

## Background:

- Substance abuse refers to the harmful or hazardous use of psychoactive substances including alcohol and illicit drugs
- Among health professionals substance abuse can cause problems threatens to their professional standards and quality of services as well as health care consumers..
- The use of substances has become one of the rising major public health and socioeconomic problems worldwide.
- Thus the study focuses on the status of drug abuse among medical students as there is no baseline study found regarding this.



Image source:  
1. healthstatus.com journal  
2. careexcellence.org

## Objective:

To assess the status of Substance abuse

## Methods :

**Study type & design:** Descriptive type of cross sectional study.

**Study area:** Rangpur district, Bangladesh

**Sample size:** The sample was 212, selected by nonrandomized purposive sampling procedure.

**Data collection tools:** Pretested, modified semi-structured questionnaire

**Data collection technique:** Face to face interview.

**Analysis:** Analyzed using SPSS (Statistical package for social science) software.

## References:

1. Odejide A. O, "Status of drug use/abuse in Africa: a review, "International Journal of Mental Health and Addiction. 2006 May 11;vol. 4, no.2, pp. 87–102
2. WHO, *ATLAS on Substance Use, Resources for the Prevention and Treatment of Substance Use Disorders*, WHO, Geneva, Switzerland, 2010
3. Kessler RC, Crum RM, Warner LA, Nelson CB, Schulenburg J, Anthony JC: Lifetime co-occurrence of DSM-III-R alcohol abuse and dependence with other psychiatric disorders in the National Comorbidity Survey. Arch Gen Psychiatry 1997, 54:613–619.

## Results:

Respondents(n)=212  
Yes:96 & No:116

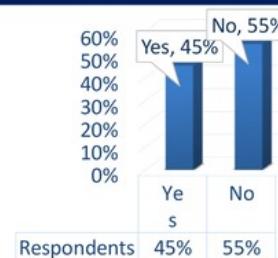


Fig 1. Status of substance abuse (n=212)

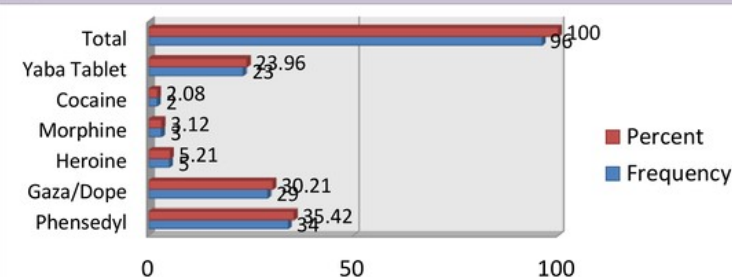


Fig. 2 Different types of substances used by them (n=96)

The study found that 45% of the private medical college students had the habits of substance abuse. Of them 35% take Phensedyl followed by 30.21% Gaza, 23.96% Yaba tablet, 5.21% Heroine, 3.12% Morphine And 2.08% abused Cocaine.

Table 1: Factors influenced drug abuse (n=96)

Substances abuse Influence by	Frequency	Percent
Peer group	48	50
Disappointment in love	36	37.5
Repeatedly fail in exam	12	12.5
Total	96	100.0

Table no.1 shows that for abusing substances 50% respondents were influenced by Peer group, 37.5% by disappointment in love and 12.5% by frustration due to repeatedly failure in exam.

## Conclusion:

About 45% respondents were substance abuser and they were mostly influenced by their friends, disappointment in love and repeated failure in the exam. So they need awareness and motivation to get rid of this problem.

It was a small scale study, for making specific strategy to solve the problem needed further study in a larger scale at National level.

Abstract category:  
**Poster**

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