

## **Performance of Midwives on Tuberculosis control activities in Mandalay Region, 2016**

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### **Abstract**

In Mandalay Region, there were 9420 registered TB cases in 2015, and the region is one of the areas with high MDR-TB cases in Myanmar. Out of 28 townships in Mandalay Region, 14 townships did not get treatment success rate (85%) in 2015. This study was conducted to evaluate the performance of midwives for tuberculosis control activities, and to explore challenges to conduct the activities. The pre-tested self-administered questionnaires were used as the assessment tool, and distributed to 255 midwives working at different public health facilities from six townships of the Region. Two focus group discussions with midwives were also done. The mean (SD) age of participants was 36 (10) years. Most of them (62%) were working at sub-centers. Almost all (93%) of them had ever received trainings on TB control during their working years. Majority (86%) of them had received the manual for TB control activities for basic health staffs. One third of midwives had poor knowledge on tuberculosis. For TB control activities, 70% of midwives responded that they had performed all activities. However, 30% couldn't make it. The most common activities they could perform were health education to the patients and communities (99%), referring presumptive TB patients (97%), and sputum collection (96%). Age, service years, and incentives for TB control activities were found to be statistically associated with performance of all TB control activities among midwives. Major challenges for them to perform TB control activities included being assigned with various health-related activities for midwives, weak community engagement. NTP should urgently need to update the knowledge on TB for midwives and other basic health staffs, distribution of updated TB control manual for every one of them, review on important registers they are using.