



Introduction

Stainless steel crowns used by pediatric dentists to restore molars with extensive caries, molars with developmental tooth defects, and following pulp treatments.

- Concerns with esthetics, potential discomfort, and possible negative attitudes of patients and parents regarding SSC restorations (1,2).

“Parents hate SSC as it is metallic and they do not like their children to have a large metal piece in their mouth” (2)

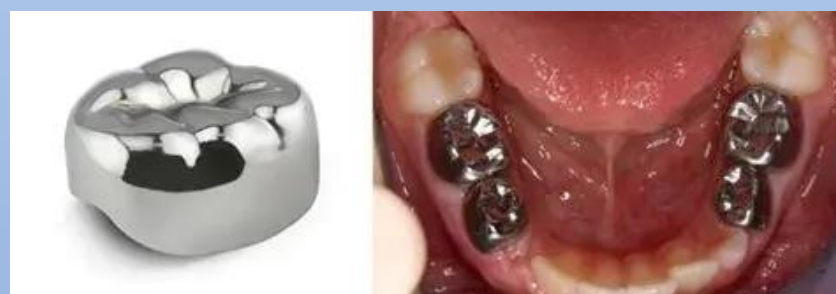
“Parents are not so happy with large silver crowns on their children’s teeth”. (2)

- Few studies on attitudes of parents regarding the SSC restoration itself.

Objectives

This study aimed to investigate the attitude of parents toward SSC application on molars for pediatric dental patients.

- Determine how factors such as post-operative discomfort and previous experience impacts overall satisfaction



Inclusion Criteria

Parents/guardians of patients 3-17 yo present for a preventative appointment between September 1, 2025 and March 31,2026

Exclusion Criteria

- Primary language is not English or Spanish
- Crown placed under any form of sedation

Methods

- Observational Study
 - Patients ages 3-17 yo presenting for preventive recall appointment
 - Questionnaires in both English and Spanish
 - 12- question survey
 - The survey consists of 4 demographic questions and 8 perception- based questions about overall experience and perception of the SSC

1. I have previous experience with silver crowns.
 Myself Other children Friends Social Media No experience

2. My child experienced discomfort after a crown appointment.
 Strongly agree Agree Neutral Disagree Strongly disagree

3. I am satisfied with the look of the silver crowns.
 Strongly agree Agree Neutral Disagree Strongly disagree

4. My child has complained about the look of the silver crowns.
 Strongly agree Agree Neutral Disagree Strongly disagree

5. I would recommend silver crowns to another parent whose child needs them.
 Strongly agree Agree Neutral Disagree Strongly disagree

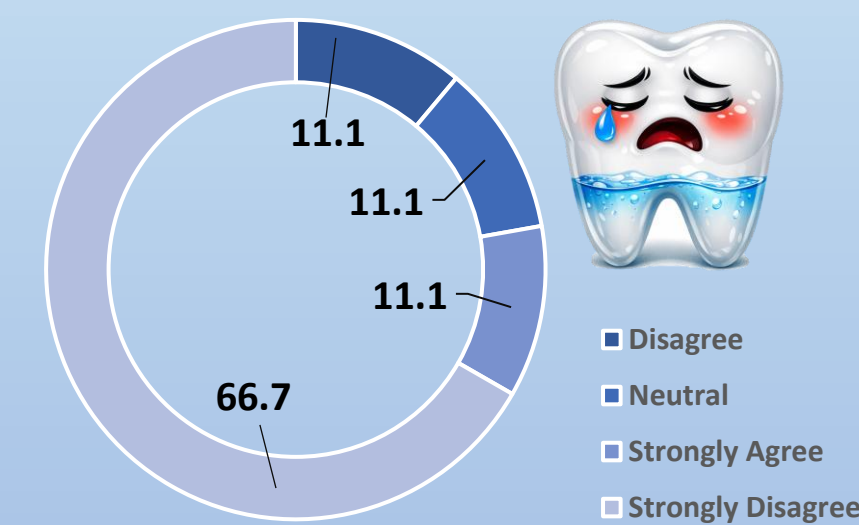
6. I would have preferred tooth color crowns over silver crowns.
 Strongly agree Agree Neutral Disagree Strongly disagree

