

# Survey Report on Prevalence rate of Dental carries among Children’s at Jamtha Village Nagpur

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**Abstract** - Tooth decay (dental caries) is damage to a tooth that can happen when decay-causing bacteria in your mouth make acids that attack the tooth's surface, or enamel. The prevalence of untreated tooth decay in permanent teeth decreased by 3 percentage points, to 5% among children aged 6–11 years and 17% among adolescents aged 12–19 years since 1999-2004. Prevalence of caries among children aged 6–11 years decreased from 21% during 1999–2004 to 17% during 2011–2016. We conducted research to check the prevalence rate of tooth decay among children. around age 3 to 14 year children’s included 10 students were brushing teeth for 1 minutes , 18 students were brushing teeth for 2 minutes and 2 students were taking time of brushing was more than 2 minutes, 70% of students were visit to dentist when the having dental issues, 30% of students never visited to dentist , 23% of students had dental carries and 77% of students were not having dental carries ever, total 87% of students having gross carries present in 0-1 teeth’s, 13% were having gross carries present in 2-3 teeth’s, that 77% of students were having 0-1 chocolates in day, 23% of students were eating 2-3 chocolates in a day, 60% they didn’t brush teeth’s after chocolates eating, 40% of students were brush teeth’s after eating chocolates.

**Index Terms** - prevalence, dental carries.

## INTRODUCTION

Table no 1-Age factor

3-5	6-8	9-11	12-14	15-17	Total
3	8	13	4	2	30

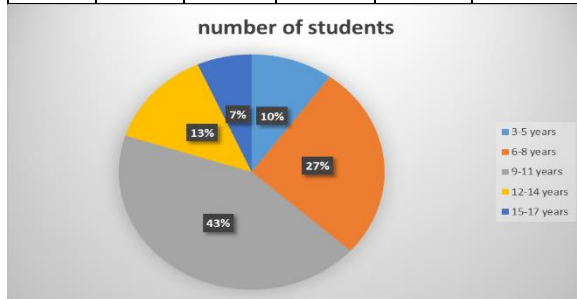


Fig no. 1 denote that number of students as per age

Table no 2. Gender

Male	Female	Total
12	18	30

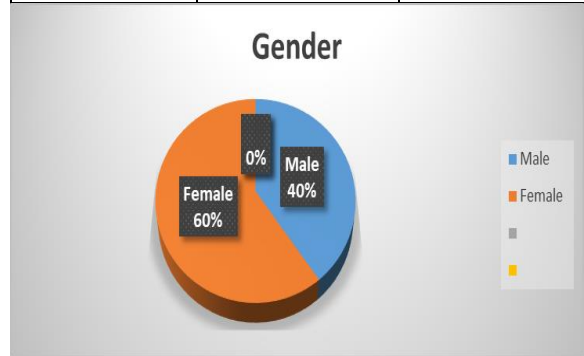


Fig. No 2 refers to shows gender percentiles so, there were total 60% females and 40% Males were present.

Table no. 3 refers to how many times a day do you brush teeth’s

Once Daily	Twice Daily	After every meal	>2
19	11	00	00

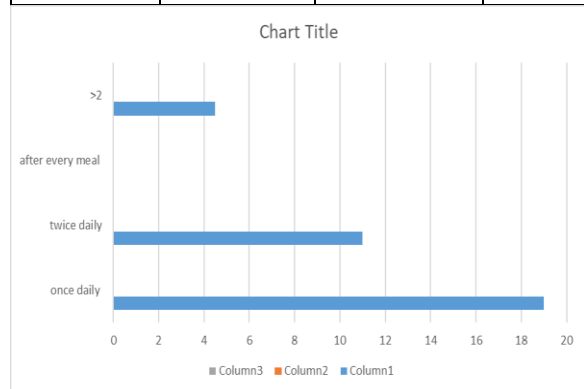


Fig no. 3 denotes that total 19 students were brushing teeths daily once, total 11 students were twice daily and after every meal and more that 2 no one students were brushing teeths.

Table no 4 denotes how much time do you take for each brushing

1 minutes	2 minutes	More than 2 minutes
10	18	2

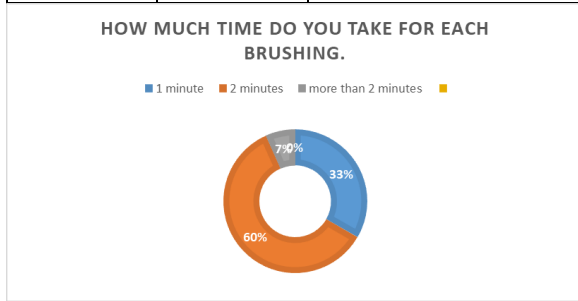


Fig no. 4 denotes that 10 students were brushing teeth for 1 minutes, 18 students were brushing teeth for 2 minutes and 2 students were taking time of brushing was more than 2 minutes .

Table no 5. Do you clean your tongue?

