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POTENTIAL ANTI SMOKING EFFECT BY USING IMIPRAMINE 25 mg DAILY

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ABSTRACT

Purpose: This study explores the possible positive effect of imipramine on daily cigarettes smoking and if it may enforce stopping smoking during ten days by using 25mg once at night orally

Methods: Using placebo control study. In which adult smokers' volunteers were assigned to one of study groups; control (N=52) or Imipramine group (N=102). All volunteers take their medications as single daily dose at night and start to report number of cigarettes smoked daily for 10 days with reporting side effects appeared during the study.

Results: Imipramine group showed significant: declining in number of cigarettes daily smoked as compared with day1 of study and as compared with control group. 94.1 % of volunteers reduced daily smoking also 11.8 % of volunteers stop smoking at the end of study. Side effects reported in the study were drowsiness and headache and sleep disturbance.

Conclusions: Imipramine was effective to reduce number of daily cigarettes smoked and may help to stop this habit

Keywords: Imipramine, Antidepressant, tobacco, cigarettes smoking

INTRODUCTION

Smoking of Cigarettes consider one of global health problems, and one of leading causes of mortality in the world; [1] this led to many smoke control campaigns and

programs [2]. These programs offered help to stop smoking through forcing or encouraging cessation via behavioral therapy [3] and/or by pharmacological