

**Does a Case management service improve the impact and experience of patients living with Chronic Obstructive Pulmonary disease (COPD): An audit of outcome measures. Pre and Post COPD Assessment scores (CAT) and Pre and Post Patient reported experience measure (PREM9) scores:**

Osei-Wusu J and Roots D. Adult Cardiorespiratory Enhanced and Responsive Service (ACERS), Homerton University Hospital, London

**Background:**

COPD patients attending ACERS case management service completed outcome measures before and after their intervention to assess the impact on their COPD using COPD Assessment tool (CAT). It is a simple short tool with 8 questions which measures the impact of COPD on the patient’s health. Patient reported experience measure (PREM9) is a questionnaire designed to help health professionals to learn more about the patient’s experience living with COPD. These two assessment tools were used by ACERS COPD Case management to understand the patients experience and impact COPD has on their daily living.

**Aim:**

To audit the Homerton healthcare ACERS team Outcome measures PREM9 and CAT scores to understand the impact and patients experience for COPD patients under Case Management in community setting.

**Method**

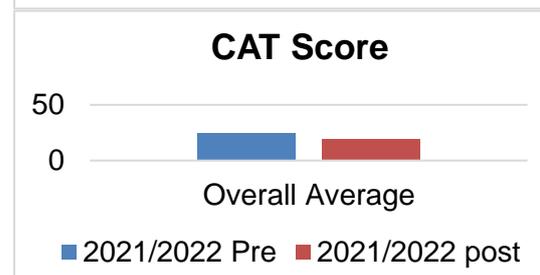
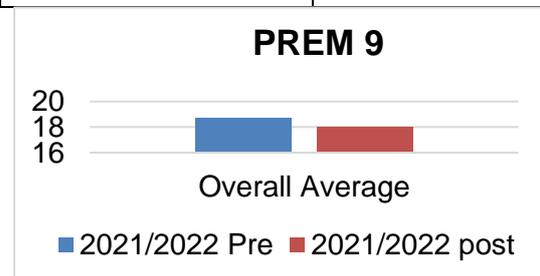
Outcome measures CAT and PREM9 questionnaires were collected from May 2021 to May 2022.

The patients were given the questionnaires during their first and last assessment to complete.

**Results:**

In total 69 questionnaires were collected during the period of their case management. 93% (n=64) CAT questionnaires completed and 7% (n=5) not completed. 97% (n=67) of PREM 9 completed. 3% (n=2) not completed.

Mean CAT	
Pre 24.8.	Post 19.6
<b>Overall difference</b>	<b>5.2 MCID</b>
Mean PREM 9	
Pre 18.7	Post 18
<b>Overall difference</b>	<b>0.7</b>



**Conclusion:**

The CAT outcome measures pre and post showed an improvement in the impact of living with COPD under Case management

**Reflection:**

More audit to be done, looking at improving services to better meet patients need locally.