

Modification of Snodgrass Technique for the Repair of Distal Hypospadias

Surgical correction of hypospadias deformity has always challenges and perplexes surgeons. Although the functional improvement was the accepted goal of reconstruction, current operations strive to attain both functional and cosmetic aspects.

The purpose of this prospective study was to present new modifications of Snodgrass technique for the treatment of distal hypospadias aiming at lowering the incidence of fistula formation. The study was performed between January 2006 and August 2008, the repair was performed upon 48 patients; including all of the distal varieties of Hypospadias and none of the cases had any previous operations for correction. Follow up of all cases (was done for 6-12 month) was performed concerning both functional and cosmetic aspects. The patients' age at time of repair ranged from 1 to 4 years, with a mean of 2.3 years. Complications include one case (2%) that developed fistula that necessitated re-operative repair, while another case developed a fistula that closed spontaneously with conservative approach. It was concluded that, the modifications prescribed for the tubularized incised plate urethroplasty relatively has a low incidence of complications with good outcome, both functionally and cosmetically.