

Traumatic CSF Leaks

A. Qureshi, M.M. Jummani, T. Bhatti, A.B. Ansari, S. Shaukat, S. Ayeshah, S.M. Ashfaq



Overview

Skull base fractures can lead to severe complications like cerebrospinal fluid leaks.



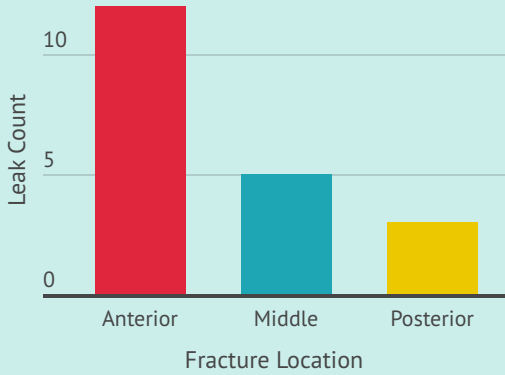
Study Design

A cross-sectional observational study at SMBBIT evaluated 200 head-injured patients.



Fracture Types

Fractures were categorized into anterior, middle, and posterior types for evaluation.



CSF Leak Rates

Overall CSF leaks occurred in 10% of patients, showing a trend across fracture locations.



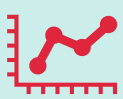
Statistical Analysis

Chi-square tests, Pearson correlation, and linear regression analyses were utilized in the study.



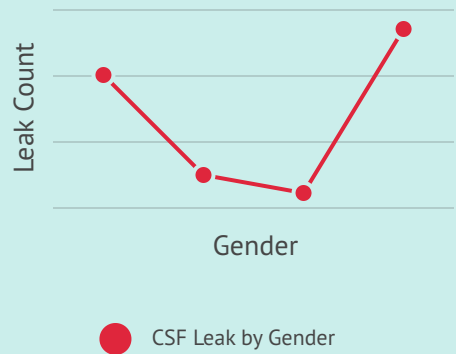
Key Findings

Fracture location was a significant predictor of CSF leaks despite the lack of strong association.



Demographics

Data showed that gender significantly influenced the occurrence of CSF leaks among patients.



Conclusion

A multifactorial approach is crucial, considering both fracture location and gender to predict CSF leaks effectively in trauma management.