

1.28 Multidisciplinary Approach to Improving Patient Care in Patients Presenting with Acute Asthma in the Emergency Department.

¹Lorna Nellany, ¹Alaa Khalid, ¹Shaima Musa, ¹Mohammed Qotb, ¹Michael Sweeney, ¹Katherine Finan
¹Sligo University Hospital, Sligo, Ireland

Background Asthma is a chronic condition with patients frequently presenting to the Emergency Department (ED) with acute exacerbations. Effective asthma control and management can be enhanced through a multidisciplinary approach. A Quality Improvement Project was undertaken involving a clinical audit of patients attending the ED with acute asthma not requiring admission to hospital. **Methods:** Retrospective quantitative analysis was conducted in February 2023 from data collected on Integrated Patient Management System (iPMS) and ED Charts. Data was re-audited (May 2024) following the introduction of a new Acute Asthma Care Pathway. **Results:** February 2023 acute asthma presentations n=6, peak flow recorded 0%, inhaler technique checked 0%, follow up Respiratory team 0%, steroids administered 66%, bronchodilators administered 50%. Asthma pathway was introduced and data re-audited in May 2024. Acute asthma presentations n=4, peak flow recorded 75%, inhaler technique checked 25%, steroids administered 100%, bronchodilators administered 100% , treated with asthma pathway 75%, referred to Respiratory ANP 75%. **Conclusion:** The introduction of an Asthma Pathway has standardised management of acute asthma in the ED, with timely follow up in the community by the Respiratory Advanced Nurse Practitioner. **Keywords:** Asthma, Emergency Department, Care pathway. **Disclosures:** The authors declare that they have no conflict of interest