KNOWLEDGE, ATTITUDE AND BEHAVIOR (KAB) OF ENGINEERING STUDENTS TOWARDS HIV/AIDS IN GUNTUR, SOUTH INDIA

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Abstract:

Background:
HIV/AIDS is a global pandemic, which is steadily increasing in severity throughout the developing world. According to WHO 2013 more than 35 million people are living with HIV & 2.1 million people were newly infected with HIV/AIDS. Younger age groups are most commonly affected.

Aims and objectives:
The purpose of this study was to assess HIV/AIDS related knowledge, attitude and behavior among engineering students in and around Guntur, South India.

Material and methods:
A cross-sectional study of 400 students from various engineering colleges in and around Guntur are selected for this study. Total 400 students were randomly selected from I, II, III & IV years (each year 100 students). Close ended questionnaires were given to the students and the collected data was entered in excel sheet using SPSS 20.0. Data was analyzed by using student t-test and Chi-square test.

Results:
Among 400 students, 257 (64.25%) were males and 143 (35.75%) were females. The appraisal of knowledge, attitude and behavior regarding the disease transmission, diagnosis and treatment modalities was statistically significant (p < 0.05) among IV years, followed by III year engineering students. The assessment of knowledge about infection control procedures was more
among males (68.09%) compared to females (56.64%) which was statistically significant (p<0.05).

**Conclusion:**
The knowledge, attitude and behavior of students is more as there is increase in the degree of education. Hence more awareness is to be incorporated among the students to overcome this social evil.