

## 6.01 The use of domiciliary Non Invasive Ventilation in a District General Hospital

<sup>1</sup>Helen Close, <sup>1</sup>Ann Box, <sup>1</sup>Paddy McShane, <sup>1</sup>Margaret McCloskey

<sup>1</sup>Altnagelvin Area Hospital, Derry, United Kingdom

**Background:** Domiciliary NIV was commenced in this District General Hospital (DGH) in 2001. The aim of this study was to assess the numbers of patients on home NIV in 2023 and compare with data from 2009 and 2016. **Methods:** All data on patients on the NIV database was reviewed. Age at commencement of NIV, reason for commencement and duration of treatment were recorded. This data was compared to data from 2016. **Results:** By December 2023, 214 patients had commenced home NIV, compared to 91 in 2016 and 38 in 2009. The biggest increase in numbers of people on domiciliary NIV in 2023 was between the ages 50-80. Thirty one patients commenced NIV in this age group in 2016 and 160 in 2023. Most patients (58%) in 2023 are on NIV because of COPD/Obstructive sleep apnoea (OSA)/obesity hypoventilation syndrome (OHS) overlap. **Conclusions:** The number of patients on NIV has increased significantly in this DGH. The biggest increase is in the patients with COPD/OSA/OHS overlap. This number is expected to continue to increase due to increasing levels of obesity. **Conflict of Interest:** The authors declare that they have no conflict of interest. **Disclosures:** There are no disclosures.