

PP-21 Hypospadias Stage I Repair: To Quilt Or Not To Quilt?

Poster Bildiri

Zehra Kazmi¹, Prof. S. Zafar Zaidi¹
1 The Indus Hospital, Karachi, Pakistan

Peno-scrotal hypospadias accounts for 25% of all cases worldwide. The only treatment option is surgical, and it is quite challenging with variable post-operative outcomes. Multiple procedures have been described in literature. We find the Bracka's two staged repair to be a safe and reliable procedure that can be performed for almost all types of proximal hypospadias. The preputial skin is moist, robust and pliable. It has minimal tendency for hair growth and takes easily, which makes it the ideal graft. As originally described by Bracka, we do not quilt the graft to the underlying corporal bodies. We share the results of no midline quilting and our data from the last ten years (2014-2023). Our experience with no quilting of the preputial graft in Stage I repair for proximal hypospadias indicates that the surgical outcome is favourable. Along with the indirect advantage of lesser operative time, the graft heals as a smooth and flat plate which is an important pre-requisite for a successful second stage repair.

Keywords: Two stage repair, preputial skin graft, penoscrotal hypospadias