

4.18 Start and Finish: A 6 month review of uptake and completion barriers to Pulmonary Rehabilitation in Respiratory Integrated Care Dublin North Central and Dublin North West

Majella O Reilly¹, Clodagh O Meara², Stanley DW Miller¹, Abirami Subramaniam²

¹Respiratory Integrated Care Dublin North Central, Dublin, Ireland. ²Respiratory Integrated Care Dublin North West, Dublin, Ireland

Background: A review of data in Respiratory Integrated Care (RIC) PR Dublin North Central (DNC) and Dublin North West (DNW) revealed a promising comparison of 47% uptake, and a dropout of 43% for the same period, on par with systematic review findings. In an attempt to further understand this issue we examined the characteristics and reasons for drop-out. **Method:** Data of patients who did not complete PR was analysed from the RIC PR Database for DNC and DNW over 6 months, between January 2024 and June 2024. **Results:** 34 patients (43%) dropped out of PR from a total of 80 patients. 14 (41%) patients dropped out due to exacerbation of respiratory illness while 11 (32%) patients dropped out due to complications of co-morbidities. Majority of the patients who dropped out (67%) had COPD Stage E. **Conclusion:** Our findings identify that patients with Stage E COPD and co-morbidities are at higher risk of not completing PR. This highlights that those referring to PR ensure patients are medically optimised, and co-morbidities that may affect PR participation should be taken into account at the time of referral and assessment. Further research into strategies to improve completion for these patient groups are deemed necessary. **Disclosures.** The authors declare that they have no conflict of interest.