

CASE STUDY:

Telemedicine Service Evaluation and Economic Modelling for Airedale NHS Foundation Trust (ANHSFT)



York Health Economics Consortium (YHEC) undertook an evaluation of the telemedicine service provided by Airedale NHS Foundation Trust (ANHSFT) as a possible means of reducing the expensive hospital inpatient services and maintaining people in good health in the community.

Data were collected on health service use of patients with Chronic obstructive pulmonary disease (COPD) who had telemedicine at home, and of patients in Care Homes where telemedicine has been deployed. The cost of telemedicine service to commissioners was calculated to assess the financial savings of implementation compared to inpatient and emergency service use. Some information was also collected on the perception of telemedicine by staff of Care Homes and by patients and carers.

The research indicated that net costs or net savings of telemedicine is difficult to



conclude from inpatient or emergency service use alone as the service may impact other areas of the health services; for example, contacting telehealth instead of a GP Out of Hours service.

This evaluation was part of a wider piece of work being undertaken in the Bradford District and serves to inform commissioners' and providers' decisions about future use of the telemedicine service.

Read more about this project in [Clinical Governance: An International Journal](#)



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