



ABSTRACT

Title of Abstract : Correlation of Patient Visits to Dental Treatment Procedures: Case Study of Hospital X in Bontang
Authors of Abstract : Atik Suhargiati
Affiliation : Others
Correspondence E-mail : atik.rosyadi70@gmail.com

Background : Hospitals play a vital role in healthcare delivery, with medical records essential for informed decision-making. Increased public health awareness has resulted in a rise in patient visits, particularly in dental departments.

Objective : This research examines the relationship factors between patient visits and dental treatments at Hospital X in Bontang from July to September 2023, focusing on the influences of age and gender.

Research Methods/ Implementation Methods : A quantitative observational study included all 375 dental patients during the specified period. Data on demographics and dental treatment procedures were collected and analyzed using Pearson correlation and T-tests.

Results : : A significant correlation ($r = 0.7317$) was found between patient visits and treatment complexity. Male patients showed a correlation of 0.398, while female patients had 0.280. T-test results confirmed statistical significance

Conclusion/Lesson Learned : : Demographic factors significantly impact dental care complexity, highlighting the need for targeted resource allocation to enhance patient outcomes.

Keyword : Hospital; Patient Visits; Dentist Procedure; Pearson; T-test

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