

## The Evaluation of Caustic and Corrosive Poisoning in Children

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**Abstract :** Introduction: We have planned this study because of the increasing number of corrosive substance poisoning who admitted to the Pediatric Emergency Department. Method: 636 corrosive substance poisoning cases applied to the Osmangazi University PED between 1 January 2015 - 31 December 2017 were retrospectively analyzed. Results: 438 (69%) cases were male. The poisoning rate of groups 0-4 was significantly higher and occurred by accident. A total of 616 cases (96.9%) were poisoned by the oral route, and 20 cases were poisoned by inhalation. 462 Patients were admitted to the hospital within an hour (72.8%). Of the 134 patients who had only erosion and redness around the mouth, 24 patients had salivation and dysphagia symptoms besides these. Of the 28 cases of 158 patients with symptoms, esophageal stenosis was detected. on third day examination. Although there was no statistically significant correlation between esophageal stenosis and erosion and redness around the mouth, there was a statistically significant correlation between dysphagia and salivation between esophageal stenosis Conclusion: The increased salivation and the dysphagia are important signs of risk of developing esophageal stenosis at first examination corrosive poisoning in children.

**Keywords :** caustic, corrosive, poisoning, children

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