Triggers leading to substance abuse in patients admitted at de-addiction centers in a city of North Karnataka: A qualitative study

Anas Mailadi and Rajesh R. Kulkarni

Department of Community Medicine, KAHER’s, Jawaharlal Nehru Medical College, Nehru Nagar, Belagavi-590010, Karnataka, India

Abstract: Background: Substance abuse is defined as “Harmful or hazardous use of psychoactive substances, including alcohol and illicit drugs”. Main substances abused include tobacco, alcohol, cocaine, opiates, hallucinogens, amphetamines, prescription and over-the-counter drug abuse. Substance abuse results in health and social issues for those who consume them, and also to the family members and the community. The present study aims to find out the triggers leading to substance abuse in patients admitted at de-addiction centers in Belagavi, a city of North Karnataka. Objective: To find out different triggers leading to substance abuse by qualitative in depth interview. Methodology: It was a Qualitative study done using in depth interview from 1st January 2021 to 30th April among 25 participants admitted at the five de-addiction centres located at Belagavi city during the study period. Results: When participants were asked about what was there trigger which lead to initiation of substance use, we got 4 major themes, peer pressure, family background for addiction, relationship breakdown/academic failures, physical environment. Conclusion: There is a need for further studies to detect the community prevalence of substance abuse and the reasons for initiation. Community based studies are vital to find out the magnitude of the problem and its related factors for better decision making. Keywords: Substance abuse, Peer pressure, De-addiction, Relationship breakdown.

Introduction
Substance abuse is defined as “Harmful or hazardous use of psychoactive substances, including alcohol and illicit drugs”. Substance abuse results in health and social issues for those who consume them, and also to the family members and the community [1]. Constant and continuous abuse of substances and drugs can cause dependency which is a group of cognitive, behavioural and physiological phenomena and usually involves a strong impulse to consume substance [2].

Main substances abused include tobacco, alcohol, cocaine, opiates, hallucinogens, amphetamines, prescription and over-the-counter drug abuse. In the modern world, there is no country that is free from the hazardous effects of substance addiction and trafficking. The governments all over the world are at a war with the drug lobbies. But its trafficking is still on the increase. India with its huge population faces this problem on a large scale. Even a small percentage of the population will mean that the actual number is very large [3]. The usage of alcohol can affect almost all organs like liver, brain, cardiovascular system etc. It is well known that tobacco abuse can lead to various cancers and it can also affect all organs [4]. As per 2013- an estimated 246 million globally using substances and cannabis is the most common consumed substance which is followed by opioids [5].

Adolescent drug abuse is also one of the major areas of concern. According to National family health survey 4, in India, percentage of women and men age between 15 to 49 who drink alcohol is 1.2 and 29 respectively [6]. In Karnataka, according to NFHS 5 (2019-2020), women who use any kind of tobacco (%) are 4.6 in urban and 11.1 in rural and 8.5 in total and men who use any kind of tobacco (%) are 21.5 in urban 30.8 in rural and 27.1% in total. Women who consume alcohol (%) are 0.9 in urban 1 in rural and 0.9 in total. Men who consume alcohol (%) are 15.3 in urban 17.4 in rural and 16.5% in total [7].
Studies have proposed different explanations for why some persons become involved in substance abuse. Biological factors like family history of substance abuse, mainly alcohol and tobacco are one of the causes for initiation. Another explanation is that using substances can lead to affiliation with substance abusing peers, which, in turn, give them access to other drugs [8].

Although substance abuse is believed to be a growing problem in Karnataka and especially in Belagavi district, limited studies have been conducted in this area especially to find out the triggers leading to substance abuse. It is difficult to do a community based study because people will not to give information because of laws and legislations banning sale of illicit substances and also because of the risk of being criminally charged. Keeping this in mind, the present study aims to find out different triggers leading to substance-abuse by qualitative in depth interview.

**Objective:** To find out different triggers leading to substance abuse by qualitative in depth interview.

**Material and Methods**

It was a facility based Cross sectional study conducted from 1\textsuperscript{st} January 2020 to 31\textsuperscript{st} December 2020 a period of 12 months. Study population were Patients admitted at the five de-addiction centres namely Hope recovery centre, Sahara de addiction centre, Sri Sakthi hospital, Bapuji hospital and Navjeevan de-addiction centre located at Belagavi city during the study period. Qualitative in depth interview is conducted among the selected study participants from each de-addiction centre to find out different triggers leading to initiation of substance use. We used purposive sampling and 25 in depth interviews were conducted. Interviews were stopped once the point of saturation has reached. Responses of each participant were recorded and then noted down manually. The in depth interview was conducted by providing adequate privacy to the participants in order to get unbiased information. Responses were Categorised into different themes and interpreted. Data was presented in form of texts and verbatim quotes were used to amplify the voices of the informants.

**Ethical clearance:** The study protocol was approved by the institutional ethical committee JN medical college Belagavi, Karnataka (letter number MDC/DOME/184). All participants signed an informed consent form prior to taking part in the study

**Results**

When participants were asked about what was there trigger which lead to initiation of substance use, the following responses were obtained. All the responses obtained were segregated into themes. The major themes were peer pressure, family background for addiction, relationship breakdown/ academic failures and physical environment.

1- **Peer pressure:** Peer pressure and friendly connections was the most common reason stated by participants. It is often difficult for teenagers to ignore their peer groups and this can have a massive influence on their behaviors and actions.

"My friends all were drinking and smoking when I was doing my degree. I was in a hostel where this was very common. Initially I was simply sitting eating all the foods which they bring along with the alcohol. Then they started offering. First I denied but eventually I also started using it.”

