

KNOWLEDGE AND AWARENESS AMONG PARENTS REGARDING PROSTHETIC REHABILITATION IN CHILDREN

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BACKGROUND: Partially edentulous denture is of two type's namely removable partial denture and fixed partial denture. A removable partial denture can be removed and reinserted it without professional help. Conversely, a fixed prosthesis should be removed only by a dental professional. The congenital absence of teeth is one of the most frequent reasons for the need of complete and partial dentures for young children. Premature loss of primary teeth due to grossly caries may be another reason for the need of complete dentures for preschool children.

AIM AND OBJECTIVE:

To determine the knowledge and awareness among parents regarding prosthetic rehabilitation in partially edentulous children.

METHODOLOGY:

Hundred parents were selected randomly in the general population. A Questionnaire type study was carried out among the hundred parents. The parents were given the questionnaire containing 10 questions and they were asked to mark. This study was conducted to determine the knowledge and awareness among parents regarding prosthetic rehabilitation in children.

RESULTS:

In this survey, 92% of the parents are more aware that prosthetic improve the psychological effect of the children and the parents are more unaware about the types of materials used for partial denture. Unawareness of the parents regarding prosthetic rehabilitation in children may be due to lack of knowledge about the partial denture. This can be overcome by conducting dental camps to improve the knowledge about partial denture.

CONCLUSION:

With our pilot study we suggest programs to improve the awareness about the prosthetic rehabilitation in children. Further research work with more number of parents is recommended.

INTRODUCTION:

Oral health is important to such an extent that it can hinder a person's ability to work and concentrate on his routine. Tooth loss is one of the most important factor which causes distress and some time devastating affect the person's quality life [1]. Perception of edentulous state may range from feeling of inconvenience to the feeling of severe handicapped, because many individuals regard tooth loss equivalent to loss of a body part.[2] Tooth Loss is very traumatic and serious life event that requires social and pschycological readjustment . Replacement of missing teeth by dental prosthesis depends upon multiple factors, among those factors awareness of the patients about dental prosthesis is one of the very important factor [3]. Requirements such as esthetics and functional comfort are considered more important in selection of dental prosthesis and also replacement of anterior is considered more important than posterior teeth by some patients [4]. Dental implants were originally used for treating edentulous patients to improve denture retention, stability, functional efficiency, and quality of life. DIs are widely accepted for prosthetic treatment of completely or partially edentulous patients. Implant-supported prostheses have shown advantages such as increased masticatory efficiency, maintenance of bone, improved function, phonetics, and aesthetics [5]. Therefore a study was planned using questionnaire to evaluate knowledge and awareness among parents regarding prosthetic rehabilitation in children.

MATERIALS AND METHOD:

