

# PHARMACO-ECONOMICAL PREVALENCE OF PATIENTS NONCOMPLIANCE IN DENTAL THERAPY IN SOLAN (H.P.)

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## ABSTRACT:

Dental problems are not the life threatening problems is the prime belief in the mind of people. Because of this reason the problems associated with the dental is treated on the secondary basis. But the Pharmaco-economical scenario suggested that the dental patients showed non compliance to a lesser degree. The current study tries to reveal the degree of non compliance among the dental patients and the reasons allied with it.

**KEYWORDS:** Pharmaco-economics, dental, noncompliance, analysis

## INTRODUCTION:

Pharmaco-economics deals with the detail study of the financial aspects associated with pharmaceutical formulations. Economics as such tries to manage the profit and losses of the business as well as others prospects too. In this demanding life style every human being tries to make his/her life comfortable. However, in achieving this goal the individual becomes so busy that they forgot their priorities. The patient too become careless and shows noncompliance towards their ailments and the associated therapies. Major determinant accountable for the success of medical therapy is the good patient compliance<sup>1,2,3</sup>. The present research paper, deals with the pharmaco-economical prevalence of patients noncompliance in dental therapy in Solan town of Himachal Pradesh.

## METHODOLOGY:

The study was conducted in varies private dental institutes in Solan town of Himachal Pradesh. This town was specifically and purposively selected due to its widespread medical facilities. The information required in present study was collected using structured questionnaire from 200 patients. In order to meet the requirement of study various analytical, mathematical, statistical and econometric tools have been employed for analysis<sup>4</sup>.

## RESULTS:

Throughout the study, 200 patients were interviewed. Study concealed that 47% of patients were fully compliant while 53% showed noncompliance. The results were analyzed in accordance with Gender, Age, Economical status and factors allied with noncompliance.

