

PEDIATRIC SURGERY

Orchidopexy

Preference Card

1. Prep abdomen and penis and scrotum, drape into field.
2. Make incision like a hernia, but longer.
3. Once into canal, look for testicle.
4. Hold testis up and divide distal attachments by traction then bovie across distal vessel in gubernaculum. Dissect the cremasteric and internal spermatic fascia off of cord at internal ring--don't use bovie near testis once it's separated from the gubernaculum.
5. Find hernia sac and open it anteriorly. Open all of free area then bluntly dissect around the back in front of the vessels and the vas then divide entire sac, hold with mosquitos--might need several--and dissect sac off of cord structures down to the internal ring, twist and amputate sac with 2 4-0 PDS stitches.
6. Bluntly separate the vas from the vessels to allow for retroperitoneal dissection--start from where they're separated just inside internal ring then work out then back--separate with a hemostat. Push peanut into retroperitoneum to gain more length--open up lateral to the internal ring to gain better access to the retroperitoneum.
7. Open distal sac/tunica longitudinally down to over testis to expose testis.
8. If more length needed divide inferior epigastric vessels, dissect into retroperitoneum. If more length needed then open the floor of the canal to transpose the internal ring
9. Put 3-0 silk through testis and amputate the appendix testis if it's there..
10. Place a snap through into scrotum then replace it with small finger.

11. Open skin on scrotum over finger with a knife then create a pouch with blunt dissection with a clamp between skin and dartos muscle.

12. Small hole in Dartos with bovie then stretch it out by putting finger through.

13. Place 4 corners of 4-0 vicryls in Dartos with tags and leave the needles on then pull testis through--put tonsil in form scrotum to canal with finger-- and secure each of the 4 corners to the base of the testis (fibrous part). Make sure epididymis isn't hanging into pouch.

14. Close scrotal skin over pouch with interrupted 5-0 chromics and dress with Dermabond.

15. Close external oblique with 4-0 PDS, Scarpa's with 4-0 vicryl, and skin with dermabond.