



Hypospadias has become one of the most common surgeries done by surgeons practicing pediatric urology. Many different types of techniques are available but all of these rest on superior instrumentation and ingenuity of the surgeon. To this goal, we have devised a set of instruments to aid the surgeon performing this complex surgery. Further, it gives exclusivity to the hypospadias repair and segregation of the instruments also prevents damage to these delicate instruments.

Features of the Hypospadias set:

- Microsurgical instruments specially crafted for delicate tissues.
- Ergonomically tested instruments to resist hand and wrist fatigue in delicate surgeries.
- Glare free and corrosion resistant high grade steel material to last many years.
- Compact packing to ensure portability and exclusivity.
- Complete set incorporating all the 29 instruments required in hypospadias surgery.

Each instrument has a specific role and purpose :

- Spring needle holder with soft grip and lock to aid in using 6-0, 7-0 sutures. This needle holder is specifically designed to help in Urethroplasty.
- Spring scissors with curve to help designing the flaps and urethral plate. These are useful for harvesting transverse island flap for onlay urethroplasty and dartos flap for neourethral coverage.
- Micro-toothed forceps to provide firm yet atraumatic grip on urethral tissues and glans tissue. These are ideally not used for prepuccial skin.
- Needle holder with TC tip- for 4-0, 5-0 sutures for stay sutures at glans and prepuccial flap resurfacing at the end of surgery.
- Small Reynolds scissors- to trim flaps and prepuccial skin.
- Small Metzenbaum scissors for degloving the penis and cutting delicate sutures.
- Calipers to measure the length, width of urethral plate and flaps needed.
- Skin hooks to help in raising flaps and degloving the penis.
- Straight artery clips for stay sutures at glans.
- Micro-mosquito forceps to catch the fine sutures and tissue flaps. These mosquito forceps are specifically kept in the set to maintain their grip on fine 6-0 and 7-0 sutures. If these are used for other surgeries they lose their fine grip over time.
- Adson toothed forceps used for handling prepuccial skin.