Do you clean your tongue	
Yes	24
No	6

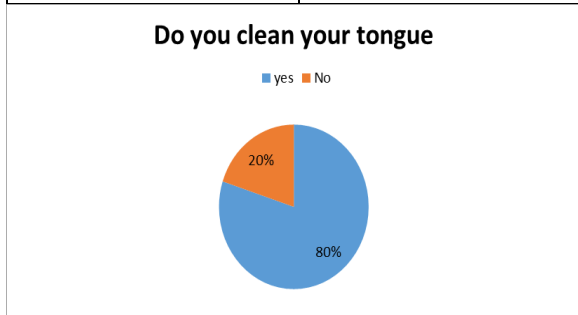


Fig no. 5 denotes that 80% of students (24 students) were clean their tongue regularly and 20 % of students(6) were not clean their tongue regularly .

Table no 6. How often do you visit to dentist?

When i have dental problem	Once a year	Never
21	0	9

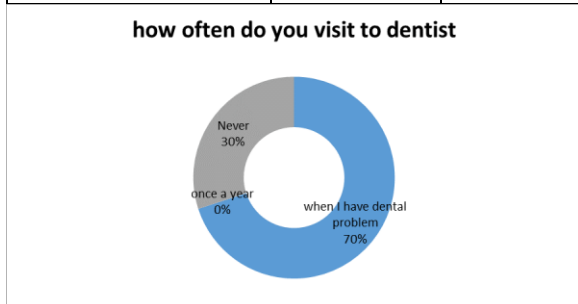


Fig no. 6 denotes that 70% of students were visit to dentist when the having dental issues, 30% of students never visited to dentist .

Section c knowledge related to oral health

Table no 7

Do you know the brushing technique	Yes	No
	21	9

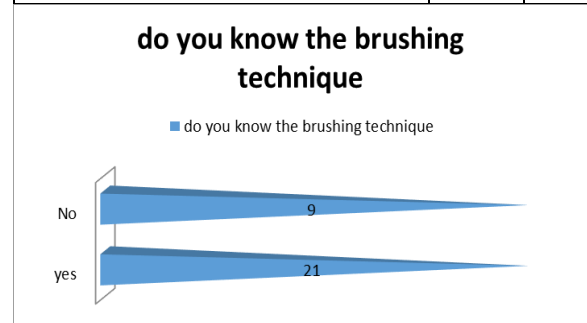


Fig no 7. Denotes that 21 students were known the brushing techniques and 9 students were no idea about brushing technique.

Table no 8. Do you know what is halitosis and stomatitis ?

	Halitosis	Stomatitis
Yes	6	10
No	24	20

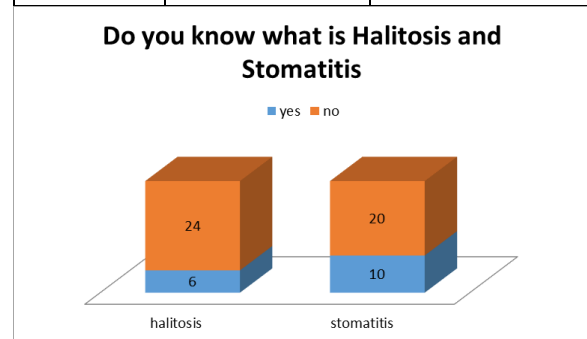


Fig no 8 denotes the percentage of halitosis and stomatitis knowledge

Table no 9: what you thing because of chocolates dental carries occurs ?

Yes	No
19	11

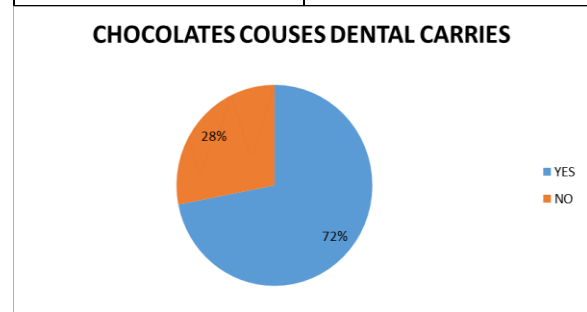


Fig no 9: 72% of students know that more chocolates eating causes dental carries and 28% students says that chocolates does not causes dental carries.

Table no 10: All family members having individual toothbrush

YES	NO
25	5

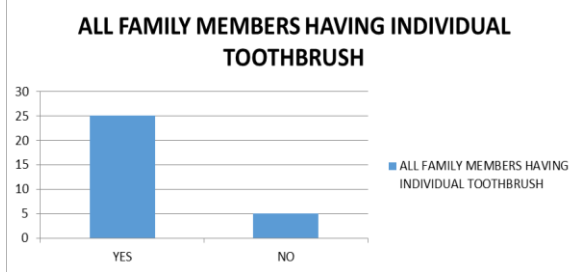


FIG NO 10: DENOTES 25 students family members were having individual toothbrush but 5 students family members doesn't having individual toothbrush.

Table no 11: Have you ever had dental carries

YES	NO
7	23

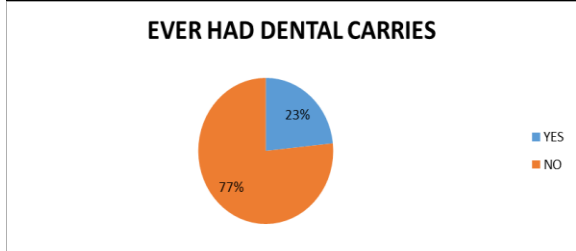


FIG NO 10: 23% of students had dental carries and 77% of students were not having dental carries ever.

