

An Experimental Study to Evaluate the Effectiveness of Video Assisted Teaching on Knowledge Regarding Early Sign & First aid Management of Cardiac Symptoms among General Population of Rohtas, Bihar

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Abstract: *Introduction: Cardiovascular disease (CVD) is the leading cause of death worldwide. The prevalence of coronary artery disease (CAD), a major contributor to CVD, is related to the increasing Prevalence of modifiable risk factors, previous studies identified diabetes mellitus, hypertension, hypercholesterolemia, smoking, alcohol consumption, obesity and sedentary lifestyle as risk factors. However, certain risk factors may predominate in certain regions. Smoking is the main determinant of ischemic heart disease (IHD) amongst the East Indians of Bangalore, India and populations of certain Arab countries. India is also experiencing a large rise in chronic diseases, especially heart disease, stroke and diabetes. Cardiovascular disease will be the largest cause of death and disability by 2020 in India. It has been forecasted that 2.6 million people will die from coronary heart disease, which constitutes 54% of all cardiovascular disease deaths.*

AIM: To evaluate the effectiveness of video assisted teaching on knowledge regarding early sign & first aid management of cardiac symptoms among general population of Rohtas, Bihar

METHODOLOGY: The Experimental research is conducted using group pre-test and post-test design at Karkatpur, Akhorigola, Rohtas, Bihar from 6/02/2023 to 11/02/2023. A self-structured questionnaire tool was used to assess the knowledge regarding early sign & first aid management of cardiac symptoms among 60 general population by adopting random sampling technique. Pre-test is conducted by using questionnaire tool and immediately after pre-test video assisted teaching programme was implemented. Just after the implementation of video, post-test was conducted by using same questionnaire tool. The results were analysed using descriptive and inferential statistical.

RESULTS: The present study was aimed at assessing the effectiveness of video assisted teaching on knowledge regarding early sign and first aid management of cardiac symptoms among general population Akhorigola, Bihar. The relevant data was collected statistically based on objectives of the study. There are 60 participants. Before intervention in pre-test about early sign (10%) has good knowledge, (50%) has moderate knowledge and (40%) has poor knowledge. Whereas about first aid management (5%) has good knowledge, (70) has moderate knowledge and (25%) has poor knowledge. After intervention there is increase in knowledge about both early sign and first aid management. In post-test (88%) has good knowledge, (12%) has average knowledge and (0%) has poor knowledge about early sign. Whereas (66.7%) has good knowledge, (30%) has average knowledge and (3.3%) has poor knowledge regarding first aid management.

CONCLUSION: At last as a researcher we concluded that there is increase in knowledge regarding early sign and first aid management of cardiac disease after video assisted teaching and there is no any correlation between both the variable early sign and first aid management. There is no association.

Keywords: Valuate, Effectiveness, Video Assisted Teaching, knowledge, Early sign, First aid management, cardiac disease.

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