

Parental Knowledge about Fluoride Mouth Rinse for Children-A Questionnaire Based Study

J. Athiban Raj¹, Dr. Madhu Sudhan²

¹Saveetha Dental College, Saveetha University, Chennai

²Guide, Senior Lecturer, Saveetha Dental College, Saveetha University, Chennai

Abstract: ***Aim:** The aim of the survey is to assess the parental knowledge about fluoride mouth rinse for children in Saveetha Dental Hospital. **Method:** A questionnaire comprising of 10 questions pertaining to knowledge about fluoride mouth rinse for children was distributed amongst 100 people in Saveetha Dental Hospital, Ponamallee, Chennai, India and the results were then analysed. **Inclusion Factor:** People coming for treatment in Saveetha Dental Hospital and parents of kids below 13years is taken for the study. **Conclusion:** The research can bring about better understanding on parental awareness and knowledge of various oral hygiene aids for kids in turn can help in maintaining better oral hygiene for their kids and help to create an awareness on various oral hygiene aids available for use*

Keywords: awareness, Knowledge

1. Introduction

Dental caries (i.e., tooth decay) is an infectious, multifactorial disease afflicting most persons in industrialized countries and some developing countries (1). Fluoride reduces the incidence of dental caries and slows or reverses the progression of existing lesions (i.e., prevents cavities). The purpose of the study is to assess the knowledge about fluoride mouth rinse among the parents of kids below 13years coming to Saveetha Dental Hospital, Ponamallee, Chennai, India.

2. Materials and Method

The study was conducted in Saveetha Dental Hospital, Ponamallee, Chennai, India. A questionnaire comprising of 10 questions pertaining to knowledge about fluoride mouth rinse for children was prepared. The questionnaire thus prepared is shown in fig:1

100 parents of kids below 13years coming to saveetha dental hospital, ponamallee, Chennai, India, were given questionnaire and their response were noted.

FIGURE:1

Questions

- 1) Are you aware of fluoride mouth rinse?
a) Yes b) No
- 2] Do you aware that the fluoride mouth rinse prevent from tooth decay?
a) Yes b) No
- 3] Do you know the benefits of fluoride mouth rinse in children?
a) Yes b) No
- 4) Do you know at what age the children can use mouth wash?
a) Yes b) No

- 5] Do you know how to select the fluoride mouth rinse?
a) Yes b) No
- 6] Do you aware of the quantity to be used?
a) Yes b) No
- 7] Does your child is using fluoride mouth rinse?
a) Yes b) No
- 8] do you aware at what age the child can use mouth rinse?
a) Yes b) No
- 9] Do you aware of the harmful effects of over usage of fluoride mouth rinse?
a) Yes b) No
- 10] Does your dentist educate you about fluoride mouth rinse?
a) Yes b) No

3. Results

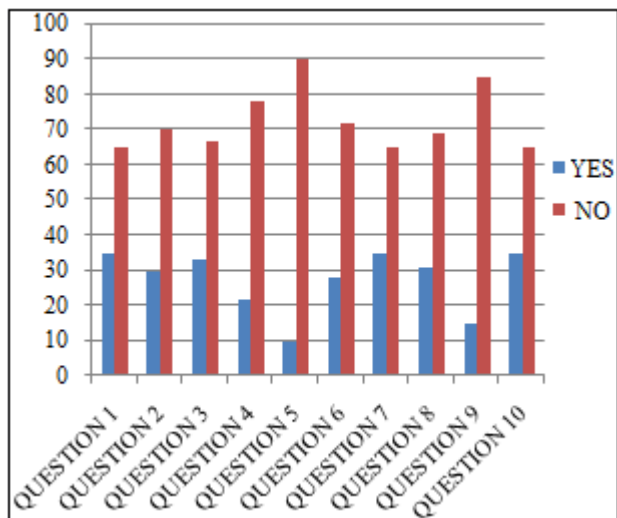
A TOTAL OF 100 patient of Saveetha Dental Hospital, Ponamallee, Chennai, India, were given questionnaire. The results are summarized as follows:

Out of 100 people 35% people are aware of fluoride mouth rinse while 65% people doesnot.30% knows that the fluoride mouth rinse prevents tooth from decay while the rest doesnot.33% people knows the benefits of fluoride mouth rinse while rest doesnot know.22% people knows at what age the children can use fluoride mouth wash while rest 78% doesnot know.10% knows to select he mouth wash while others doesn't know.28% of the people are aware of the quantity to be used while others doesn't know it.35% of the people's kid is using fluoride mouth rinse while 65% is not using it.31% of the people knows at what age the mouth wash can be used while rest doesn't know about it.15% of the people knew the harmful effect of over-dosage og fluoride mouth wash while rest doesn't know. Only 35% of the people's Dentist educated them about the fluoride mouth rinse while rest 65% doesn't know about it.

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4. Discussion

The survey was done to assess the anticipation of pain and side effects of fixed orthodontic treatment among 100 patients in Saveetha Dental College, Ponamallee, Chennai, India. The results shows that Out of 100 people 35% people are aware of fluoride mouth rinse while 65% people doesnot.30% knows that the fluoride mouth rinse prevents tooth from decay while the rest doesnot.33% people knows the benefits of fluoride mouth rinse while rest doesnot know.22% people knows at what age the children can use fluoride mouth wash while rest 78% doesnot know.10% knows to select he mouth wash while others doesn't know.28% of the people are aware of the quantity to be used while others doesn't know it.35% of the people's kid is using fluoride mouth rinse while 65% is not using it.31% of the people knows at what age the mouth wash can be used while rest doesn't know about it.15% of the people knew the harmful effect of over-dosage of fluoride mouth wash while rest doesn't know.Only 35% of the people's Dentist educated them about the fluoride mouth rinse while rest 65% doesn't know about it.

Fluoridemouthrins has resulted in only limited reductions in caries experience among schoolchildren, especially as their exposure to other sources of fluoride has increased, its use should be targeted to groups and persons at high risk for caries (see Risk for Dental Caries). Children aged <6 years should not use fluoride mouthrins without consultation with a dentist or other health-care provider because enamel fluorosis could occur if such mouthrins are repeatedly swallowed.

5. Conclusion

When used appropriately, fluoride is a safe and effective agent that can be used to prevent and control dental caries. Fluoride is needed regularly throughout life to protect teeth against tooth decay. To ensure additional gains in oral health, water fluoridation should be extended to additional communities, and fluoride toothpaste should be used widely. Adoption of these and other recommendations in this report could lead to considerable savings in public and private

resources without compromising fluoride's substantial benefit of improved dental health.

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