Mozart effect on dental anxiety in 6-12 year-old children

Abstrak :

Background: Children anxiety in dental treatment often becomes a barrier for dentist to perform optimum dental treatment procedure. Various methods to manage anxiety and fear in children have been applied including listening to classical music during dental treatment. One of the classical music usually used is music by Mozart. Purpose: This study is aimed at discovering the role of classical music by Mozart in dental anxiety changes. Method: This study is an quasi experimental study using purposive sampling method. The sample consist of 30 children between 6-12 years old group who were treated at the Klinik Kedokteran Gigi Anak, Rumah Sakit Gigi dan Mulut FKG Unpad. The anxiety data was collected using Visual Analogue Scale (VAS) before and after listening on the classical music during treatment. Result: The result of this study showed that there are 23 children (76.67% of subjects) who present decreased anxiety, 7 children (23.33% of subjects) does not present decreased anxiety and none of (0 child or 0% of subjects) show increased anxiety. Conclusion: It is concluded from that listening to music by Mozart during dental treatment can reduce anxiety among the group of children between 6-12 years.

Keyword :

Mozart effect, dental anxiety, children