

## 1.02 An audit of acute asthma care in the Emergency Department

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**Background:** Ireland has one of the highest rates of asthma in the world. Over 19,000 people visit Emergency Departments (ED) annually with acute asthma. National guidelines have been established to highlight best evidence-based practices in emergency asthma care. **Methods:** We performed a retrospective search on the Maxims Electronic Patient Record system for adults presenting to St Vincent's University Hospital's (SVUH) ED with an acute asthma exacerbation. Documentations in the identified records were evaluated against national guidelines. **Results:** A total of 30 patients presenting to SVUH ED between 1<sup>st</sup> of February and 11<sup>th</sup> of March 2024 were included. Of the 33 attendances, 36.4% had their peak flow measured; 0% had their inhaler technique assessed; 15.2% had their triggers identified, and avoidance discussed; 3.03% had their concordance issued addressed; 0% had their psychosocial or other risk factors addressed; 3.03% was provided written information and an action plan; and 0% was advised to follow-up with their GP within the recommended timeframe. **Conclusions:** Our audit suggests gaps in current management of acute asthma in the ED. A quality improvement plan is underway, with a second audit cycle planned. **Keywords:** Asthma, Emergency Department **Disclosures:** **Conflict of Interest:** The authors declare that they have no conflict of interest.