Laparoscopic niche correction – reproductive results

Abstract ID : 2363
Submitted by : Anton Fedorov the 2016-12-31 11:35:33
Category : SEUD CONGRESS
Typology : Communication orale / Oral communication
Status : Validated
Authorisation to disclose : Yes/Oui

Introduction: rate of Caesarean sections in our clinic in 2016 is 25,3%. Among 2177 deliveries in 2016 after cesarean section was 203(9,3%) patients. Scar incompetence was detected in 79 (38,9%) and become an indication for repeated cesarean section. Puerperial endometritis – as a main reason of scar incompetence in our region detected in 3-4% cases after cesarean section.

Materials and methods: from 2010 patients with incompetent uterine scar incompetence after cesarean section was treated preconceptionaly in our department. In all cases we did ultrasound investigation with hysteroscopy before surgery. Measurement of residual miometrium detected indication for surgical treatment if scar thickness is less than 3mm. Preconceptionaly we performed niche repair in 62 cases by laparoscopy

Results: After surgical treatment only 14 patients desired conception. Only 9 became pregnant. 7 patients were successfully delivered by cesarean section in gestation period 37-39 weeks. 2 patients are pregnant at present time. No surgical and obstetrics complications were detected.

Conclusion: Ultrasound investigation of scar condition with hysteroscopy allowed to identify patients who can be treated with uterus preservation in cases of incompetent uterine scar. All this patients can be successfully treated by laparoscopy.

Keywords : niche repair, incompetente uterine scar
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References : , , ,

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