### According To Gender

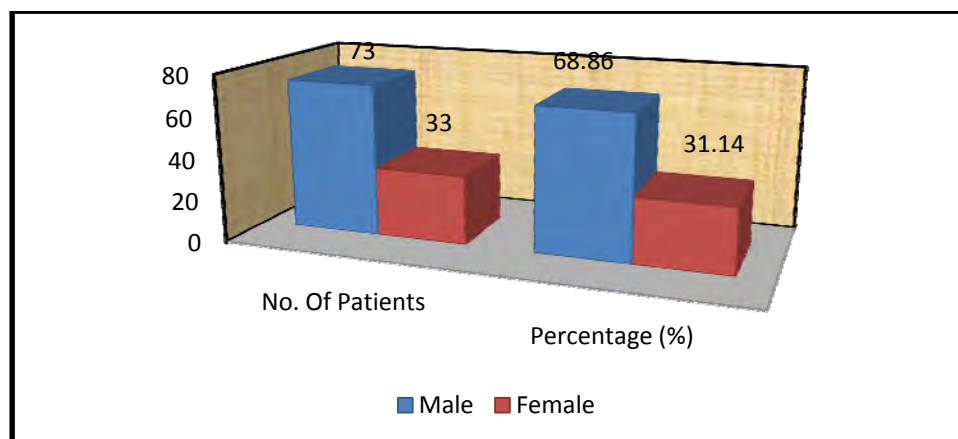


Figure 1 Prevalence Of Patients Noncompliance in accordance with Gender

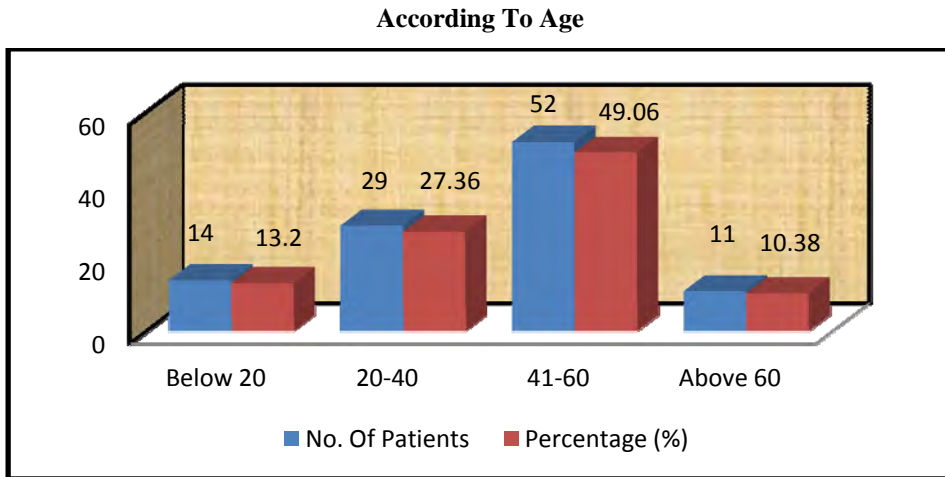


Figure 2 Prevalence Of Patients Noncompliance in accordance with Age

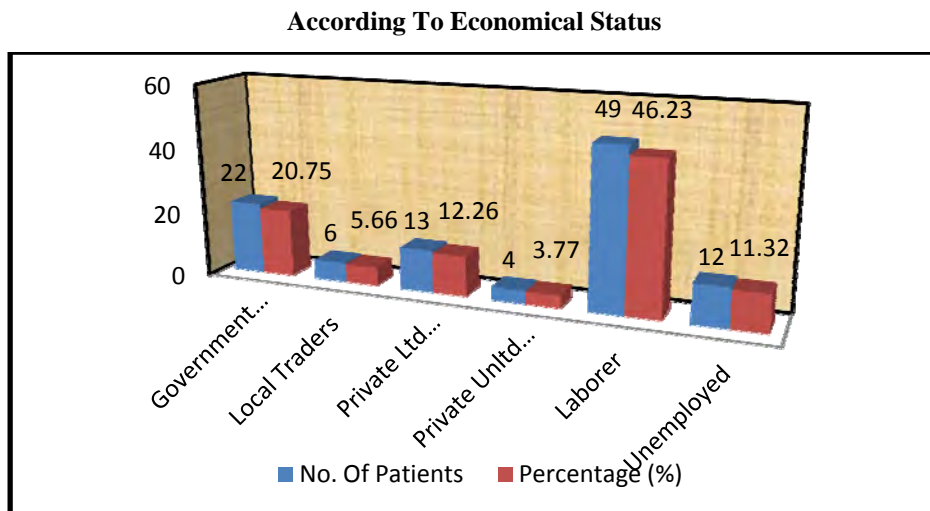


Figure 3 Prevalence Of Patients Noncompliance in accordance with Economical Status

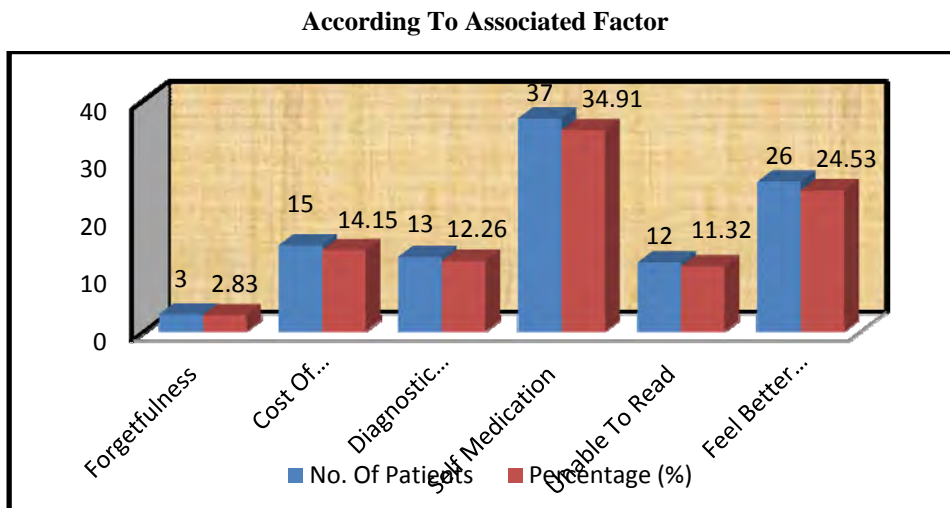


Figure 4 Prevalence Of Patients Noncompliance in accordance with Associated Factors

**DISCUSSION AND CONCLUSION:**

A total of 200 dental cases were analyzed. Out of the total cases, 106 cases showed non compliance because of one reason or the other. The patients under age group 41-60 showed non compliance to a major extent nearly 49.06%. This condition also becomes verse when economically weaker section of labors contributed 46.23% towards non compliance. Self medication (34.91%) and Feel good factor (24.53%) also contributes towards non-cooperation practically.

Our study tries to expose the main reasons of noncompliance<sup>5</sup>:

- The idea of self medication without knowing the actual cause of the dental problem.
- Over utilization of products like tobacco and associated products particularly by the males during the course of treatment.
- Inability of the labor category to spare time for dental therapy.
- A psychological thinking in the mind of people of age group 41-60 for replacement of full denture when long dental treatment is prescribed.

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