

Primary Neonatal Anorectoplasty without Colostomy for High Anorectal Malformations including Pouch Colons

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Abstract

As a tribute to Col. Sangham Lal, an outstanding Surgeon of international and national repute, we chose to evaluate “Primary Neonatal Anorectoplasty without Colostomy for High Anorectal Malformations including Pouch Colons” as single stage procedure with special reference to modified technique of Posterior Sagittal Anorectoplasty (PSARP) developed and promoted by the author at the Department of Pediatric Surgery, Institute of Medical Sciences, Banaras Hindu University since 1996 (1,2), as against the gold standard protocol of three stage management. Out of a total of 1036 newborns admitted with ARM since January 1996 till July 2007, 907 (87.5%) were high ARM including 87 Pouch Colons and 129 (12.5%) low ARMs. Only 24 babies had colostomy. The remaining 883 had primary single stage operation: SCG Modified PSARP – 466; Abdomino Perineal Pull through (APP) – 263; PSARP combined with APP – 23 Anterior Sagittal Anorectoplasty (ASRP) for intermediate anomalies – 131. The results were analyzed and compared with previously performed 458 three staged procedures for mortality, morbidity, continence and cost.