

Comparing Two Demonstrations before Hands-on Pulpotomy: A Performance Evaluation Study Almaqate F, Carrico C, Glickman A, Jayaraman J, Caudill C



Purpose

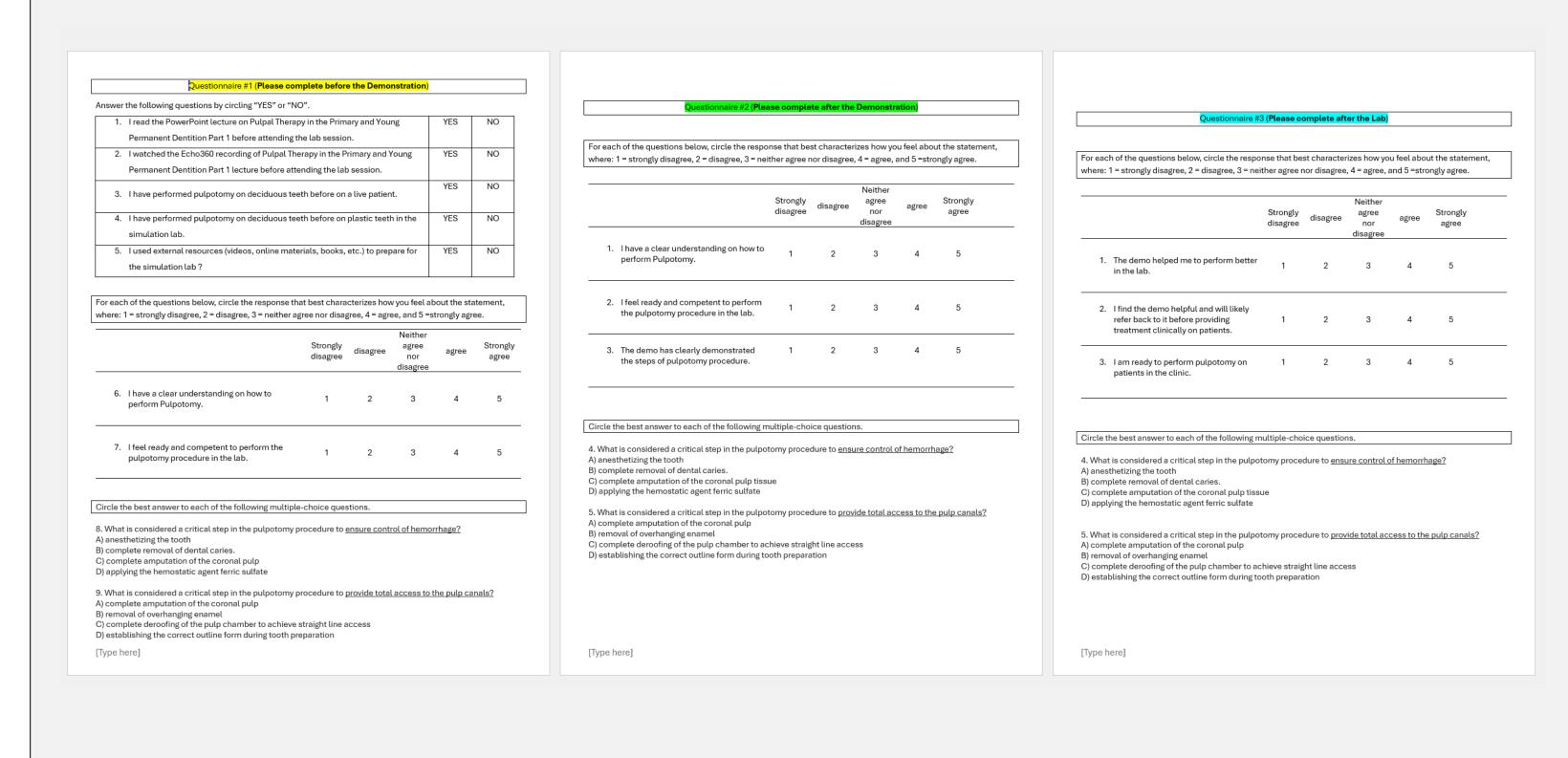
The aim of this randomized, double blinded, parallel arm study was to determine if a video-based presentation is better than a traditional slide-based presentation to demonstrate the pulpotomy procedure before hands-on practice in terms of improving the students' preclinical performance of pulpotomy procedure in the simulation lab. The study also evaluates students' knowledge, understanding of the rationale and the steps of the procedure, their self efficacy, and expected use of the teaching material after the lecture, as well as their perception of the benefit of having a demonstration of pulpotomy included in their lecture before hands-on practice in the simulation lab.

