

## Determining the Factors Influencing Non-Compliance Among Patient on Art Attending HIV OP



### Nursing

KEYWORDS :

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### ABSTRACT

*Be the master of your will and the slave of our conscience” is one of the English proverb which says the importance of self control. But some of the factors like increased population, urbanization more socialization lead the youngsters to loose the self control and get into the problems like alcohol abuse, drug abuse and extra marital contacts. Objective of the study is to determine the factors influencing Non- compliance among patient on ART, to interpret the selected factors in terms of selected socio-demographic variable. The research design selected for the study was descriptive. The population with non- compliance at Madras Medical College & Hospital and Research Institute during the period of the study. A random convenient sampling technique was used. . Sample comprised of 20 patients. Data was collected from 20.12.10 to 22.12.10 between 7-12pm. The results were Strong factors (80-100%) – Transportation facilities, Medication, Moderate factors (60- 80%) – Diet, Life style, Side effects, Mild factors (below 60%) – Knowledge, Stigma & Discrimination, Family Support, Investigations & Health care personnel.*

### I. INTRODUCTION

“Be the master of your will and the slave of our conscience” is one of the English proverb which says the importance of self control. But some of the factors like increased population, urbanization more socialization lead the youngsters to loose the self control and get into the problems like alcohol abuse, drug abuse and extra marital contacts. So the adult population of the world in the risk to get some kind of physical illness. One of the problems of worldwide with broad implementation of social, cultural, economical and political ethical and legal entities is HIV AIDS. It has also firmly established its root in India with the incidence of 2.47 million in the year of 2007 as for the study conducted by NACO. HIV ART is the main type of treatment for HIV or AIDS. It is not a cure, but it can stop people from becoming ill for many years. In worldwide, ART drugs are distributed in all Govt ART centers at free of cost, though people are not ready to get the treatment because HIV related stigma and discrimination are critical barrier to effectively address HIV.

### II. STATEMENT OF THE PROBLEM

Determine the factors influencing Non- compliance among patient on ART attending HIV OP.

### III. OBJECTIVES OF THE STUDY

To determine the factors influencing Non- compliance among patient on ART.

To interpret the selected factors in terms of selected socio-demographic variable.

### IV. RESEARCH METHODOLOGY

The research design selected for the study was descriptive. The study was conducted in Govt General Hospital, Chennai-03. The population of this study comprised of ART patient with non- compliance at Madras Medical College & Hospital and Research Institute during the period of the study. A random convenient sampling technique was used to select the sample. Sample comprised of 20 patients with factors influencing non- compliance.

### IV. DATA COLLECTION PROCEDURE

The investigator obtained prior permission from the concerned authority ART clinic, GGH, Chennai-03. Data was collected from 20.12.10 to 22.12.10 between 7-12pm. The sample was collected by checking their case records. The investigator introduced herself & explained the purpose of study; it effects ensured confidential and obtained verbal consent from the patients. Demographic and clinical data was collected by interview method and data regarding the factors influencing non- compliance among patient on ART by obser-

vation check list.

### V. DATA ANALYSIS AND INTERPRETATION

**Table 1**

S.No	Demographic factor	Number	Percentage
1.	Age		
	20-40yrs	6	30%
	40-60yrs	12	60%
2.	Above 60yrs	2	10%
	Educational status		
	Illiterate	4	20%
	Primary school	4	20%
	High school	5	25%
3.	Higher secondary	5	25%
	College	2	10%
	Occupation		
	Farmer	4	20%
	Employee	8	40%
4.	Cooly	5	25%
	Business	2	10%
	House wife	1	5%
	Income		
5.	2500-5000	8	40%
	5000-10,000	9	45%
	10,000-15,000	3	15%
	Above 15,000	0	0
6.	Marital status		
	Married	12	60%
	Unmarried	3	15%
	Widowed	1	5%
	Divorced	2	10%
7.	Separated	2	10%
	No of Children		
	Nil	8	40%
	One	4	20%
8.	Two	5	25%
	Three	3	15%

7.	Type of family		
	Nuclear family	4	20%
	Joint family	9	45%
	Living alone	7	35%
8.	Personal habit Smoking	0	0%
	Alcohol	8	40%
	Both	7	35%
	Nil	5	25%

**Table 2 The factors influencing the Non- compliance of ART with Percentage**

Factors	Frequency	Percentage
Knowledge	53	53%
Stigma & Discrimination	34	56%
Family support	11	55%
Transportation facilities	18	90%
Diet	42	70%
Life style	36	60%
Investigation	16	40%
Medication	59	98.3%
Side effects	54	67.5%
Health care personnel	16	16%

Depend upon this score this investigator has divided into three types of factor that is below Strong factors (80-100%) – Transportation facilities, Medication Moderate factors (60-80%) – Diet, Life style, Side effects Mild factors (below 60%) – Knowledge, Stigma & Discrimination, Family Support, Investigations, Health care personnel.

Strong factors shows the factors severely influence the Non-compliance Moderate factors shows the factors moderately influence compliance and Non- compliance Mild factors shows the factors are less influence among Non- compliance

## VI. DISCUSSION

The main of the study is to determine the factors influencing Non- compliance among Patient On ART attending HIV OP. the sample size was 20. The data was collected with the help of structured interview technique to determine the Factors Influencing the Non- compliance among patient on ART attending HIV OP. The data analysis used for the study was descriptive statistics.

## The demographic characteristics are:

Majority of the Patients (60%) were 40-60years, Majority of the Patients (75%) were Male, Majority of the Patients (25%) were having educational status of High & Higher Secondary school, Majority of the Patients (40%) were Employee, Majority of the Patients (45%) were having Income of Rs 5000- Rs 10,000, Majority of the Patients (60%) were Married, Majority of the Patients (40%) not having the children , Majority of the Patients (75%) were Hindu, Majority of the Patients (90%) were Mother Tongue of Tamil , Majority of the Patients (65%) were living in Rural, Majority of the Patients (45%) were living with Joint Family, Majority of the Patients (60%) were travelling time is 1-2 hrs , Majority of the Patients (40%) were Alcoholic , Majority of the Patients Family members (55%) were Nobodies having HIV.

- Higher Non-compliance among all the age group of people in Transportation facilities & Medication.
- Higher Non-compliance among both the sex of the people in Transportation facilities & Medication.
- Higher Non-compliance among the Illiterate , Primary School, High School & Higher Secondary comparing to the College people in Transportation facilities & Medication.
- Higher Non-compliance among the Farmer, Cooly , Employee, Buisness & House Wife.

## VII. CONCLUSION

This study determined the stronger factors like Transportation Facilities & Medications are influencing the non-compliance among patient on ART attending HIV OP.

## RECOMMENDATIONS:

- Similar study can be conducted for larger samples.
- Similar kind of study can be conducted for Patients non-compliance who are having any other problems.
- Similar study can be conducted to assess the knowledge of staff nurses regarding problems of ART.

## LIMITATIONS:

- The sample size limited to 20 mothers with normal children.

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