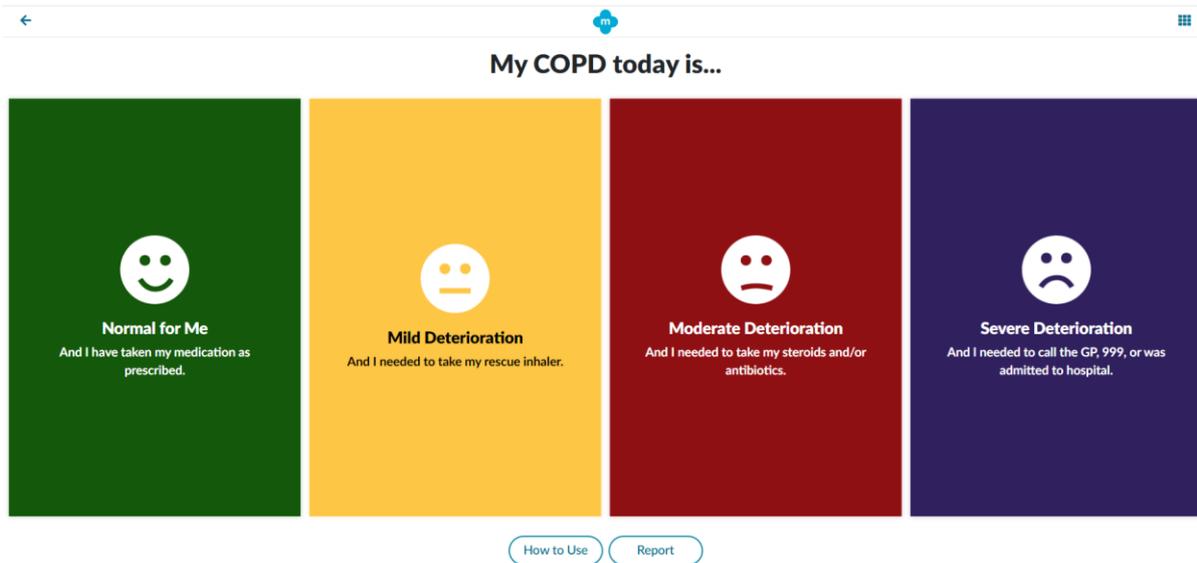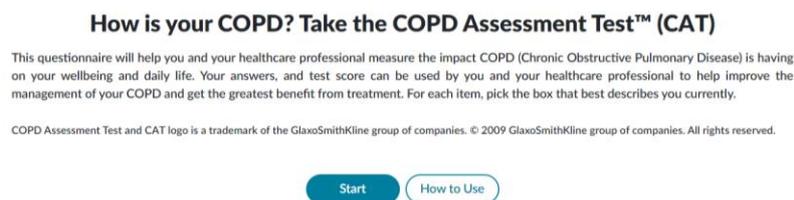# Supplement

MyCOPD

Tiles are colour coded with images to indicate their content and how often they should be accessed. Each tile contains a 'how to use video'. On every app login, users are required to enter their symptoms for the day before gaining access to the platform tiles. They are similarly required to complete the COPD Assessment Test (CAT) questionnaire every four weeks and input their COPD medication. App features can be viewed in
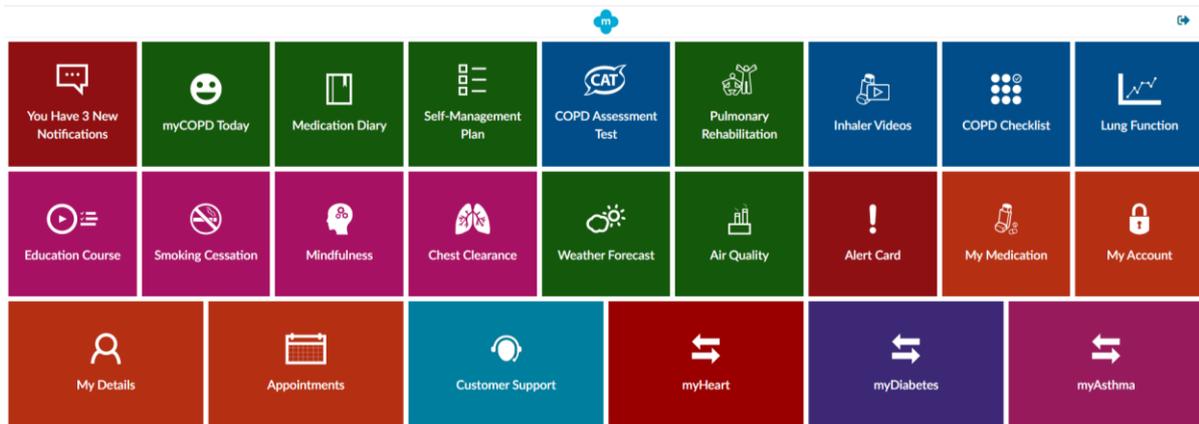
Supplemental Figure 1

*Note: Patients are required to click on how they are feeling daily. This is recorded and interpreted into a graph format to observe symptom trends.

