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Vaginoplasty Technique Using Vulvoperineal Flaps

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Innovative Techniques General Reconstruction

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Abstract

The incidence of vaginal agenesis is 1 in 5,000 live newborn baby girls. The most frequent cause is Mayer–Rokitansky–Küster–Hauser syndrome. This report presents three reconstruction cases managed with vulvoperineal fasciocutaneous flaps in patients experiencing this syndrome. It depicts the stages of the procedure and the anatomic bases for it. This technique allows the creation of a sensitive neovagina with high-quality coverage that provides a physiologic and a natural inclination angle together with a correct anatomic axis to make a sexual relationship possible. The procedure is performed in one surgical stage with minimum morbidity for the patient. Its major inconvenience is hair growth inside the vagina. Nevertheless, this decreases as time passes due to follicle atrophy and cutaneous metaplasia.

Keywords

Vaginoplasty technique Vulvoperineal flap Vaginal agenesis Mayer-Rokitansky-Küster-Hauser syndrome

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