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Peritoneal vaginoplasty and trachelectomy (Luohu III operation) for patient with congenital cervical and vaginal atresia: A case report and treatment options

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Objective: The aim of this study was to explore (demonstrate) a feasible treatment for patient with congenital cervical and vaginal atresia using peritoneal vaginoplasty and trachelectomy.

Materials & Methods: A 14-year-old patient with congenital cervical and vaginal atresia was treated with laparoscopic peritoneal vaginoplasty and trachelectomy and uterine body-neovagina anastomosis also was performed for this patient. Catheters with an IUD are utilized in the deployment of stents in the connection of the neovagina and the uterine body.

Results: This treatment has given excellent results over a period of 8 months of follow-up. The patient has a resembling normal vagina and has normal menses one month later after the treatment.

Conclusions: Our finding suggests that peritoneal vaginoplasty and trachelectomy might be an effective option for patient with congenital cervical and vaginal atresia. The postoperative management, neovagina dilation and uterine stent are also imperative for the surgical success. However, a long term observation for this new treatment needs to be followed up.

Biography

Luo Guangnan has completed his MD from Xianya Medical University. He is the Director of OB/GYN Department of Luohu Hospital. He has published more than 30 papers in reputed journals and has been serving as an Editorial Board Member of *Chinese Journal of Minimally Invasive Surgery*.

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