

Case Study

Delivering COVID-19 remote monitoring for symptomatic patients in primary and community care



Spirit's CliniTouch Vie facilitates continuity of care and detection of early deterioration while freeing up clinical capacity through virtual, home and community support.

Background

University Hospitals of Leicester NHS Trust (UHL) and the Leicestershire Partnership NHS Trust (LPT) have piloted a new remote monitoring system, with the go-live of a virtual ward service for COVID-19 discharged patients since November.

The clinical teams have been using functionality within the CliniTouch Vie remote monitoring platform from Spirit Digital, that has enabled them to provide continuity of care for symptomatic COVID-19 patients post-discharge from hospital and those with mild to moderate oxygen desaturation levels that do not require hospitalisation.

With fears around clinical caseloads increasing beyond acute bed capacity during winter months, guidance from NHS England is advocating the use of remote monitoring / virtual ward technology to provide care for patients with COVID-19 within primary and community care settings.

Going remote

CliniTouch Vie facilitates this by enabling LPT's and UHL's clinical teams to remotely monitor symptomatic patients' progress post-discharge - allowing patients to fully recover in the comfort and safety of their own home. The digital platform also provides early warning signs of potential deterioration, allowing clinical



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Sudip Ghosh, Associate Medical Director, Leicestershire Partnership NHS Trust



teams to appropriately intervene, be that through continued care safely at home or to facilitate an early hospital assessment if there are concerning features indicating deterioration.

Using a computer, tablet or smartphone, CliniTouch Vie allows patients at home to regularly complete specific COVID-19 question sets and take vital signs readings, including oxygen saturation levels. Clinical calculations automatically generate a Red/Amber/Green risk rating which is presented in real-time to that patient's clinician via a dashboard with prioritised actions, allowing for immediate intervention should a patient indicate signs of deterioration.

Providing care for vulnerable patients

This real-time, remote monitoring technology maximises clinical resource while providing the best levels of care for vulnerable patients, both of which are vital at this current time. Crucially, CliniTouch Vie also provides reassurance and reduces anxiety in patients with integrated messaging, video calls and health trend information.

UHL has referred its first 48 patients to LPT's respiratory team for remote monitoring over a two-week period, 28 of whom have since been discharged; and 14 of whom remain active.

Sudip Ghosh, an Associate Medical Director for LPT, said: "The pandemic has highlighted the greatest need for us to work with our patients in novel and innovative ways. This virtual Covid ward is an extension of our current urgent respiratory services to help build capacity and flow through our system. LPT is proud to play its part in emerging solutions for our health economy."

Dr. Irene Valero-Sánchez, Clinical Lead for the Integrated Respiratory Service and the virtual ward pilot, UHL, commented:



"To help us better cope with the demands of COVID-19, we needed to transform how we worked with local community services. Among the different options we considered, we found that telehealth could allow us to carry out intensive monitoring of COVID-19 pneumonia patients who have been discharged to continue their recovery at home. This allowed us to optimise both our people and time resources meaning we could prioritise those patients most in need."



Nadine Miles, Managing Director, Spirit Digital concluded: "As our battle against COVID-19 continues, it is vital that we provide as much support as possible to both our frontline workers and vulnerable patients. We are proud to be part of the solution in maximising clinical capacity while helping to provide continuity of care for those who need it most."

Find out more

Schedule a call or no-obligation demo with our sales team.
Email info@spirit-digital.co.uk or visit www.spirit-digital.co.uk

