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**Surgical outcomes in patients with disorders of sex development in Mofid Children's Hospital, 2001-2014**

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Disorders of sex development is a childhood and infantile anomaly that affect not only the somatic growth; but also leading to stress and anxiety among parents who are seeking optimal treatments. Accordingly, in this study, the surgical outcomes in patients with disorders of sex development in Mofid Children's Hospital from 2001 to 2014 were determined. In this case series study, 72 consecutive children with disorders of sex development in Mofid Children's Hospital from 2001 to 2014 were enrolled and followed in a regular manner. Data were gathered by existing medical documents and were recorded in a prepared checklist. The surgical outcomes were assessed with an interview and clinical examination after the announcement by the hospital. The success and complication rate were determined by a group of surgeons and compared according to other variables. In the current study, we have evaluated seventy-two patients: 55 (76.38%) affected by Congenital Adrenal Hyperplasia, thirteen (18.05%) by Testicular Feminization, 2 (2.7%) by Ovotesticular disorder and two cases (2.7%) by Mixed Gonadal Dysgenesis (MGD). Most common type of applied surgery was Clitoroplasty, Genitoplasty and Pull through Vaginoplasty. Fifty-nine patients (81.9%) had no surgical complications. All patients had good conditions at discharge and no mortality was registered. Three cases of testicular feminization (4.2%) who underwent pull through colovaginoplasty were married. According to our findings, surgical outcomes in cases of Disorders of Sex Development are relatively good and satisfactory. However long-term follow-up study is required to determine the final outcomes, especially for marital and sexual issues.

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