

## International Congress on MIDWIFERY AND MATERNAL HEALTH

July 23, 2023 | Webinar

**Tetanus toxoid immunization****Jembere Tesfaye***Central South University, China*

**Statement of the problem:** The risk of neonatal tetanus infection will be reduced while the pregnant women took two doses of maternal tetanus toxoid vaccine. However, low levels of immunization coverage, mostly due to missed opportunities, are a concern. This study was conducted among 505 mothers who had given birth in the last 12 months. A two-stage stratified sampling technique was applied and the participants were selected using a systematic random sampling technique. Bivariable and multivariable logistic regression analysis was performed. Adjusted odds ratios (AORs) at 95% CIs were used to identify factors associated with tetanus toxoid immunization. The total tetanus vaccine intake (TT+2) doses were found 71.2 %. Mothers who were attended primary school [AOR: 0.07, 95% CI: (0.01-0.6)], mothers whose husbands had secondary education [AOR: 0.26, 95% CI: (0.08-0.84)], mothers attended 2-3 for antenatal care (ANC) visit [AOR: 0.05, 95% CI: (0.01-0.3)], good quality service [AOR: 2.8, 95% CI: (1.05-7.5)], appropriate behavior of health workers [AOR: 6.2, 95% CI: (2.2-18.7)] and who visited with health extension workers [AOR: 7.6, 95% CI: (2.3-25.3)] were significantly associated with TT vaccine utilization.

**Conclusion:** In only three out of four pregnant women received the current TT vaccine during their previous pregnancy. The most influencing factors in TT vaccine utilization were mothers and her husband's low educational level, 2-3 times ANC visit during pregnancy, standard of health care service, health care provider's behavior and mothers visited with health extension staff.

**Biography**

Jembere Tesfaye has completed his Master of Science in Maternal and Child Health from Central South University, China. He is the Coordinator of Midwifery department at Addis Ababa University, Ethiopia. He has published about 24 research papers in reputable journals. He is serving as Assistant Professor in AAU and a member of Federal Health Professionals Ethics Committee in Ethiopia.