INFERTILITY AND RESECTOSCOPIC TREATMENT OF Isthmocele – OUR EXPERIENCE
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Objectives: Isthmocele is an anatomic defect (reservoir-like) in anterior uterine wall in the site of cesarean scar. This anatomic defect has symptoms, the most important are infertility and postmenstrual abnormal uterine bleeding. We study treatment of symptomatic isthmocele with resectoscopic surgery and the results of this method to fertility and postmenstrual abnormal uterine bleeding as main symptoms of symptomatic isthmocele.

Materials and Methods: 21 women that had one or more caesarean delivery and infertility (were excluded other pathologies for infertility). Patient selection was casual. All patients passed throw a hysteroscopic diagnose of isthmocele with a Karl Storz Bettocchi hysteroscope. All patients with Isthmocele was treated with resectoscopic surgery- Olympus hysteroscope 9 mm with cutting loop and pure cut current- that consist in enlargement of isthmocele entry and resection of endometrium at the bottom of isthmocele.

Results: In all 21 hysteroscopically diagnosed women with symptomatic isthmocele, we found infertility and postmenstrual abnormal uterine bleeding. Resectoscopic surgery treatment of anatomic defect of isthmocele, repair of anatomic defect and elimination of symptoms in 100% of cases, all the patients get pregnant within 1 year after resectoscopic surgery.

Conclusions: Isthmocele is an anatomic defect in the site of cesarean scar. Most of them are symptomatic—infertility and postmenstrual abnormal uterine bleeding. Resectoscopic surgery is an excellent method to eliminate 100% this anatomic defect and the symptoms. All 21 patients got pregnant within 1 year after resectoscopic surgery.