

SHOULD NEOURETHRA BE COVERED WITH FLAP IN HYPOSPADIAS CASES CIRCUMCISED BEFORE

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It is believed that covering the neourethra with flap is diminishing the fistula rate. Herein, we compared the circumcised primer hypospadias cases for fistula formation after covering the neourethra with flap or not.

50 circumcised primer hypospadias cases (mean age 11.2 years) were treated with TIPU between 1998-2005 in our clinic. Neourethra of 16 cases were covered with flap (tunica vaginalis, dorsal dartos flap and parameatal tissue), while no flaps were used for 34 cases. 27(54%) patients had anterior penil hypospadias, 15(30%) had mid penil and 8(16%) patients had posterior penil hypospadias.

Fistula formation was observed in 2 (12.5%) cases (posterior penil hypospadias) from flap used 16 cases(mean age 10.2 years), while fistula was seen in 2 (5.8%) cases (middle penil and posterior penil hypospadias) from 34 cases(mean age 11.3 years.) Fistula formation rates were similar between the groups with flap or not, so we think that, if the neourethra is formed appropriately, there is no need for flap for covering neourethra.

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