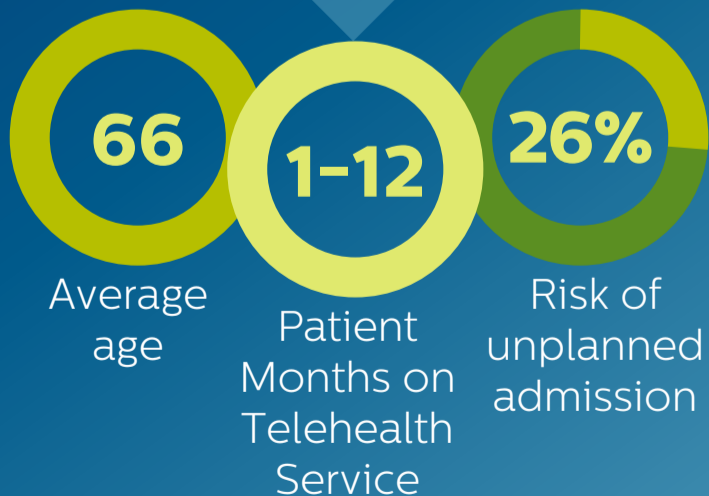
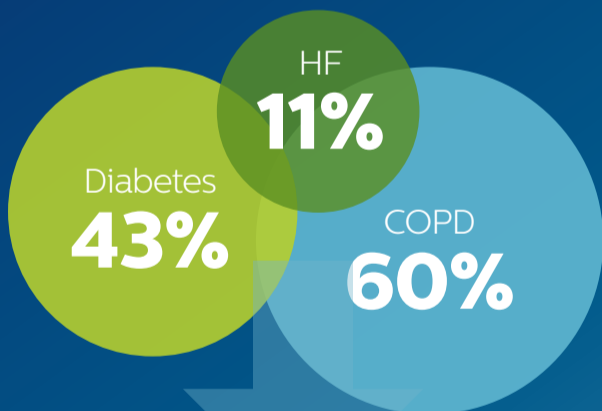
30% of people live with long term conditions

Central Telehealth Team

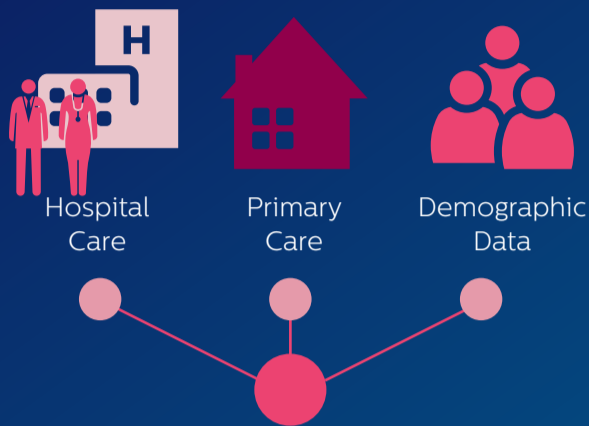


1,808

patients in the study cohort

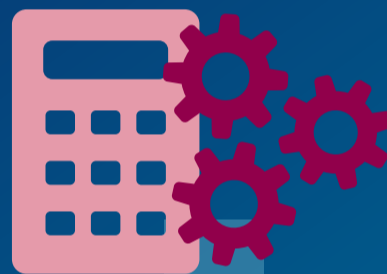


Data & Methodology



15,000,000

data points every month



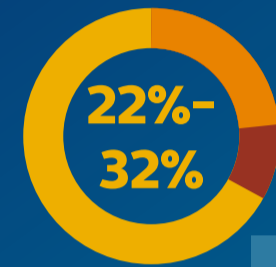
Population wide risk stratification



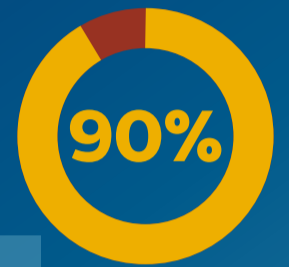
3for1

Three control group individuals to shadow each person in the intervention group

Results



Reduction in unplanned admissions and hospital costs for the top half of the pyramid.



Patients feel more in control.



The higher up the pyramid the more immediate the effect.

Net reductions in admissions was larger for patients staying on longer, with the best results at

7 months

1 2 3 4 5 6 7 8

6.5x

Patients who report more control are 6.5x more likely to report a decrease in healthcare utilization than patients who do not.