Myomectomy Using Purse-string Suture (MUPS) During Cesarean Section

이정현*, 조동휴

Department of Obstetrics and Gynecology, Institute for Medical Sciences, Chonbuk National University Medical School, Jeonju, Jeonbuk, Korea

BACKGROUND: Here, we introduce a safe and convenient method for myomectomy during cesarean section. TECHNIQUE: Myoma can be excised without profuse bleeding while an assistant maintains strong tension on the purse-string suture around the myoma. The suture is tightened and tied immediately after complete resection of the myoma and then stitches of another purse-string suture are placed alternately with each previous stitch in the inner side of the first suture. EXPERIENCE: Thirty seven patients underwent this method of myomectomy during cesarean section. We have used this method for more than 5 years and have not observed failures and serious complications such as late hemorrhage and uterine rupture during a subsequent pregnancy. CONCLUSION: Myomectomy using purse-string suture (MUPS) during cesarean section is a safe, useful, and convenient technique.