

Prevalence and risk factor of postoperative adhesions following repeated cesarean section: A prospective cohort study

Abstract

Objective: To evaluate the prevalence of intraperitoneal adhesions after repeated cesarean delivery and its associated personal and surgical risk factors.

Methods: This prospective cohort study was conducted at the delivery ward at Fayoum University Hospital from October 2020 to December 2021. Women were recruited according to predetermined inclusion and exclusion criteria. Eligible women were interviewed, and data were obtained for personal history, past surgical and obstetrical history, and data about the current delivery. Nair's scoring system was used to evaluate intraperitoneal adhesions. Postoperative data and complications were reported.

Results: Three hundred women were recruited. Moderate to severe adhesions occurred in 186 patients (62%). These patients had a significantly prolonged hospital stay and were delivered by expert surgeons.