

## **Audit of Urgent and Non-Urgent Patient Visits to the Emergency: A Case-Control Study**

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**Abstract :** Background: The emergency department mandates maximum efficacy in the utilization of the available resources. Non-urgent patient visits pose a serious concern to the treatment, patient triage, and resources available. Aims and Objectives: We conducted a retrospective case-control study of the emergency department patient list from October 2019 to November 2022. A total of 839 patients formed part of the study. Somatic complaints, vital signs, diagnostic test results, admission to the hospital, etc., were some of the criteria used for the categorization of patients. Results: The proportion of non-urgent visits varied from 7.2% to 43%, with a median of 21%. Somatic complaints were the least associated with further hospital admissions (n=28%), while diagnostic test results were the most significant indicator of further hospital admissions (n=74%). Effective triage helped minimize emergency department admissions by 36%. Conclusion: Our study shows that effective triaging, patient counselling, and round-the-clock consumable monitoring helped in the effective management of patients admitted and also significantly helped provide treatment to the patients most in need.

**Keywords :** urgent visits, non-urgent visits, triaging, emergency department admissions

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