

Indications for Caesarean Section Delivery at Wijaya Kusuma Hospital

Lumajang

Ervina Rachmawati S.ST., M.P.H (Supervisor)

Lubna Azizah

Health Information Management

Health Department

ABSTRACT

A Caesarean section is an artificial delivery through the abdomen by making an incision in the uterine wall. According to the WHO, the ideal rate for Caesarean sections in a country is 10–15% per 1,000 live births worldwide. In 2024, Caesarean sections accounted for an average of 75.9% of all deliveries at Wijaya Kusuma Hospital, Lumajang. This study aimed to determine the indications for Caesarean section delivery, including age, placenta previa, CPD, prolonged labor, preeclampsia, PROM, fetal malpresentation, fetal distress, and large fetus. This was an observational analytical study with a cross-sectional design. Data collection used medical records. The sample of this study consisted of 238 cases of childbirth using a simple random sampling technique. Data analysis used univariate and bivariate using the Chi-Square test. The results showed that the variables of placenta previa (p value = 0.050), CPD (p value = 0.000), prolonged labor (p value = 0.000), fetal malpresentation (p value = 0.000), and fetal distress (p value = 0.001) were associated with cesarean delivery. While the variables of age (p value = 0.523), PROM (p value = 0.113), preeclampsia (p value = 0.132), and large fetus (p value = 1.000) were not associated with cesarean delivery. Conclusion: In this study, placenta previa, CPD, prolonged labor, fetal malpresentation, and fetal distress are indications for cesarean section delivery. Suggestion: Hospitals are expected to improve promotive and preventive efforts related to indications for cesarean section delivery through health education activities for pregnant women. Providing education about danger signs of pregnancy needs to be continuously improved, so that pregnant women and their families can immediately seek medical help in case of emergency conditions such as placenta previa, CPD, prolonged labor, or fetal distress.

Keywords: CPD, fetal distress, fetal malpresentation, placenta previa, prolonged labor, sectio caesarea.