

European Respiratory Society Annual Congress 2012

Abstract Number: 3275

Publication Number: P754

Abstract Group: 1.6. General Practice and Primary Care

Keyword 1: COPD - diagnosis **Keyword 2:** COPD - exacerbations **Keyword 3:** COPD - management

Title: Enhanced care review for people with COPD in primary care addressing quality, cost-effectiveness and productivity

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Body: An enhanced care review, delivered by nurses working for a social enterprise within Primary Care and supported by a Respiratory Physician has proved to be a cost effective way of improving the quality of life with patients with COPD. The aim of the project was to improve the quality of care on a number of parameters such as accurate diagnosis, treatment of exacerbations, self management plans, referral to preventative services. This was delivered through a nurse led service supported by a respiratory consultant in primary care to reduce hospital admissions and outpatients referrals. The 12 month pilot project was delivered to 23 GP practices within an urban, deprived setting in the North of England. Specialist Respiratory nurses and practice nurses delivered the service within GP practices following education and training identifying patients at risk of exacerbations or hospital admissions and post exacerbation assessment and prevention using specialist computer software which also provided a data collection template- data was collected through GP practice readcode searches together with admission data from the Primary Care Trust. Hospital admissions were reduced amounting to savings of £90,000 in comparison to other parts of the borough. Medicines management savings amounted to £40,000 were achieved through treatment optimisation. Prevalence of COPD was increased by 12.3% and there was a 56% increase in pts being diagnosed between the ages of 35-50. There was a 63% increase in referral to pulmonary rehab and 20% increase in patients coded now as ex-smokers. There was a 58% increase in patients being given a self management plan.