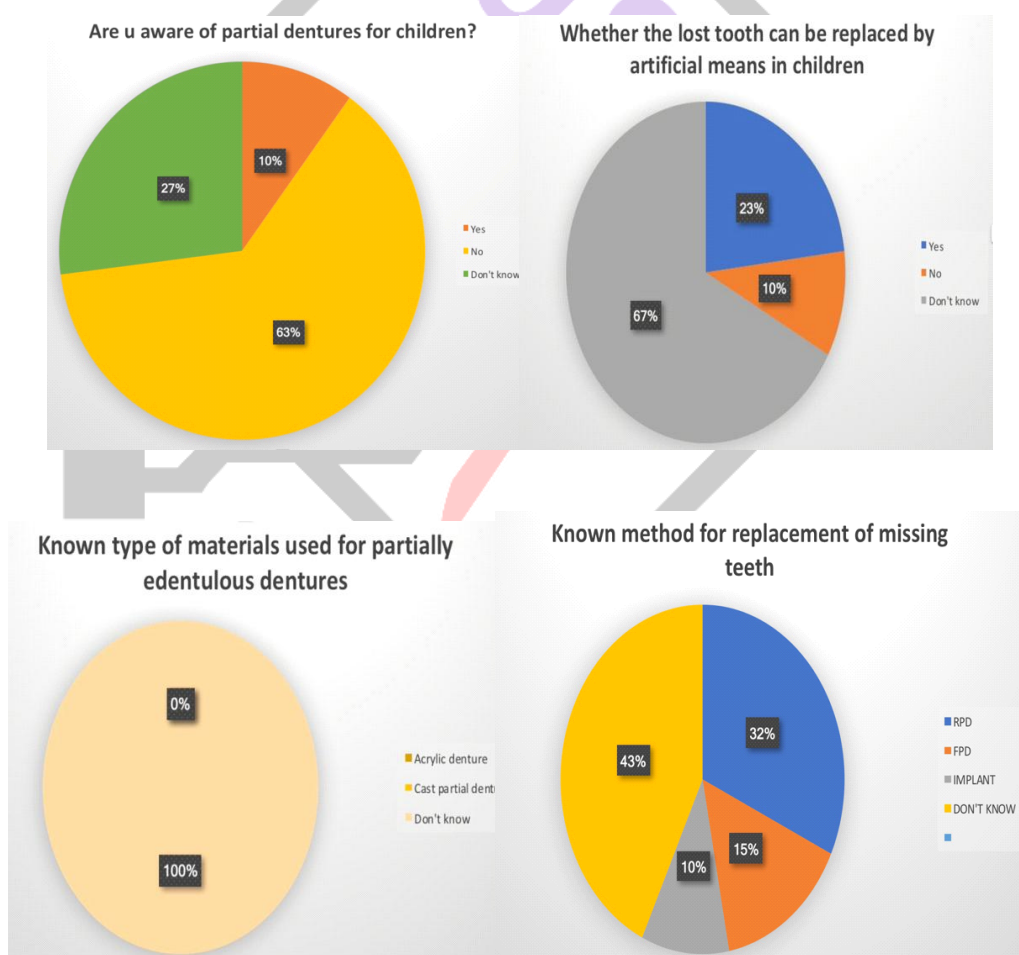
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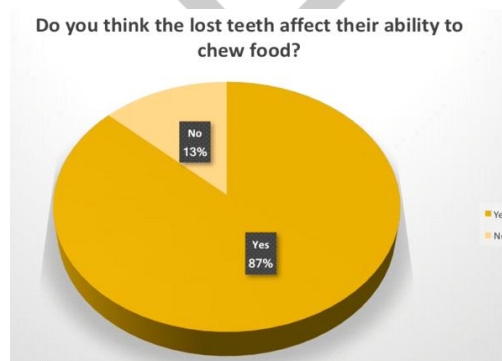
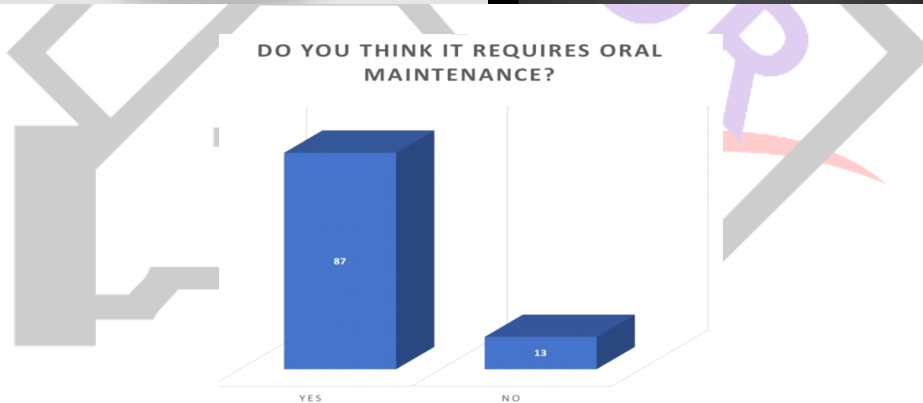
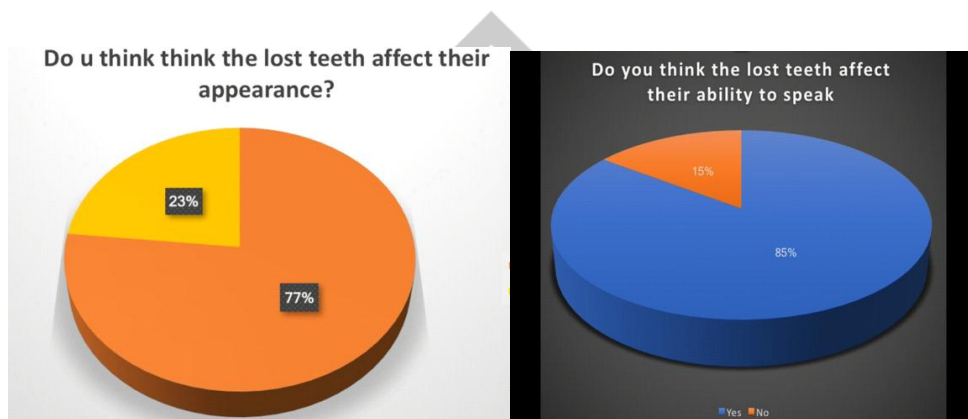
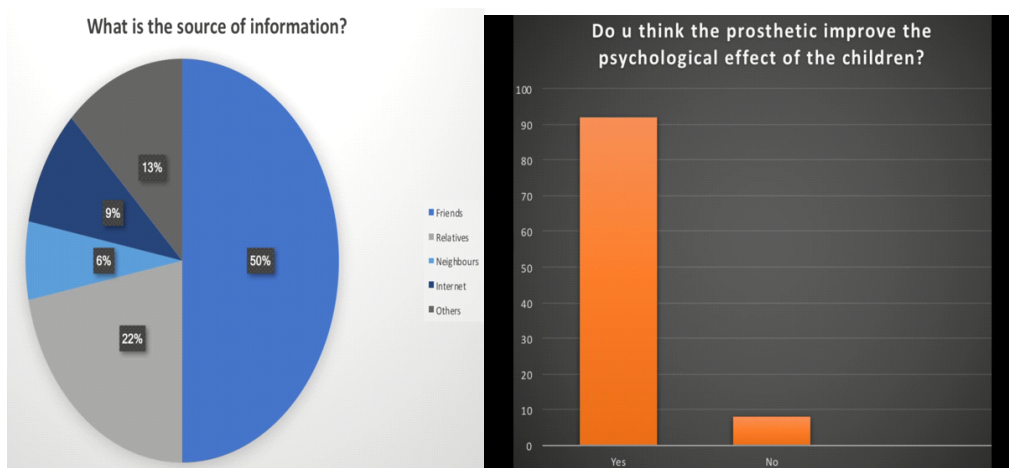
The questionnaire consists of following questions

