A Study to Assess the Effectiveness of Video Assisted Teaching Programme on Knowledge Regarding Prevention of Coronary Artery Disease among Students In A Selected Arts College of Durg,Chhattisgarh (State)

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Abstract: *Coronary artery disease is an obstructed blood flow through the coronary arteries to the heart muscles. The primary cause of coronary artery disease is atherosclerosis. The term acute coronary syndrome is used to encompass the continuum of coronary artery disease. Coronary artery disease is most prevalent type of cardiovascular disease in adults, more death occurs in middle aged adults. In India, even younger age group are prone to get heart disease due to their health damaging life style.*

This study was conducted to assess the effectiveness of video assisted teaching programme on knowledge regarding prevention of coronary artery disease among students in a selected arts college of Durg, Chhattisgarh (State)

The conceptual framework used in this study was based on J.W.Kenney's open system model. A quantitative approach was used for the present study. Using purposive sampling technique,60 arts students were selected and video assisted teaching given after pre-test. Followed by that post test was conducted on day 7, the collected data was analyzed using descriptive and inferential statistics.

The overall analysis of prevention of coronary artery disease the mean post-test knowledge score of the subjects 28.07 is higher than the mean pre-test knowledge score 18.17. Thecalculated 't' value 19.769nis greater than of table value (1.984) at 0.001 level of significance. This indicates that video assited teaching programme was effective in gaining knowledge regarding the prevention of coronary artery disease. The association between socio demographic variables with pre-test knowledge score significance ($p<0.001$) was tested. Based on the findings indicate that there is a significant difference between pre-test and post-test knowledge score on prevention of coronary artery disease in a selected arts college students at Durg.

Keywords: Assess, effectiveness, knowledge, video assisted teaching program, coronary artery disease