Peer pressure is manly happening when someone is away from home especially for educational purpose or for job and it mainly happens in parties or on special occasions.
Some of them stated they initiated substance abuse because their friends will think that they are coward if they are not using substances mainly alcohol or tobacco.

2- Family background of addiction: Some of the participants stated that family background of addiction especially parents or siblings were the trigger for them to start substance use. They felt it as normal since their Parents used to drink from home in front of them.

Some of them said their siblings were the reason for them to start using substance. Siblings also used to smoke and drink in home and they also stated that siblings will offer the substance to them. Most of them stated that tobacco was their first ever substance to use.

Some of them stated that they started drinking in family functions. Family members used to drink alcohol on special occasions and celebrations.
3- **Stress following failure in relationships and academics:** Few of them stated that stress following relationship breakdowns or academic failures were the trigger factor for initiation of substance use. These include stress following disconnection with the family members, lack of support from the family, love or relationship breakdowns or divorce.

- **I started drinking alcohol after my divorce. After separation I started roaming more frequently and because of the stress following divorce I started drinking and now I am addicted to it.**

Some of them stated that stress following the business fallouts. They said that since they had this fall out, they didn’t have money but even then they borrowed and started substance use mainly alcohol.

- **I was doing a small scale business in my hometown. Start up was good but later on it failed. It cost me a huge debt and I was depressed following this and started drinking.**

Relationship breakdown included parent-child relationship breakdown too. Some of them stated that separation from the parents following their divorce was also a reason for them to start using substances.

- **I was thirteen when my parents got divorced. I was living with my dad and brother. I used to feel lonely and our dad used to come very late to home. This was the reason for me to start smoking. Later I started to drink alcohol too when I was seventeen.**

4- **Physical environment:** This includes easy access to substances. They also stated that because of excess free time which they are getting they started using substances. Some of them said that they are working in army and it was easy for them to get alcohol and that’s how they started.

- **I was working in Army in North India. For us alcoholic beverages were easily available. Since it is easily accessible I started using it.**
Some of them stated that because of extreme climatic cold condition they started taking alcohol.

I was working in a farm in Chikmagalur. It was very cold out there in the evening and in the night. Most of the workers used to drink because of this extreme cold climate so I also started with them. Work was only till 3 pm and nothing was there to do after that. So because of this excess time, I started drinking alcohol.

**Discussion**

Our study shows that, main trigger which lead to initiation of substance use were peer pressure, family background for addiction, relationship breakdown or academic failures and physical environment. According to a study done by Mbuthia G et al. some of the factors responsible for initiating substance abuse were; easy accessibility to drugs, peer pressure, poor parenting excess freedom, availability of funds, male gender, stress, not being active in religious activities and the African culture that uphold substances such as alcohol as a socially acceptable drink [9]. These results were in line with our study.

According to a qualitative study done by Rahmati et al. in 2019 in Iran to find out the factors associated with the first time use of substances experience among addicts in undergoing recovery, the participants reported four factors. The first factor was family which includes addiction of any of the family member, positive attitude of family towards substance use, family’s belief that drugs are curative, and a family member selling drugs. The next factor was friends and this include having addict friends at school, military service, marital life, and blindly following friend’s opinion towards addiction. The next factor was partner which can be addiction of a spouse and their compulsions and the forth factor was stress [10].

Similar qualitative study conducted in 2014 by Moradi et al. in Tehran which explained factors which led to initiation of substance abuse in young people and they got four themes. Maternal role, paternal role, family function and discipline methods [11].

**Conclusions**

Main triggers which lead to initiation of substance use were peer pressure, family background for addiction, relationship breakdown/ academic failures and physical environment. There is a need for further studies to detect the community prevalence of substance abuse and the reasons for initiation. Community based studies are vital to find out the magnitude of the problem and its related factors for better decision making. Since the age of initiation of substance abuse is most common in adolescents, more concentration has to be given to this group and it is important to develop and apply preventive, curative and rehabilitative services before it is too late.

Substance abusers frequently seek emergency medical services for various symptoms, but usually they do not talk regarding their substance abuse. Emergency physicians should make sure about usage of substances. It is very important to give more focus on the role of friends and families in substance abuse, training individuals to deal with stress, extending individual’s knowledge about substance abuse and its adverse effects. Social Medias or Mass Medias can be utilized to promote awareness among the public mainly highlighting the major social risks posed by substances.

**Acknowledgements**

We thank management and staffs of de addiction centres and also to all study subjects who participated in the study. The author is grateful to authors/editors/publishers of all those articles, journals and books from where the literature for this article has been reviewed and discussed.
Financial Support and sponsorship: Nil

Conflicts of interest: There are no conflicts of interest.

References


Cite this article as: Mailadi A and Kulkarni RR. Triggers leading to substance abuse in patients admitted at de-addiction centers in a city of North Karnataka: A qualitative study. Al Ameen J Med Sci 2023; 16(2): 146-151.

This is an open access article distributed under the terms of the Creative Commons Attribution-Non Commercial (CC BY-NC 4.0) License, which allows others to remix, adapt and build upon this work non-commercially, as long as the author is credited and the new creations are licensed under the identical terms.

*All correspondences to: Dr. Rajesh R. Kulkarni, Associate Professor, Department of Community Medicine, Jawaharlal Nehru Medical College, KLE University of Higher Education and Research (KAHER), Nehru Nagar, Belagavi-590010, Karnataka, India. E-mail: rajesh2kulkarni@gmail.com

© 2023. Al Ameen Charitable Fund Trust, Bangalore