



PURPOSE/OBJECTIVE

- Assess the impact of evidence-based audio-visual live training for caregivers of children with traumatic dental injuries (TDI) on their comprehension of post-operative instructions, dental injury sequelae, treatment, and follow-up recommendations
- Secondly, to measure caregiver satisfaction with the additional training

METHODS

- Prospective Pretest-Posttest design
- Caregivers of children experiencing TDI recruited
- Dental Trauma Guide was used to provide instructions



- Wilcoxon signed-rank statistical analysis

RESULTS

- 44 participants
- Overall, 74.7% improvement in understanding on post-intervention questionnaire
- Most significant improvement noted for question regarding possible need for RCT (83.3% p<.01)
- 100% of participants were satisfied or very satisfied with the audio-visual training and found it beneficial to the management of their child's TDI

Caregivers demonstrated a **significant improvement in their understanding of TDI**, homecare instructions, potential dental injury complications, treatment needs, and follow-up recommendations.



**DENTAL TRAUMA GUIDE**  
- evidence based treatment guide -

**100%** of caregivers reported that the virtual education session **improved their overall experience in managing their child's TDI.**



RESULTS CONTINUED

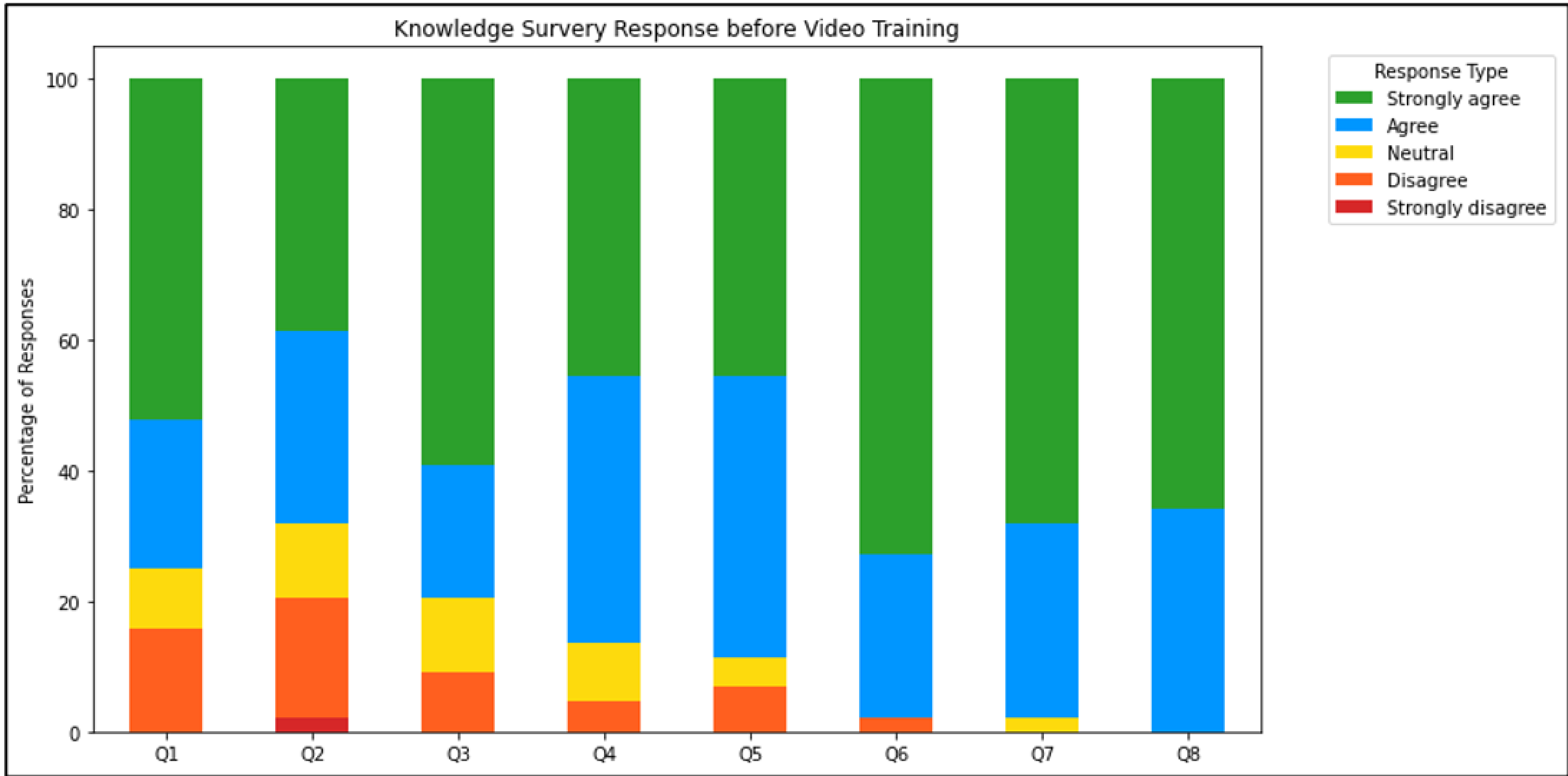


Figure 1: Pre-Intervention Knowledge Questionnaire Responses

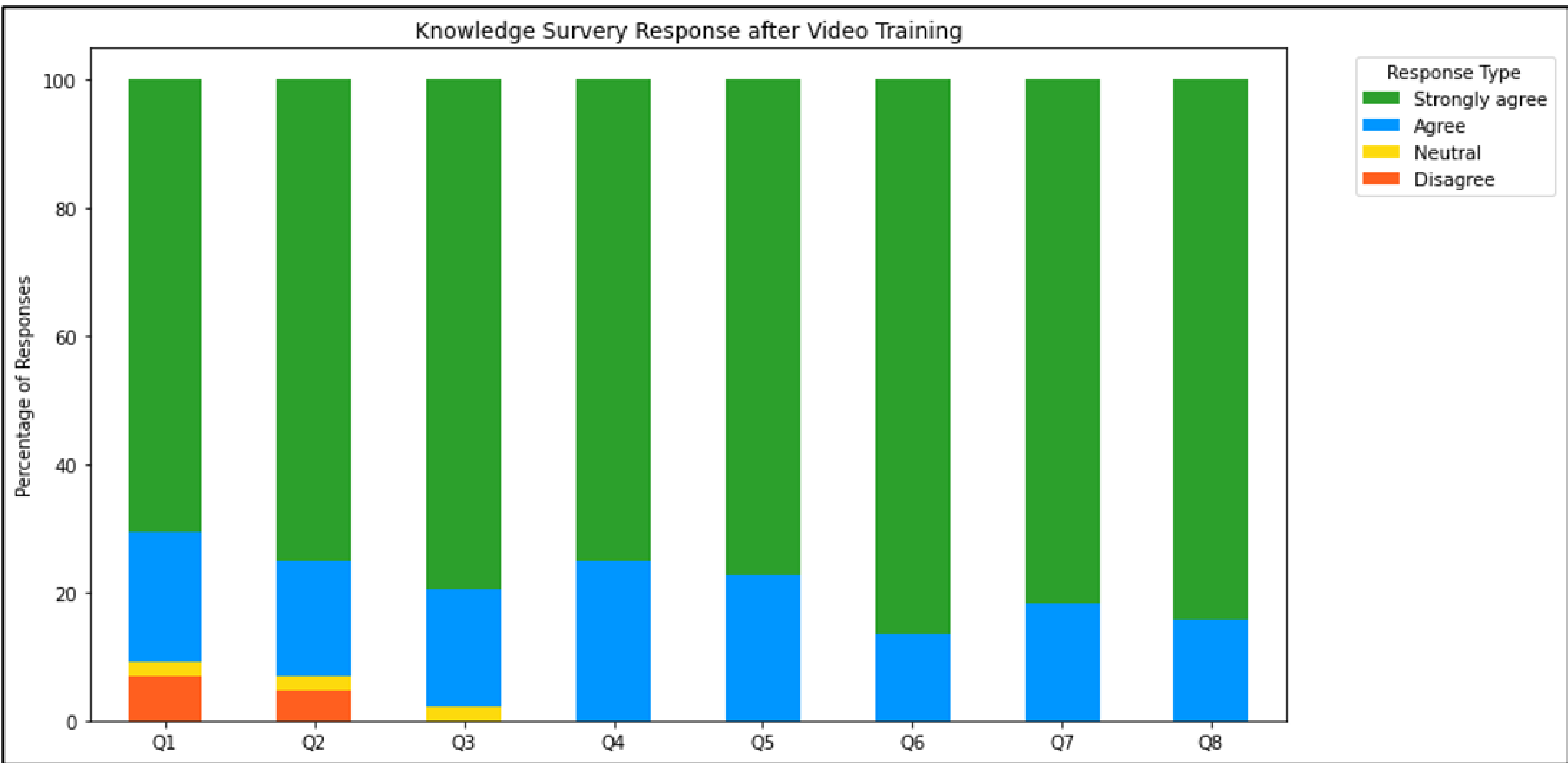


Figure 2: Post-Intervention Knowledge Questionnaire Responses

RESOURCES AND FUNDING:

1. Dental Trauma Guide. Permanent teeth injury groups. Dental Trauma Guide. <https://dentaltraumaguide.org/injury-groups/permanent-teeth/>  
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