4.14 Patient, process and cost outcomes following the roll-out of a Community Pulmonary Rehabilitation Programme in HSE Mid-West region: A service and economic evaluation

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Background: Ireland has one of the highest rates of admissions for Chronic Obstructive Pulmonary Disease (COPD) in the OECD[1]. Pulmonary rehabilitation (PR) plays a crucial role in the management of individuals with COPD and is associated with reduced hospital admissions and improved patient outcomes. **Aim/Methods:** The aim of this service evaluation is to demonstrate how the community PR service in HSE Mid-West is meeting its objectives with regards to patient, process and cost outcomes. A retrospective pre-post intervention study design was adopted to compare admission rates among enrolees diagnosed with COPD in the 12 months before and after PR intervention. Secondary outcomes included exercise tolerance, quality of life measures and costs. **Results:** Outcome data for all 111 PR enrolees in 2022 diagnosed with COPD were included in the evaluation. Demographics and engagement data, as well as pre-post admission and secondary outcome data are currently being evaluated. Full results will be available in September 2024. **Conclusions:** The results of this evaluation will demonstrate how the community PR programme in HSE Mid-West is meeting its aims; and will inform resource planning decisions for the HSE Chronic Disease Management Programme locally.**Keywords** Pulmonary Rehabilitation, Chronic Disease Management, Health Service Improvement **Disclosures** The authors declare that they have no conflict of interest **Reference:** [1]National Patient Safety Office, Department of Health. National Healthcare Quality Reporting System Report 2023. Ireland: www.gov.ie: 2023

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