

**FACTORS INFLUENCING MODE OF DELIVERY IN TERTIARY
WOMEN'S HOSPITAL, YANGON**

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ABSTRACT

The research examines the determinants of the mode of delivery of reproductive age women in a tertiary women's hospital, Yangon, Myanmar.

The sample size was 1828 cases and the data was taken from a clinical survey funded by W.H.O and conducted in August 2002. The mode of delivery was divided into three main outcomes: vaginal, elective, and emergency caesarean section.

Bivariate analysis shows a significant relationship between mode of delivery and both biological and socioeconomic characteristics of women. By operating multinomial logistic regression, it indicates that both social and biological factors are important determinants of the mode of delivery. Biomedically high risk group women such as women over 35 years of age who are expecting their first child (elderly primary gravida) are more likely to undergo caesarean section (RRR=5.1). In addition, the place of antenatal visit also shows a statistically significant relationship with mode of delivery, and women who seek antenatal service in private hospital/ clinics were found to be more likely to undergo elective caesarean section (RRR=8.5).

This study suggests that caesarean section should only be performed when it is absolutely necessary in the interest of the mother and/or child. This may be expected to reduce the number of unnecessary caesarean sections.

**KEY WORDS: CAESAREAN SECTION / MODE OF DELIVERY /
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