**ABS\_ID063**

**Title:** Maternal Death Surveillance System Evaluation, Liberia 2016-2018

Authors: Tilekpeh Weh-Johnson1, K..Deemie1, I.Cole1, O.Woods1,T.Nyemah2,B.Vonhm3,P.Adewuyi4

Author’s Affiliation:

1NCHT

2WHO

3NPHIL

4AFENET

**Introduction:** Pre/Eclampsia (pregnancy hypertension) Sepsis, Anemia Obstetric Hemorrhage account for more than 50% of maternal death worldwide. Early arrival at health facility, early detection and effective management of these conditions depends on a unique and strong surveillance system in a given Country. This Study aim to describe some quantitative and qualitative attributes of maternal death surveillance system, to determine the usefulness of the surveillance system, to make recommendation based on our finding.

**Methods:** A descriptive cross –sessional study was conducted. We purposively sampled 32 stakeholders from the five health regions of Liberia including National. We assessed the attributes and usefulness of the surveillance system using the CDC updated guidelines.

**Results**: Of the total of 32 respondents, male were 18 (56%), the median age was 33(26-53) years. **Usefulness**: All respondents agreed that the system is useful, 32(100%) understand the objectives of the maternal death surveillance to reduce Maternal death in Liberia, 30(94%) agreed that they have participated in Maternal Death audit, 30(94%) agreed that maternal death audit is used to take action. **Simplicity**: All respondents defined maternal death ,30(94%) agreed that they were able to adapt to the changes, 30(94%) admitted that the changes were easy to adapt because, they are using numbers rather than writing sentences. **Timeliness**:32(100%) agreed that the time interval for maternal death notification was 24hrs,18(56%) agreed that it takes 24-72hrs to review maternal death, **Data Quality**: 30(94%) agreed that data validation is conducted in their facilities on monthly and quarterly basis by District and County respectively.

**Conclusion:** The system is useful, simple, and maternal audits are done in timely manner. We recommend that the system is further evaluated to determine if it is meeting its objectives.