

A Study to Assess the Socioeconomic Impact of Alcohol on Male Alcohol Users Living In Selected Urban Areas of Indore City, Madhya Pradesh, India

Mrs. M.S. Vinsi

Principal, Bombay Hospital College of Nursing, Indore, Madhya Pradesh, India

***Corresponding Author:**

Mrs. M.S. Vinsi

Email: vinsiprince@gmail.com

Abstract: The effects of alcohol consumption by an individual are noticeable in all spheres of individual's life. The adverse effects of alcohol use go far beyond the individual user. Since every person is part of a family, it impacts other family members as well. The study conducted was. "A study to assess the socioeconomic impact of alcohol on male alcohol users living in selected urban areas of Indore city (M.P.). Method of data collection were interview schedule and rating scale, by purposive sampling 100 male alcohol users were selected. Data analysis done by using description and inferential statistics and results shown that substantial level of alcohol dependence among male alcohol users were and to a great extent socioeconomic impact of alcohol affected their lifestyle. There was a significant moderate positive correlation between the two variables i.e. alcohol dependence & socioeconomic impact of alcohol.

Keywords: Alcohol dependence, Socio-economic impact of alcohol, Alcohol Users

INTRODUCTION

WHO estimates that there are about 2 billion people worldwide who consume alcoholic beverages and 76.3 million with diagnosable alcohol use disorders. Globally, alcohol causes 3.2% of all deaths and 4% of DALYs (Disability-Adjusted Life Years). This proportion is much higher in males (5.6% deaths and 6.5% of DALYs) than females (0.6% deaths and 1.3% DALYs) [1].

The problems related to alcohol consumption can be broadly looked at from three dimensions: problem and impact on the individual who consumes alcohol, the impact on family members (comprising of spouse, children and women in the community) and the societal consequence of this consumption. This distinction is difficult to demarcate as one overlaps with the other and the combined effects are felt by society at large. For example, even though an individual is hospitalized due to a road crash, his family suffers equally on all aspects like social (taking care, absence from routine social interactions, change in social status, etc.), economic (loss of pay, increased expenses – direct and indirect, costs of cancelled/postponed events, etc.) and psychological (low confidence, increased distress levels, etc.) aspects [2].

Increased use of alcohol consumption in India and its effects on the individual and family, the investigator felt the need for conducting the study to assess the socioeconomic impact of alcohol among

male alcohol users living in selected urban areas of Indore city [3].

The purpose of the study is:

- To assess the level of alcohol dependence among male alcohol users.
- To determine the socioeconomic impact of alcohol among male alcohol users.
- To find out the correlation between alcohol dependence and socioeconomic impact of alcohol among male alcohol users.

Farah et al conducted a survey to study the prevalence of alcohol consumption, harmful use and dependence among men aged over 18 years in Tarabanahalli and to determine factors associated with alcohol consumption. The Alcohol Use Disorder Identification Test (AUDIT) and Michigan Alcohol Screening Test (MAST) were used. The study concluded that Alcohol consumption was associated with illnesses, domestic violence and financial difficulty. Alcohol use, particularly, harmful use and dependence is common among adult males [4].

Roy A et al conducted a case-control study to assess cardiovascular risk factor among 4465 male alcohol users aged 20-69 years in 10 medium-to-large industries from diverse sites in India. The results found that Systolic blood pressure, diastolic blood pressure & HDL cholesterol were significantly higher in alcohol

users as compared to lifetime abstainers. The study indicated an association suggesting possible harm of alcohol for coronary risk in Indian men [5].

METHODOLOGY

An exploratory study design was used in this study. The study was conducted in selected urban areas of Indore city. The samples were male alcoholic users between the ages of 10-65 years. The sample size was 100. Purpose random sampling was used as sampling technique. The investigators used structured interview schedule, standardized alcohol dependence scale and modified socioeconomic impact of alcohol rating scale to assess the socioeconomic impact of alcohol.

DATA ANALYSIS

Distribution of male alcohol users with regards to their socio-demographic variables.

- Majority of the samples (29%) were in the age group of 18-25 years
- Majority of the samples (70%) were males
- Majority of the samples (76%) were Hindus
- Majority of them (65%) belonged to nuclear family
- Majority of them were graduate (29%) or illiterate (29%)
- Most of the samples (79%) were working for pay

Table 1: Frequency and percentage distribution of alcohol dependence among male alcohol users (n=100)

Dependence Level	Frequency (n)	Percentage (%)
Severe level	6	6
Substantial level	28	28
Intermediate level	61	61
Low level	4	4
Not dependent	1	1

Table 2: Frequency and percentage distribution of socio-economic impact of alcohol among male alcohol users (n=100)

Dependence Level	Frequency (n)	Percentage (%)
Very great extent	24	24
Great extent	71	71
Moderate extent	4	4
Some extent	1	1
Not affected	0	0

Table 3: alcohol dependence socio-economic impact of alcohol among male alcohol users (n=100)

Variables	Mean	SD
Alcohol Dependence	30	7.61
Socio Economic Impact	67	9.82

Objective 1

Assess level of alcohol dependence among male alcohol users

The mean and standard deviation value of alcohol dependence among male alcohol users was 30 and 7.61 (table III), which indicates that the participants were having substantial level of alcohol dependence.

Objective 2

Assess level of Socio Economic Impact of alcohol among male alcohol users

The mean and standard deviation value of Socio Economic Impact of alcohol among male alcohol users was 30 and 7.61 (table III), which indicates that the participants had a great extend of Socio Economic Impact of alcohol

Objective 3

Correlation between alcohol dependence and Socio Economic Impact of alcohol among male alcohol users

Variables	r-value	Result
Alcohol Dependence	0.68 ^s	Moderate positive correlation
Socio Economic Impact		

S = significant $r > 6$ PE

It was evident from table 4 that the r-value computed between alcohol dependence and Socio Economic Impact of alcohol was 0.68, which was greater than 6PE. This indicates that there was a moderate positive significant correlation between the 2 variables i.e. As the alcohol dependent level increases the socio economic impact of alcohol will increase among alcohol users.

RECOMMENDATIONS

A comparative study can be done on male alcohol users in rural and urban areas. A similar study can be conducted on a large scale to estimate the level of alcohol dependence among male alcohol users for generalization of findings.

CONCLUSION

The study findings conclude that as a public health risk factor, alcohol use results in numerous problems to the individual, family and the society. As key public health and primary care practitioners, health visitors, including nurses have an important part to play in achieving goals to help anyone with a problem with alcohol, as well as many other health problems.

REFERENCES

1. Stuart W Gail, Michele LT; Principles and practice of Psychiatric Nursing. 9th edition, 2007. New Delhi: Elseiver, 479-491
2. Townsend C Mary; Psychiatric Mental Health Nursing. 5th edition, 2005. New Delhi: Jaypee, 414-418
3. Carson C Robert, Butcher N James, Mineka Susan & Hooley M Jill: Abnormal Psychology. 13th edition, 2008. New Delhi: Pearson ,413-430
4. Fathima FN, Agrawal Twinkle, Nandish B, Ratnaprabha, Sebastian R, Sharma A, Briguglio S; Alcohol Consumption, 'Harmful Use and Dependence among Adult Males in a Village,' Nat .J. Res. Com. Med, 2012;1(2):109-116.
5. Roy A, Prabhakaran D, Jeemon P, Thankappan KR, Mohan V, Ramakrishnan L *et al*; Impact of alcohol on coronary heart disease in Indian men. Arteriosclerosis , 2010; 210(2): 531-535.