

IRAS ID:	249148
Name of REC:	London – Surrey Research Ethics Committee
REC reference number:	18/LO/1939
Date of favourable ethical opinion:	18/12/2018

## **Self-management and support programme for COPD (EDGE2)**

### **Basic results**

41 participants were recruited to the study of whom one withdrew before baseline data collection. 26 participants completed one year follow up.

### **Baseline measures**

The mean (SD) age of participants was 68 (7.8) years, 22 (53.7%) were male, 6 (15%) were smokers. Breathlessness was described (SGRQ – global scale) as somewhat severe or severe by 22 (55%) and 20 (50%) described their health (SGRQ-Global scale) as fair, poor or very poor. The mean EQ-5D (SD) score was 0.527 (0.289)

### **Primary outcome measures**

1. Proportion of participants in whom data can be obtained and matched from the in-hospital system and the EDGE2 platform – extract and link in-hospital data with other study data for each patient, success pre-defined as 80-90% – initiation of linkage will take place upon provision of consent with in-hospital data retrieved from point of index attendance/admission to discharge.

*Data from the in-hospital system has been obtained and pseudonymised and linked to study data for all participants. Further analysis has been delayed pending identification of resources to permit analysis. Data is stored securely.*

2. Proportion where there is sufficient data to provide clinically relevant data for use across the care pathway – obtain and link in-hospital data with other study data for each patient, success pre-defined as 80-90% – initiation of linkage will take place upon provision of consent with in-hospital data retrieved from point of index attendance/admission to discharge.

*Data from the in-hospital system has been obtained and pseudonymised and linked to study data for all participants. Further analysis has been delayed pending identification of resources to permit analysis. Data is stored securely.*

### **Key secondary outcome measures**

1. Quality of life - using St George's Respiratory Questionnaire for COPD (SGRQ-C) - at baseline and 6 months after hospital discharge  
*Not analysed – currently awaiting resources to permit analysis.*

2. Generic health status - using the EuroQol-5 Dimension (EQ-5D-5L) scale - at baseline and 6-months after hospital discharge  
*Not calculated. Only 20 (50% provided interpretable data at 6 months).*
3. Number of hospital admissions - at baseline and 6 months after hospital discharge  
*Awaiting analysis*
4. Number of ICU admissions - at baseline and 6 months after hospital discharge  
*Awaiting analysis*
5. Number of contacts with health professionals - at baseline and 6 months after hospital discharge  
*Awaiting analysis*
6. Use of medications - at baseline and 6 months after hospital discharge  
*Awaiting analysis*
7. Physical function – using the sit-to-stand test - at baseline, 4 weeks, 12 weeks and 24 weeks after hospital discharge  
*Awaiting analysis*
8. Death - using NHS Digital's Data Access Request Service  
*Protocol amended – this data will not now be collected because of the smaller number of participants than anticipated*
9. Attendance and admissions to hospital – using NHS Digital's Data Access Request Service  
*Protocol amended – this data will not now be collected because of the smaller number of participants than anticipated*