

# SHEFFIELD CHILDREN'S NHS FT

Speciality/focus: Paediatrics



## CHALLENGE

### Reducing or avoiding travel for home ventilated patients

Sheffield Children's Hospital is a tertiary centre serving at-home paediatric ventilated complex care patients across the Yorkshire & Humber region, covering a large geographical area. Travelling for regular and unplanned care events is extremely challenging for these patients.

## GOAL

### Using TytoCare to support remote monitoring, virtual clinics, assessments, and examinations

Community Nurse Specialists from Sheffield Children's Hospital have worked with the Yorkshire & Humber Academic Health

Science Network (AHSN) to utilise TytoCare solutions (Pro and Home) with home-ventilated children. By utilising TytoCare, the team can reduce delays and shorten the time required for patients to receive clinical decisions whilst minimising or entirely avoiding the need for families or community nursing teams to travel to appointments and assessments.

## AIMS

- Reduced risk of COVID transmission for patients, families, and clinicians
- Improved quality of patient care
- More efficient use of health and social care resources
- Improved staff health and wellbeing

## TytoHome™

TytoHome lets patients perform a comprehensive exam at home and share results with a remote physician for a quick, convenient diagnosis. Proprietary guidance technology ensures patients can easily capture accurate exam results so they can be confident that the remote diagnosis is the right diagnosis.



## NEXT STEPS

The use of TytoCare has improved and streamlined the treatment of home-ventilated children. As a result, the Sheffield Children's Hospital team plans to roll out the remote TytoCare solution to benefit more families.