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Knowledge of Hepatitis B Vaccine and Vaccination Status of Theatre Personnel at ATBUTH, Bauchi

Connaissances sur le Vaccin contre l'Hépatite B et Statut de Vaccination du Personnel du Théâtre à l'ATBUTH, Bauchi

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ABSTRACT

BACKGROUND: Hepatitis B virus infection affects millions of people worldwide and is transmitted vertically and through contact with infected blood or body fluids. Frontline Healthcare workers are at increased risk of contracting HBV infection and the HBV vaccine is a crucial preventive measure recommended by WHO to safeguard healthcare workers.

OBJECTIVES: To investigate the awareness and knowledge of hepatitis B virus infection, to evaluate current vaccination status among theatre personnel, and to identify factors influencing vaccine uptake.

METHODOLOGY: This is a cross-sectional study conducted among 85 theatre personnel of ATBUTH Bauchi. Convenience sampling method was used to select participants, each participant gave consent to participate in this study. A structured questionnaire was used to collect data, which was analysed using SPSS version 25.

RESULT: Hepatitis B virus vaccine is safe according to 85% of respondents, 92% agreed that they would recommend the vaccine to other surgical staff and that it should be given as part of workplace safety. However, only 33% of respondents had completed their vaccination, while 31% had not started. The main reasons given for not being vaccinated were because they had no time to attend and did not know about the vaccine or did not have enough information regarding it.

CONCLUSION: The majority of study respondents were aware of and had a good knowledge of HBV and its' vaccine. However, vaccination status is very low among theatre personnel of ATBUTH Bauchi. Healthcare workers should be enlightened about the benefits of the HBV vaccine. **WAJM 2024; 41 (2): 191- 196.**

KEYWORDS: hepatitis B, vaccine status, theatre personnel, Bauchi

RÉSUMÉ

CONTEXTE: L'infection par le virus de l'hépatite B affecte des millions de personnes dans le monde et est transmise verticalement et par contact avec du sang infecté ou des liquides biologiques infectés. Les travailleurs de la santé de première ligne sont plus susceptibles de contracter une infection par le VHB et le vaccin contre le VHB est une mesure préventive cruciale recommandée par l'OMS pour protéger les travailleurs de la santé.

OBJECTIFS: Enquêter sur la sensibilisation et les connaissances de l'infection par le virus de l'hépatite B, évaluer le statut de vaccination actuel parmi le personnel du théâtre, et identifier les facteurs influençant l'acceptation du vaccin.

MÉTHODOLOGIE: Il s'agit d'une étude transversale menée auprès de 85 membres du personnel du théâtre de l'ATBUTH Bauchi. La méthode d'échantillonnage de convenance a été utilisée pour sélectionner les participants, chaque participant ayant donné son consentement pour participer à cette étude. Un questionnaire structuré a été utilisé pour collecter les données, qui ont été analysées à l'aide du logiciel SPSS version 25.

RÉSULTAT: Selon 85 % des répondants, le vaccin contre le virus de l'hépatite B est sûr, 92 % ont convenu qu'ils recommanderaient le vaccin à d'autres membres du personnel chirurgical et qu'il devrait être administré dans le cadre de la sécurité au travail. Cependant, seuls 33 % des répondants avaient terminé leur vaccination, tandis que 31 % n'avaient pas commencé. Les principales raisons données pour ne pas être vaccinées étaient qu'elles n'avaient pas le temps d'assister et ne connaissaient pas le vaccin ou n'avaient pas suffisamment d'informations à ce sujet.

CONCLUSION: La majorité des répondants de l'étude étaient conscients et avaient une bonne connaissance du VHB et de son vaccin. Cependant, le statut de vaccination est très faible parmi le personnel du théâtre de l'ATBUTH Bauchi. Les travailleurs de la santé devraient être informés des avantages du vaccin contre le VHB. **WAJM 2024; 41 (2): 191- 196.**

MOTS-CLÉS: hépatite B, statut de vaccination, personnel du théâtre, Bauchi

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