

Current trends and problems related to the use of portable listening devices among college students

Swasti Keshri , Aastha Gupta

Vardhman Mahavir Medical College & Safdarjung Hospital, New Delhi

E-mail: aasthagupta586@gmail.com , swastikeshri7891@gmail.com

Background

The popularity of portable listening devices (PLDs) including iPods has increased dramatically over the past decade. PLDs allow users to listen to music uninterrupted for prolonged periods and at levels that may pose a risk for hearing loss in some listeners, particularly those using earphones. Many of them use earphones while driving and walking on the streets thus posing the risk of accidents. This fact and the very limited studies in this field aroused our interest to pursue this topic.

Objectives

1. To study the knowledge, attitude and practices regarding use of portable listening devices among college students of Delhi.
2. To study health related problems associated with use of PLD among them.

Materials and Methods

Study design

Cross-sectional Study setting: College students studying in various colleges of Delhi
Study area: Delhi
Study population: College students
Exclusion criteria: Students who did not consent
Time frame: July

2012 Sample size: 360 (calculated by taking prevalence as 83.1% according to previous studies taking into consideration an error of 5% and a non-response rate of 10%)
Study instrument:

Questionnaire Sampling Technique

A total sample size of 360 students was taken. These students belonged to 8 different co-ed colleges picked randomly from the list of colleges in North Campus, Delhi and South Campus, Delhi. Data was collected through questionnaire.

Data analysis

The data will be entered into an excel-sheet and analysis will be done using appropriate software. Simple tables and cross-tables will be made and test of significance will be applied ($p < 0.05$).

Results and Conclusions

The study is under process and results will be available shortly.

Keywords: Portable listening devices, earphones, college students