7. I am satisfied with the overall treatment done.
 Yes No
 If not, please explain why: _____

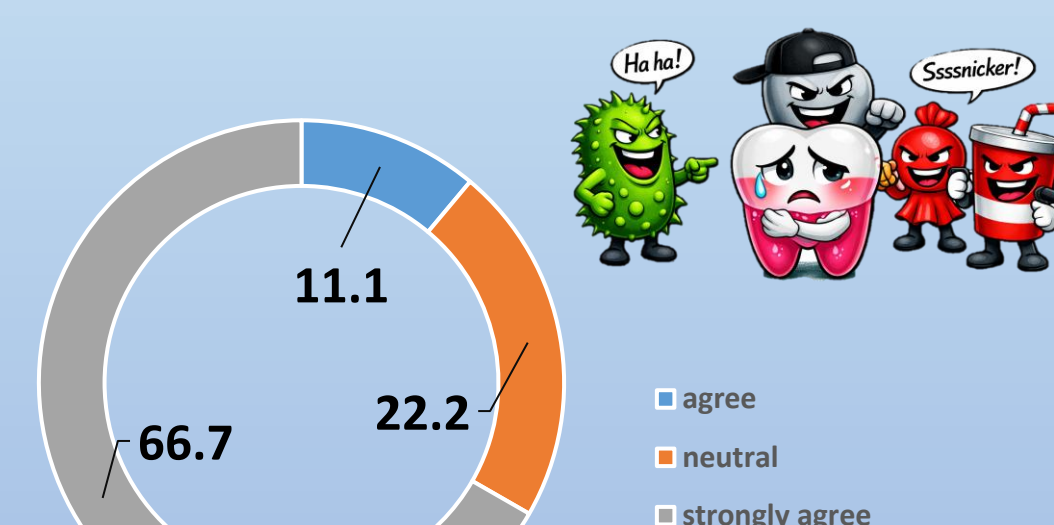
8. I would choose the same type of crown in the future.
 Yes No
 If not, please explain why: _____

Figure 1: Survey including 4 demographic questions and 8 perception-based questions

Results

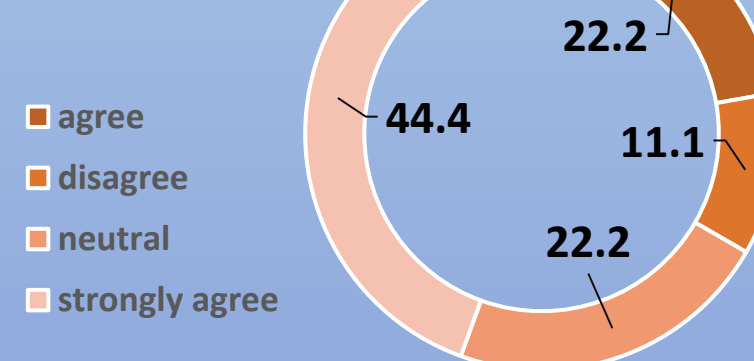


Patient Discomfort



Bullying after Crowns

Esthetics



Satisfaction



Patient Demographics

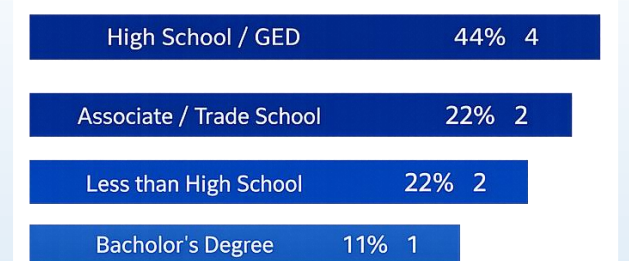
Child Age Distribution (N = 9)



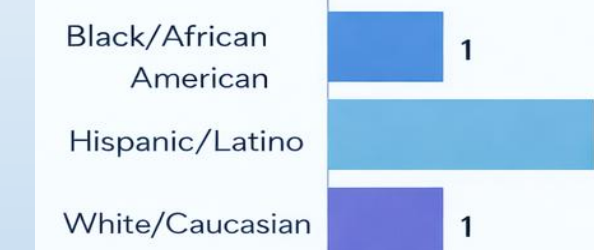
Parent Age (N=9)



Education Level (N=9)



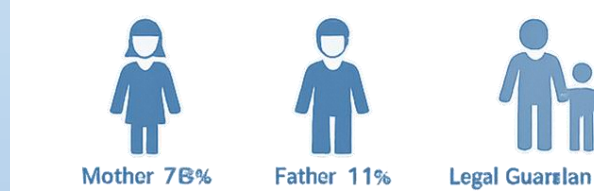
Ethnicity



Primary Language



Relationship to Chdd (N-9)



Conclusion

In conclusion, parents were satisfied with the SSC application on molars of their children and would pick a SSC again. Future research is needed with a larger sample size to analyze overall attitude and future of SSC in pediatric dentistry.

References

- Efficacy and clinical outcome of zirconia and stainless-steel crowns in pediatric dentistry. Amer Al, Aljoudi MH, Mansur AN, et al. Int J Community Med Public Health. 2021;8:5101-5105. <https://doi.org/10.18203/2394-6040.ijcmph20213665>
- General dental practitioners' views on the use of stainless steel crowns to restore primary molars. A G Threlfall 1, L Pilkington, K M Milsom, A S Blinkhorn, M Tickle. Br Dent J. 2005 Oct 8;199(7):453-5; discussion 441. doi: 10.1038/sj.bdj.4812746.