

Surgical complications after cesarean delivery and frequently indications

Proceeding

Objectives: The purpose of this study is to determine complications following cesarean delivery, to identify risk factors for surgical site infection and also to evaluate frequently indications for cesarean delivery.

Material and Methods: We have studied a cohort of 219 women who were delivered by cesarean section in our clinic. Complications following cesarean delivery were determined during hospitalization of patients, review of laboratory results and follow-up after discharge.

Results: Surgical complications after cesarean delivery were rare. Only 1% of patients were febrile, while 8.2% had wound infection following delivery. Of these 7.8% were with superficial wound infection, and with deep tissue infection was 0.5%. No patients had systemic infections. Surgical site infections are most often found in patients with premature rupture of membranes (PROM), and patients with emergency caesarean section, OR 3.715 (95% CI 1.347 to 10.248) and OR 2.236 (95% CI 0.796 to 6.282), respectively. Repeated cesarean was indication for caesarean section in 42% of cases, while PIH syndrome had a share of 13.2%, cephalopelvic disproportion 11.4%, PROM 10%, fetal asphyxia 9.6%, breech presentation 8.2%, intrauterine growth restriction 7.3%, dystocia was indication in 5.9% and preeclampsia/eclampsia in 4.6% of patients. Cases with concomitant morbidity were found in 26.9% of patients examined.

Conclusion

Complications after caesarean delivery were rare. Surgical site infections are most often found in patients with PROM and patients who had an emergency caesarean delivery.

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Fehmi Ahmeti,¹ H Derguti,¹ B Krasniqi,¹ E Ahmeti²

¹University Clinical Centre, Prishtina, Kosovo

²University of Prishtina, Kosovo

Correspondence: Fehmi Ahmeti, Obstetrics and Gynecology Clinic, University Clinical Centre, Prishtina 10000, Kosovo, Tel 37744160986, Email fehmi Ahmeti@hotmail.com

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Conflicts of interest

None.