MEDLINE Abstract

Comparison of three conscious sedation regimens for pediatric dental patients.

J Clin Pediatr Dent. 2007; 31(3):183-6 (ISSN: 1053-4628)

Torres-Pérez J ; Tapia-García I ; Rosales-Berber MA ; Hernández-Sierra JF ; Pozos-Guillén Ade J
Pediatric Dentistry Posgraduate Program, Facultad de Estomatologia, Universidad Autónoma de San Luis Potosí, Mexico.

The aim of this study was to compare the clinical success of three conscious sedation regimens for pediatric dental patients. A clinical trial was performed wherein dental treatment was administered to pediatric patients ASA I and II under conscious sedation.. Fifty-four children were divided into three groups of 18 patients each, randomly assigned Group A received hydroxyzine (2 mg/kg 2 h before treatment and a subsequent dose of 1 mg/kg 20 min before treatment) orally; group B received 0.50 mg/kg midazolam mixed with 1.5 mg/kg hydroxyzine 20 min before treatment orally; group C received chloral hydrate, 50 mg/kg mixed with 1.5 mg/kg hydroxyzine 20 min before treatment orally. The Ohio State Behavioral Rating Scale (OSBRS) showed statistically significant differences between groups B and C with respect to group A. The regimens of midazolam or chloral hydrate mixed with hydroxyzine represent excellent choices for conscious sedation regimens for pediatric dental patients.

PreMedline Identifier:17550044