- Are you aware that lost teeth can be replaced by artificial means?
Yes/No
- Are you aware of partial dentures for children
Yes/No
- Known method for replacement of missing teeth
 - RPD
 - FPD
 - Implant

- Don't know
- Do you know type of materials used for partially edentulous dentures?
Yes/No
- Do you think that prosthetic improves the psychological effects in children?
Yes/No
- What is the source of information?
A) relative
B) neighbours
C) internet
D) others
- Do you think the lost teeth affect their appearance
Yes/No
- Do you think the lost teeth affect their ability to speak?
Yes/No
- Do you think the lost teeth affect their ability to chew food!
Yes/No
- Do you think the prosthetic requires oral maintenance?
Yes/No
- Do you think the prosthetic should be removed at night?
Yes/No

RESULTS:







DISCUSSION:

The oral health being an integral part for the healthy living, necessity of disability limitation and rehabilitation in oral health has taken a paramount role. This study was conducted to assess the parent's awareness towards artificial prosthesis among children. This kind of survey provides data on parents awareness level, knowledge, acceptance, mind set towards an artificial prosthesis

In this present study only 33% of the people are aware that the lost teeth can be replaced by artificial means whereas 67% of the people are not aware. This was similar to SV Siva teja et al, this shows a lack of urgency or need to get the missing teeth replaced as soon as possible post exfoliation, hence clearly showing a lack of proper awareness about the sequelae associated with prolonged edentulism [6].

In this study 32% of the parents have knowledge about removable partial denture, 15% of the parents are aware about fixed partial denture, 10% of the people have knowledge about implant and 43% of the parents are not aware about any types of partially edentulous dentures. This was similar to firas et al(2011) he noted that pain, duration of treatment, cost were noted as the main deciding factors that a patient takes into consideration while selecting a suitable treatment option for them[7].

In this present study there is no awareness about the type of material used for partially edentulous dentures. In this study, 92% of the parents believe that it improves the psychological effect of the children.

In this study, 50% of the parents gets information from friends, 22% from relatives, 6% from neighbours, 9% internet, 13% from others. This differs according to the study. For example in the article written by Mukatesh et al(2010), the dentist was the main source of motivation for both genders to get their missing teeth replaced[8].

In this study, 77% of the parents said that it affects the appearance of the children, 85% of the parents said that it affects the children speech, 87% of the parents said that the lost teeth affect their ability to chew food. This was similar to findings in a study by shah N et al, where he found out that 60% of his study population had a poor quality of life in their ability to chew food as they had missing teeth [9].

In this study 87% of the parents think that the prosthetic requires oral maintenance. The findings of this study are comparable to study conducted by Dikbas et al [10] and 38% of the parents are aware that it should be removed at night whereas 62% of the parents are not aware that the prosthetic should be removed at night. This study was similar to that of Marcus et al, he stated that dental education should be encouraged to remove dentures before retiring at night, or for several hours each day to allow relief of the underlying soft tissue [11].

CONCLUSION:

In this present study "Awareness and knowledge about parents regarding prosthetic rehabilitation in children" the parents are more aware that the prosthetic improves the psychological effect in children. The parents are more unaware about the type of material used for the prosthetic. The unawareness among them can be corrected by conducting dental camps in various places.

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