Knowledge attitude and practice of thirty third village citizens toward asbestos exposure sudan 2018

Salih Boushra, Rogaia Hassab alrasol , Tagwa Omer , Ali Elzain , Raheeg Bashir , Tanzil Yousif , Shiraz Noor , Amal Abdallah , Gadeer Tarig , Hassan ElShami , Sozan Ahmed , Ahmed Alsayed, Mosab Abass.

Abstract

Problem statement: Currently about 125 million people in the world are exposed to asbestos at the workplace. In 2004, asbestos-related lung cancer, mesothelioma and asbestosis from occupational exposures resulted in 107,000 deaths and 1,523,000 Disability Adjusted Life Years (DALYs). In addition, several thousands of deaths can be attributed to other asbestos-related diseases, as well as to nonoccupational exposures to asbestos. Our aims is to improve the knowledge ,attitude ,and practice level of people in order to protect people from asbestos and asbestos–related diseases and to determine the sources of exposure to asbestos and to determine knowledge attitude and practice level in relation to age. Methodology and theoretical orientation: The study was Cross-sectional descriptive study. A questionnaire, interviewer–administered, that included 18 items was employed on a convenient sample consisting of 384 participants from thirty third village citizens in Halfa Aljadida. Findings: Vast majority of the participants 286 (74.22%) knows asbestos and it's usage in their village, such as usage of it in building, water supply and its hazards and 98 (25.78%) don't know it. 78.9 of participants exposed to asbestos,(48.7%) were exposure at home , exposure were from houses roofs 142 (36.98%) , water pipes 3 (0.78%) and from both sources 144 (37.50%). 2 (0.5%) were exposure at work . 81 (21.1%) were not exposed to it. 279 (72.7%) exposed to it for more than one year, 7 (1.8%) exposed to it for more than one month and 3 (0.8%) for more than one day. 378 (97.66%) of participants don't use any safety equipment regarding their exposure to asbestos and only 9 (2.24%) use safety equipments 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. Recommendations: 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.

Biography:

Tagwa Omer graduated from faculty of medicine and health sciences Omdurman Islamic university 2018. she has a short experience in hospitals. She participated in number of ongoing researches.

Full Name: Tagwa Omer Mohamed

Contact number: +249997103723

Email: tagwa97@hotmail.com