# Development of a tracking system for staff LFT testing for Covid-19

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Scottish Government advice is that all asymptomatic hospice staff perform a Lateral Flow Test (LFT) twice per week.

In January 2021, Ayrshire Hospice developed and implemented an electronic system for recording staff LFT results using freely available technology, based on QR codes and Microsoft forms.

To date this has freed up 5 weeks' worth of administrative time that would otherwise have been spent manually updating a spreadsheet with test results.

Related publications:
– Scottish Government (2021), COVID-19: Guidance for the use of Lateral Flow Device testing – Social Care Testing, p7
– Statista (2021), When was the last time you scanned a QR code

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This poster is part of the SPPC Poster Parade 2021
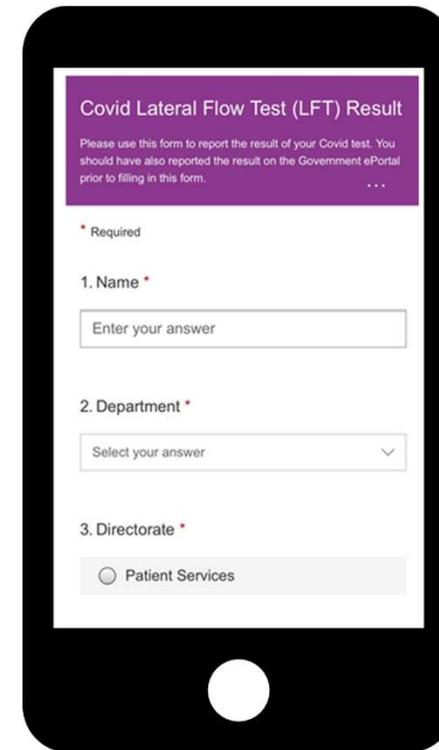Scottish Partnership for Palliative Care

# The challenge - tracking of asymptomatic staff testing during the Covid-19 pandemic



- With staff testing twice weekly, it was necessary to implement an efficient electronic system to record reported results in a central database
- The ability to highlight any positive results quickly to relevant personnel was important
- As this had not been budgeted for, any solution needed to be cost effective

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# Techniques and Methods

- The charitable license for Microsoft Office 365 suite was used
- A form was developed in Microsoft forms to collect results
- Microsoft Power Automate was then used to add results to a list in MS SharePoint and send alerts for positive test results
- Leaflets with QR codes were distributed with LFT kits

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# Results and Conclusions

- 5492 test results have been recorded since January 2021
- Assuming 2 minutes on average to record a result in a manual system, 183 hours (~5 weeks) of HR time has been released for other tasks
- Upon recording of a positive result, an alert is automatically e-mailed to the relevant personnel minimising delays in information sharing
- The hospice was able to use freely available technology to record thousands of LFT results whilst minimising the time investment from the HR team

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