

Study Title: Comparing Pediatric Dental Oral Sedation Outcomes With and Without Meperidine
in Children Aged 3-7 Years

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Data Analysis

Study data were collected and stored in REDCap at the University of Washington and analyzed in Stata (StataCorp, College Station, TX). Descriptive statistics were calculated for each variable. Fisher's Exact tests were used to analyze relationships between sedation outcome and sex, insurance status, pre-operative behavioral rating, sedation regimen, isolation method, treatment complexity, and duration of procedure. Wilcoxon Rank-Sum tests were conducted to evaluate the associations among sedation regimens, temperament scales, and sedation outcomes. Significance levels were set to $\alpha = 0.05$.