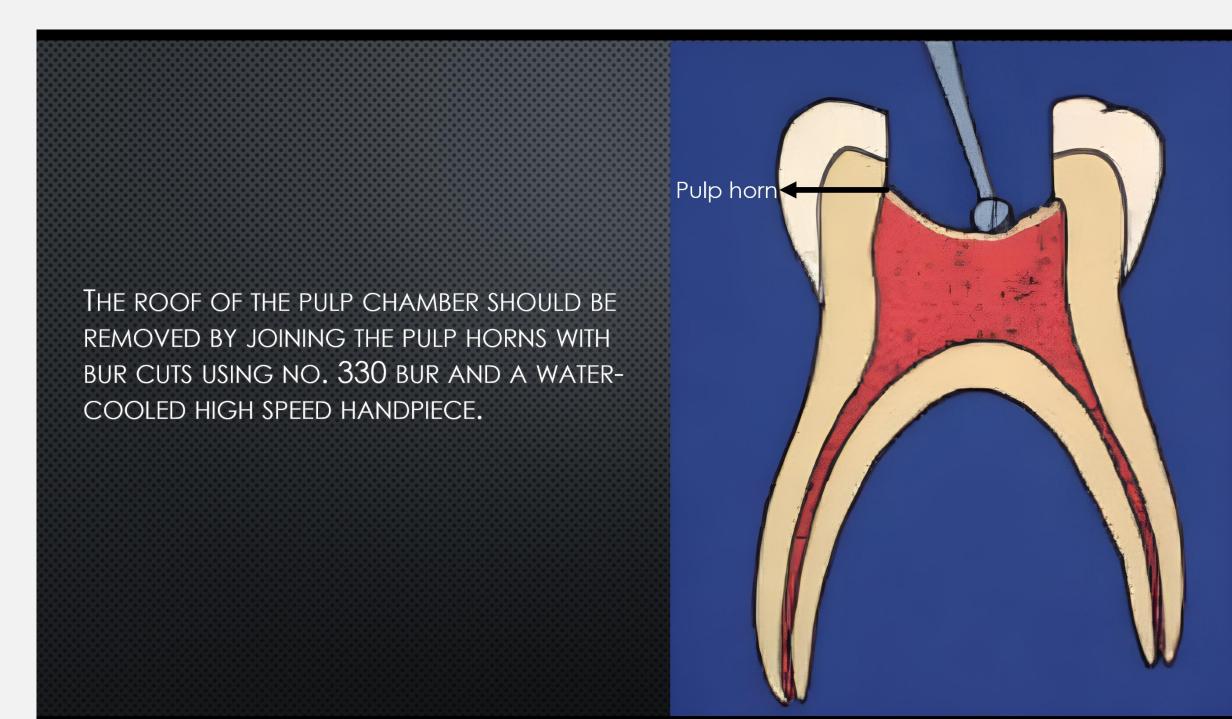
Methods

Undergraduate, second year dental students enrolled in a pediatric dentistry preclinical course will be recruited. The students will be randomly allocated to two groups, the video group and the slide group. Three questionnaires will be distributed to the participating students before and after the demonstration, as well as after the simulation lab session. An evaluation form will be used for each student to assess their preclinical performance of the pulpotomy procedure.

Results

Final data pending





Conclusions

Final data pending

Acknowledgements

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