

records in the same day with perinatal death using the ratio 2 : 1, and were selected from mothers with livebirth before and after the study case.

Perinatal mortality rate was found to fluctuate between 21.4, 15.1, 15.5, 19.5 in the year 2527, 2528, 2529, 2530, respectively. The apparent reduction in perinatal mortality rate was mainly from neonatal death. Wigglesworth classification was used to classify perinatal death. It was found that preventable causes of death was asphyxia leading to fresh stillbirths. Totally this accounted for 26.0%. If we consider birth weight groupings, in the group with birth weight 2500+ asphyxia accounted for 43.4% while in the low birth weight group asphyxia was found to be the cause in 17.4% while totally deaths from prematurity was found to be 19.0% and death by specific causes 22.7%. Antenatal and intrauterine deaths with maceration accounted for 22.3%. Congenital malformation was found to be 10.0%

Factors significantly associated with perinatal death were low birth weight, complication of delivery, fetal presentation, type of delivery, number of antenatal visit and parity.

It was found that perinatal death was highly associated with birth weight but showed slight association with complication of delivery. The remaining factors indicated above were poorly associated with perinatal death.

Factors with no statistical significance were maternal age, pregnancy loss, service and private care, sex of baby, maternal education and attendant at delivery.

There were various reasons for each of these factors not being statistically significant.

Risk factors on perinatal death ranked from high to low were low birth weight , breech extraction, breech presentation. Factors with relative odds of less than 4 on perinatal death were parity, (first, third, fourth, fifth and over) mother who had no antenatal visit or number of antenatal visit of less than 4, birth weight more than 4,000 gms, face presentation, forceps and vacuum extraction, caesarean section and complication of delivery.