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Research Article

KNOWLEDGE AND AWARENESS REGARDING DENTAL IMPLANT THERAPY IN SEMI URBAN AREA

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ABSTRACT

To proceed people's awareness about importance of dental implant therapy in semi urban area. Dental implants are replacement tooth roots which provide a strong foundation for fixed or removable replacement teeth that are made to match a natural teeth.

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INTRODUCTION

Leonard Linkow was one of the first to insert titanium and other metal implants into the bones of jaw. Then the artificial teeth were attached to these pieces of metal. In 1965, Branemark placed his first titanium dental implant into a human volunteer. (1) Dental implant is an artificial tooth root that is placed into your jaw to hold a replacement tooth or bridge. Dental implants is an option for people who have lost a tooth or teeth due to periodontal disease, an injury or some other reason.(2). They last for five to seven years, and with proper care often more than 10 years, but if properly placed and cared for overtime they can last for lifetime.(3). They are typically made of titanium, a biocompatible material that is accepted by the body and serves as a strong foundation for replacement teeth. Our natural bone locks the implant into a place by fusing, or attaching itself to the implant.(4)(5)(6) They have many benefits. Some of the major benefits are, retain your natural face shape and smile, protects healthy bone, speak easy, allows to eat our favourite foods, long term solution.(7)(8) There are various types of implants. Endosteal implants are placed in the jawbone. Typically shaped like small screws, cylinders or plates, they are the most commonly used type of implant. Subperiosteal implants are placed under the gum but on, or above, the jawbone. This type of implant may be used in patients who have a shallow jawbone and cannot or do not want to undergo a procedure to rebuild it. Dental implants also come in different sizes and heights, including standard and

narrow (mini). Your dental implant expert is trained to help you determine what option is right for you depending on the tooth or teeth that need to be replaced. (9)(10).

MATERIALS AND METHODS

A questionnaire based survey was conducted in Thiruvalluvar district. 1000 people were included in the study. The age criteria of the participants to include in the study were above 16 years .The questionnaire was simplified eliminating the descriptive type of answered. The data was collected.

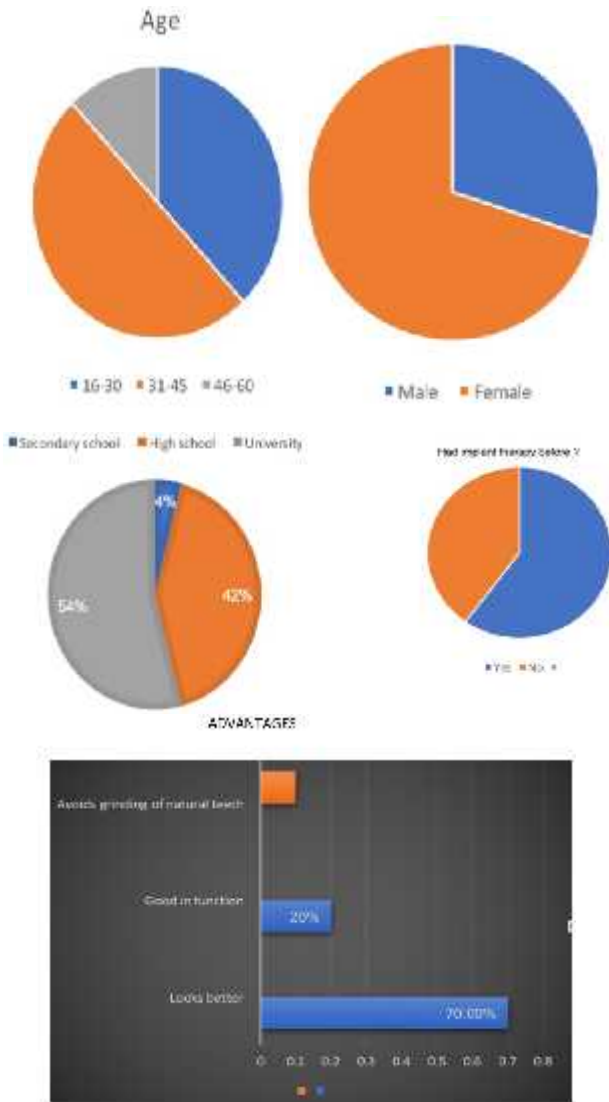
Advantages

RESULT

The data was statistically analysed and tabulated. From the analysis the following results were obtained. 65.4% of the age was between 16-30. Majority were female. 54% were qualified from university. 42% from high school and 4% from secondary school. 75.5% had implant therapy before. 70% believe that major advantage of dental implant therapy is good looks, 20% feel that it provides good functioning of teeth and 10% feel that it avoid grinding of natural teeth. High costs and need of surgery were found to be the disadvantages of dental implant therapy and have equal percentage. 60% got to know about dental implant therapy from friends and 40% from their dentists of area.

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CONCLUSION

The survey reveals in suburban areas the awareness on dental implant therapy is quite significant. The major rule for this awareness is by the motivation of dentists and dental colleges. The population has a fear in surgery involved and high cost. The awareness has to be increased by motivating the population through camps, pamphlets and success rate of previous cases.

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