

Comparative Statistical Analysis of Surgical Procedures in the Management of Hirschsprung Disease

Viorel Țandea^{1,2}, Ionuț Daniel Raducan³, Razvan Constantin Datu^{1,2}, Silviu Constantinoiu^{3,4}

¹Department of Pediatric Surgery, Grigore Alexandrescu Clinical Emergency Hospital for Children, Bucharest, Romania

²Carol Davila University of Medicine and Pharmacy, Bucharest, Romania

³Vasile Goldis, Western University of Arad, Arad, Romania

⁴Department of Surgery, Sfanta Maria Clinica Hospital, Bucharest, Romania

Abstract

This study investigates the correlation between the histopathologically confirmed or refuted diagnosis of Hirschsprung Disease (HD) and the type of surgery performed on patients. Data from 24 patients were analyzed, divided into two categories: confirmed HD (n=17) and refuted HD (n=7). The results did not identify a statistically significant association between the diagnosis of HD and the sex of the patients (p-value = 1.000000). Further studies with larger samples are needed to clarify this relationship.

Key words: Hirschsprung disease, congenital megacolon, clinical cases, statistical analysis