

An Assessment of Direct Restorative Material Use in Posterior teeth by Pediatric Dentists in Canada and the United States of America

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Purpose: This study will evaluate the choice of direct restorative materials for primary and permanent molar restorations in healthy, developmentally delayed, and medically compromised patients. Factors that may affect material choice will be assessed. Data on restorative material selection by pediatric dentists may be helpful in determining the restorative curriculum within dental schools and continuing education programs with an emphasis on evidence based dentistry.

Methods: Based on a Dillman survey model, a self-administered online survey will be utilized to collect data from all active members of the Royal College of Dentists of Canada and the American Academy of Pediatric Dentistry using Survey Gizmo®. After a pilot survey is assessed at the University of Toronto, Canada, the final survey will be distributed. The data collected will be analyzed using, simple descriptive statistics, frequency distributions, logistic regression, and odds ratio with bivariate and multivariate models. Statistical significance will be set at a p value of <0.05.

Results:

Currently, the survey has been launched and sent to 4612 Royal College of Dentists of Canada and/or American Academy of Pediatric Dentistry members. Data collection is currently underway.

Conclusions: Pending the completion of data collection and analysis.