

APRU Global Health Conference 2021

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The University of Hong Kong, Pokfulam, Hong Kong

Abstract No. 118 Abstract Title: Knowledge, Attitude and Practice Towards Hepatitis B Infection Among Midwives in Khartoum Bahri Midwifery School in Khartoum, Sudan 2019.

Theme Infectious diseases

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Purpose / Background:

- Health workers are at risk of exposure to blood-borne diseases like hepatitis B, the leading cause of liver failure.
- Midwives are an important part of healthcare workers, therefore the knowledge, attitude and practice of midwives don't reflect only their health risks towards hepatitis B but indicate the possibility of their families and patients' exposure to the disease.
- The goal of this study is to measure the level of knowledge, attitude and evaluate practices among midwives in Khartoum Bahri Midwifery School, Khartoum State, Sudan.

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Methods:

- Part of a vaccination campaign organized by the National Center of GIT and Liver Diseases and Khartoum Medical Students Association.
- A cross-sectional descriptive study was conducted among midwives at Khartoum Bahri midwifery school, Khartoum state, Sudan.
- A pre-tested and pre-validated questionnaire was implemented to examine knowledge, attitude and practice towards hepatitis B prevention.
- SPSS version 23.0 was used to conduct statistical analysis.
- Chi-square testing was used to determine the relationship between categorical variables.

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Results & Conclusions:

Results:

- A total of 39 midwives participated in the study.
- The results demonstrated that 94.8% had moderate knowledge,
- 94.8% had a moderate attitude, especially among the married participants in this study who achieved higher attitude scores in comparison to single midwives. Only 41.0% of the participants had a moderate practice.
- 56.4% had a history of needle stick injuries, while only 23.1% completed hepatitis B vaccination.

Conclusion:

- The majority of midwives at Khartoum Bahri Midwifery School were aware of their risk of hepatitis B infection. However, approximately three quarters mentioned that HBV is transmissible through coughing and sneezing.
- All midwives were vaccinated against hepatitis B, but only a minority were fully vaccinated.
- Also, a small majority had a history of needle stick injury.
- Training programs, screening and vaccination campaigns among midwives are recommended.