Supplemental Figure 2

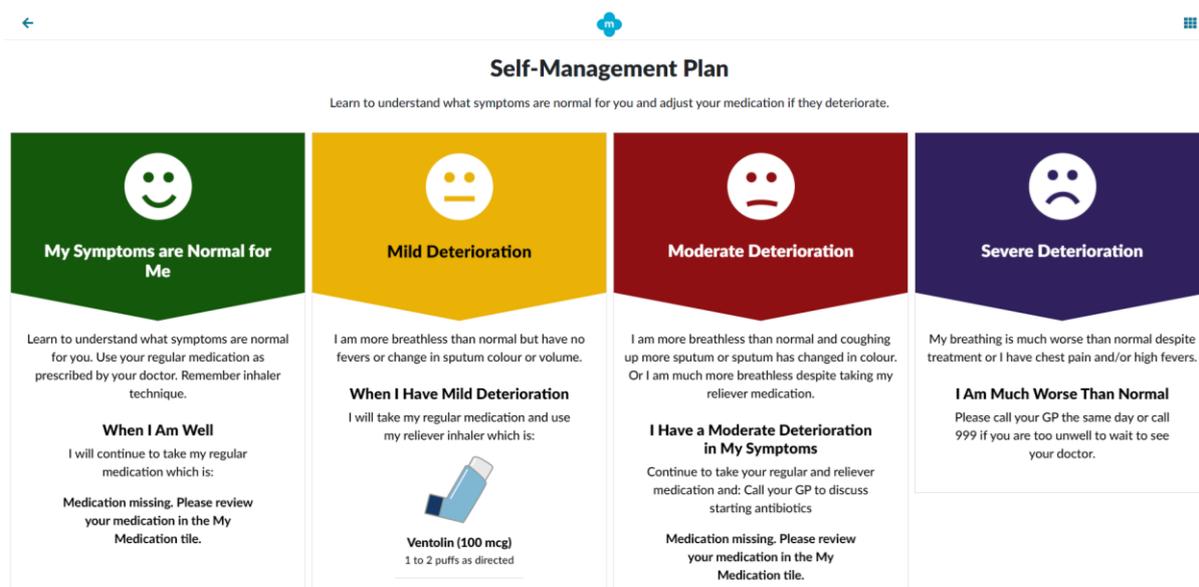

*Note: On first access and every four weeks patients will need to complete CAT

Supplemental Figure 3

*Note: myCOPD app dashboard displaying tiles for usage. Green = daily or every other day use, Blue = every few weeks, Pink = educational, Orange = action, Red = notifications

Supplemental Figure 4

*Note: Self-Management Plan example which can be individualised for each patient

App Feedback Questionnaire Responses

All 29 participants in the myCOPD arm were asked to complete feedback questionnaires regardless of usage, of which 24 of these responded and are summarised below. Of those who responded, 21 (87.5%) participants rated their experience of the app as good very good, 15, or fairly good, 6. When asked if they would recommend the app to friends or family with COPD 22 (91.7%) said they were either extremely likely, 11, or likely, 11, to do so. During the trial 23 (95.8%) felt they had enough support from the app. 19 (79.2%) felt the app had helped them to understand their COPD better and 17 (70.8%) felt it helped them set goals or help them choose how to manage their COPD.

Supplemental Figure 5 – Summaries of questionnaire responses of those in the myCOPD arm

Q1). Overall, how would you describe your experience of the app?

Q2). Would you recommend the online app to friends/family with COPD?

Q3). Enough support from the app for COPD?

Q4). How confident about managing COPD before app?

Q5). How confident about managing COPD after app?

Q6). Do you feel the app helped you understand COPD better?

Q7). Does online app help set goals for yourself?

Q8). Which Sections were most useful?

Q9). Which service would you use if offered by GP?