

Parental awareness, Knowledge, and Attitude towards Nitrous oxide sedation and Protective stabilization in children of North Kerala: A questionnaire based study

AIM

To assess the Parental awareness, knowledge and attitude in North Kerala population about Nitrous oxide sedation and protective stabilization as behavior management techniques during dental treatment

MATERIALS & METHODS



RESULTS

Study protocol approved by Institutional Ethical Committee

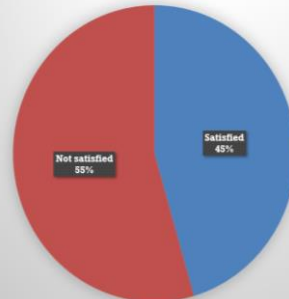
Informed consent obtained from parents

Parents of children of age group 3-6 years

Period of June 2023 to August 2023

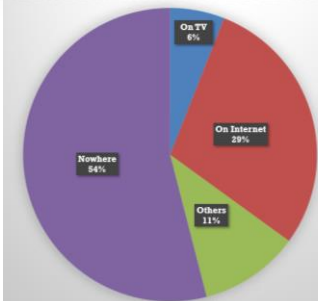
200 completely filled questionnaires

SATISFACTION LEVEL OF PARENT WHEN DOING PROCEDURE WITH THE HELP OF RESTRAINTS

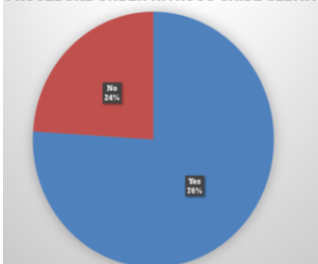


| Parental acceptance on Nitrous oxide sedation | | High school (%) | Graduate (%) | PG (%) | NA (%) |
|---|----------|-----------------|--------------|--------|--------|
| Before watching the video | Yes | 15 | 62.2 | 65 | 5 |
| | No | 20 | 7.9 | 4.4 | 50 |
| | Not sure | 65 | 29.9 | 30.6 | 45 |
| After watching the video | Yes | 55 | 86.84 | 89.1 | 15 |
| | No | 10 | 5.26 | 0 | 45 |
| | Not sure | 35 | 7.9 | 10.9 | 40 |

IDEA ABOUT NITROUS OXIDE SEDATION



DESIRE TO STAY WITH CHILDREN WHILE DOING PROCEDURE UNDER NITROUS OXIDE SEDATION



CONCLUSION

- Majority of parents - unaware of dental sedation procedures & haven't heard about it through any media
- Parental acceptance for N₂O sedation - higher after video demonstration than before it
- Higher the educational level, more the acceptance of N₂O
- During sedation procedures, parents prefer to stay with their child