Knowledge Attitude and Practice of Thirty-third Village Citizens toward Asbestos

Salih Boushra1, Rogaia Hassab alrasol1, Ali Elzain1, Tagwa Omer1, Shiraz Noor1, Raheeg Bashir1, Amal Abdallah1, Tanzil Yousif1, Gadeer Tarig1, Hassan ElShami1, Sozan Ahmed1, Ahmed Alsayed1, Mosab Abass1 and Mahboub EL Hashemi2,3

Omdurman Islamic university 2Oregon health & science university Portland, Oregon, USA 3International University of Africa

Abstract Background: Asbestos fibers are present in the natural environment due to erosion of surface deposits. asbestos can lead to many diseases like: asbestosis, lung cancer, mesothelioma of pleura or peritoneum, and can cause groups of other cancers including: laryngeal cancer, gastro-intestinal tract and kidney cancer. Our goal was to assess the knowledge, attitude and practice of Thirty-third Village citizen in Halfa Aljadida toward asbestos. Methods: We used a Cross-sectional descriptive study design. A questionnaire, interviewer–administered, which included 18 items were employed on a convenient sample consisting of

384 participants from Thirty-third village citizens in Halfa Aljadida. Results: A Vast majority of the participants 286 (74.22%) knows asbestos and it’s usage in their village such as building, water supply and its hazards and 98 (25.78%) don’t know it. About 78.9 of participants exposed to asbestos, (48.7%) were exposed at home , exposure was from house roofs 142 (36.98%), water pipes 3 (0.78%) and from both sources 144 (37.50%), 2 (0.5%) exposed at work , and 81 (21.1%) were not exposed to it. About 279 (72.7%) Exposed to asbestos for more than one year, 7 (1.8%) for more than one month and 3 (0.8%) for more than one day. About 378 (97.66%) of participants don’t use any safety equipment regarding their exposure and only 9 (2.24%) use safety equipment like gloves1 (0.3%) and masks 5 (1.3%). Conclusion: Asbestos is widely use in Thirty-third village in Halfa Aljadida and more effort should be done to eliminate asbestos containing houses and water supplies.

Biograph:

Tagwa Omer has completed her Becholer degree from Faculty of Medicine and Health sciences Omdurman Islamic University at 2018. she is now working as internship student in govermental hospitals. published these paper at Jaurnal of

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Tagwa Omer Mohamed Abdelrahman

+249 997103723

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