Magnitude and factors associated with episiotomy among mothers who delivered vaginally at Debre Referral Hospital, Ethiopia - Markos

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Episiotomy is the surgical enlargement of the vaginal orifice by an incision of the perineum during the second stage of labor or just before delivery of the baby. It was common to perform an episiotomy for almost all women having their first delivery, ostensibly for prevention of severe perineum tears in explosive period and easier subsequent repair. The aim of the study was to determine magnitude and the associated factors among mothers who were delivered vaginally in Debre-Markos Referral Hospital, Amhara, North West Ethiopia. A one year’s Institutional based retrospective cross-sectional study design, with systematic random sampling techniques on 331 sample size was carried out from a total of 2145 population who had vaginal delivery in Debre-Markos referral hospital. A chi square test and odd ratio were used to see the association and strength between dependent and independent variables. P-value <0.05 were considered through the analysis. Prevalence of performing episiotomy was 42% (132) after, bi-variate analysis through chi-square, it was found that a significant association of episiotomy with gravidity (OR= 3.69(95% CI(2.32,5.86))), parity (OR= 3.85(95% CI(2.41,6.15))), mode of delivery (OR= 4.66(95% CI(2.91,7.45))), birth weight (OR= 0.04(95% CI(0.16,0.1))), duration of 2nd stage of labor >30 min considered as prolonged ((OR= 0.22(95% CI(0.84,0.06))), fetal condition during delivery (OR= 10.08(95% CI(2.00,51.9))), APGAR score at first and 5 min during delivery and age of parturient while, there was no significant relation with fetal presentation during labor. Prevalence of episiotomy in the institution was 42% and this was much higher than 10% which is recommended by WHO.

Biography
Fikirte Wubamlak Aynalem has completed her Bachelor of Science in Midwifery from Debre-Markos University. She has been working as a Supervisor for the data collectors in a WHO funded International non-Governmental Organization (NGO), Orthodox Christian Charity (IOCC) research team for the last two years. Now, she is a senior Midwifery professional under Addis Ababa City Government Health Bureau, Ethiopia.

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