

Dr. Amir Azarpazhooh

Institution; Univ. of Toronto, Canada

Title; "Eliciting patients' preferences in clinical decision making between implant and endodontics: The use of conjoint analysis"

Abstract;

This study is designed to investigate the outcome comparison of three treatment modalities; extraction and implant treatment vs. root canal treatment and restoring the tooth vs. only extraction, from patients' perspective. Conjoint analysis, a specific method of data collection and data analysis to elicit respondents' preferences, will be performed. Specialists (Endodontists, Periodontists and Prosthodontists) as well as general practitioners will be surveyed for the possible consequences of each treatment modality as well as the factors they believe are important to patients in making their decision when asked to choose between the above options. Also, patients who either have experienced treatment, are going to receive treatment, or who have never received any of the treatments will be surveyed. The results of the surveys will present the most prevalent factors to be used as the attributes for the conjoint analysis of patients. The utilities identified at this level will be used for designing a decision tree analysis for an accurate clinical decision-making.