Results Mortality rate was significantly higher in 122 cancer patients with COVID-19 than 1220 patients without cancer (OR 1.653, $p=0.014$), especially in patients with lung cancer (OR 4.664, $p=0.002$). 55 patients diagnosed with cancer within one year had a significantly higher mortality (OR 2.32, $p=0.004$). Stage 4, but not earlier stages of, cancer at diagnosis had much higher mortality (OR 2.82, $p<0.001$). Progression of cancer was highly predictive of mortality (OR 4.60, $p=0.00002$). SACT had no significant effect on mortality from COVID-19 disease when compared with cancer patients who had no active treatment. However, cancer patients that did not have SACT within 3 months were more likely to die (OR 1.80, $p=0.025$).

Conclusion Among patients with cancer and COVID-19, mortality was high and associated with cancer-specific features. There was no evidence cancer patients on systemic anti-cancer treatments possessed higher mortality from COVID-19 disease, which correlates with findings from COVID-19 and cancer registries¹. Patients that did not receive SACT within 3 months before COVID-19 and therefore more likely to have palliative treatment did demonstrate high mortality. Larger studies are needed to confirm the risk of mortality and timing of SACT before COVID-19 disease.

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P105 BREAKING BARRIERS TO SINGING FOR LUNG HEALTH DURING THE COVID-19 PANDEMIC

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In 2010 the British Lung Foundation (BLF) launched 'Singing for Lung Health' (SFLH), an initiative to promote singing as part of a group, for patients with chronic lung conditions. This has been shown to be beneficial to mental wellbeing, lung health and quality of life in this group of patients.¹

In 2019 a local SFLH group was established and around 30 patients with chronic lung conditions participated. When asked, all participants reported an improvement in their physical or emotional health. Personal feedback showed just how positively the sessions had impacted these patients, highlighting the holistic benefits of this initiative in practice (table 1).

The arrival of the COVID-19 pandemic caused the group to be put on hold. This barrier posed a challenge to be overcome and in 2020 the SFLH group was moved online and has continued on this platform ever since.

The majority of the participants reported a decline in their physical health and increase in social isolation as a result of the pandemic. The online SFLH group has provided an outlet for these patients who are among the most isolated and vulnerable groups in the population. As a result of the sessions over 80% of participants felt an improvement in breath control and 63% reported an improvement in mood. Personal feedback was extremely complementary showing that the online platform for the sessions has been as effective as it had been in person and that the sessions have been appreciated all the more since the pandemic (table 1).

Abstract P105 Table 1

In person SFLH Patient feedback	Online SFLH Patient feedback
'Brilliant, life feels brighter. Breathing improvement'	'I feel that my lung capacity has improved a good deal and that this...has resulted in my being a good deal less breathless when out walking.'
'uplifted and relaxed'	'Breathing and relaxing exercises are very beneficial to us... also a good social experience, especially in these very restricted times'
'positive in what I achieved'	'The class is an utter joy and a lifeline'
'meeting people with the same complaint I have'	'I can keep fitter than I would otherwise'
'improves my outlook on life'	'The on-line weekly meeting has been a major blessing during lockdown'
'as long as it takes place I will be there'	'I enjoy the classes very much'
'keeps me in trim for the next 48 hours'	'Feel better afterwards'
'Feel better than I did when I arrived'	'so joyful and uplifting!'
All participants reported an improvement in their physical or emotional health and would recommend the SFLH sessions to a friend with breathing difficulties	80% of participants felt an improvement in breath control and 63% reported an improvement in mood.

This kind of initiative is needed for those struggling with chronic lung conditions and the ability to provide this service online means more patients can benefit.

Special thanks to Annie Summers the group's BLF trained SFLH instructor and to Andi Licqurish and Dennis Schiavon from Encore Enterprises.

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P106 THE IMPACT OF TECHNICIAN-LED VIRTUAL SPIROMETRY SESSIONS ON THE AVAILABILITY AND QUALITY OF HOME SPIROMETRY RESULTS IN A VIRTUAL CYSTIC FIBROSIS CLINIC

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Introduction Spirometry is an essential component of monitoring the health of people with Cystic Fibrosis (CF). Since the Covid-19 pandemic, most consultations have been conducted via video conferencing. All appropriate patients were given MIR Spirobank[®] portable spirometers (MIR Medical International Research Srl) and asked to send in readings before each clinic. We noticed a fall in the number and quality of spirometry reports available to clinicians in virtual clinics compared to face-to-face reviews. We set out to improve this through a Respiratory Physiologist-led virtual spirometry clinic.

Methods Spirobank[®] spirometry reports (including grading of quality using ATS/ERS criteria¹) provided by patients attending virtual CF clinics in our CF centre in January 2021 were reviewed. Following this review, a virtual spirometry clinic was established (running before the main clinic) in which the patient performs spirometry via the 'Live Video Exam' app on