Table no 11: oral health is important in life

YES	NO
30	0

Table no 12: number of gross carries teeth present

0-1 teeth's	2-3 teeth's
26	4

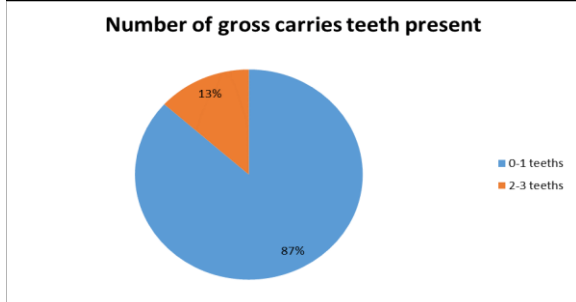


Fig no 11: denotes total 87% of students having gross carries present in 0-1 teeth's, 13% were having gross carries present in 2-3 teeth's .

Table no 13: Brushing with fingers

YES	NO
12	18

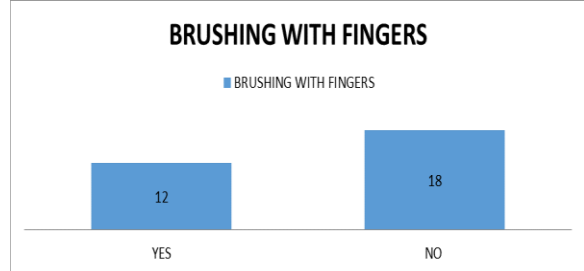


Table no 14: How many chocolates do you eat in a day

0-1	2-3
23	7

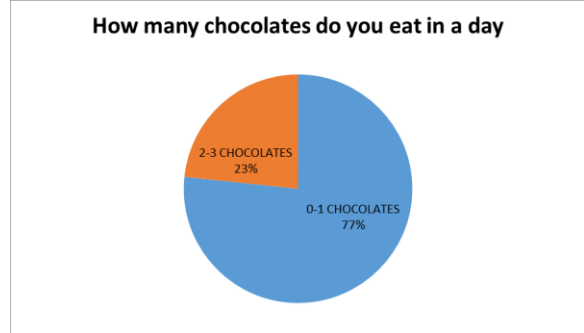


Fig no 12: denotes that 77% of students were having 0-1 chocolates in day, 23% of students were eating 2-3 chocolates in a day.

Table no 14: after chocolates eating do you brush your teeth's

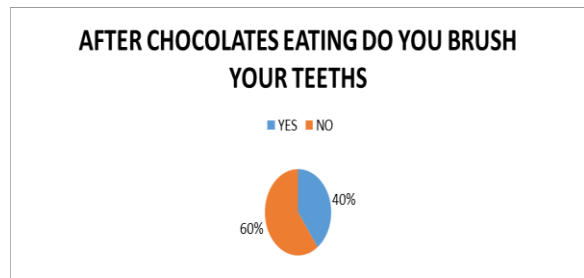


Fig no 13: denotes that 60% they didn't brush teeth's after chocolates eating, 40% of students were brush teeth's after eating chocolates.

REFERENCES

[1] <https://www.google.com/search?q=dental+carries&aq=dental+carries&aqs=chrome..69i57j0i10i4>

3312j0i1017.3591j0j15&sourceid=chrome&ie=UTF-8

- [2] [https://www.google.com/search?q=dental+carries+in+childrens+stastics+&ei=JemQYJ6JKOqK4-EPk7u8yAE&oq=dental+carries+in+childrens+stastics+&gs\\_lcp=Cgdnd3Mtd2l6EAMyBggAEBYQHjoHCAAQRxCwAzoHCAAQsQMQCjoECAAQCjoECAAQDTofCAAQzQJQ3eEEWIK8BWDUyAVoA3ABeAKAAe0LiAHPUpIBETAuOS41LjIuMS42LjIuMC4xmAEAoAEBqgEHz3dzLXdpegBCMABAQ&scient=gws-wiz&ved=0ahUKEwjer6vMsq\\_wAhVqxTgGHZMdDxkQ4dUDCA4&uact=5](https://www.google.com/search?q=dental+carries+in+childrens+stastics+&ei=JemQYJ6JKOqK4-EPk7u8yAE&oq=dental+carries+in+childrens+stastics+&gs_lcp=Cgdnd3Mtd2l6EAMyBggAEBYQHjoHCAAQRxCwAzoHCAAQsQMQCjoECAAQCjoECAAQDTofCAAQzQJQ3eEEWIK8BWDUyAVoA3ABeAKAAe0LiAHPUpIBETAuOS41LjIuMS42LjIuMC4xmAEAoAEBqgEHz3dzLXdpegBCMABAQ&scient=gws-wiz&ved=0ahUKEwjer6vMsq_wAhVqxTgGHZMdDxkQ4dUDCA4&uact=5)