

# Clinical experience of “en caul” Cesarean deliveries for preterm infants

Yong Mi Kim, Jeong In Yang, Haeng Soo Kim

Department of Obstetrics and Gynecology, Ajou University School of Medicine, Suwon, Korea

## Objective (목적)

To describe an alternative method of Cesarean deliveries for preterm infants and compare the neonatal outcomes to the conventional Cesaren deliveries.

## Methods (연구 방법)

7 preterm deliveries with abnormal presentation, successively delivered by “en caul” method (study group) and 7 preterm deliveries with abnormal presentation, delivered by conventional Cesarean section, matched by gestational age at the delivery (control group) were enrolled. Umbilical artery blood samples were immediately collected after delivery for gas analysis and cell count in two groups. The neonatal outcomes were compared between two groups.

## Results (결과)

The range of gestational age on delivery were 27 to 31 gestational age. There were no significant differences of blood gas analysis and hemoglobin in umbilical artery in two groups. Also the neonatal weights and Apgar score at 1' & 5' didn't show the differences between two groups.

## Conclusion (결론)

The “en caul” Cesarean delivery method can be effected in preterm pregnancies with abnormal presentation.