Abstract

Background: Odontectomy is one of the complex oral surgery that often causes pre-operation anxiety in patient which can highly influence the intend operation. Music has been observed that it can decrease the anxiety level. Therefore, this research was done to find out which type of music is able to decrease the anxiety level in pre-odontectomy patient. This research dealt with two type of music: selected music and non selected music. Purpose: the aim of this study was to define the differences of blood pressure and pulse as indicator of anxiety level between groups of selected music and non-selected music. Method: this research was done in two groups with two different types of music. Each group consisted of 12 samples. All 24 patients are indicated for odontectomy surgery for their first time. Measurements of blood pressure and pulse as indicators of anxiety done twice in every sample, first before they listened to music, second after they listened the music. Blood pressure and pulse was measured by digital sphygmomanometer. Those two groups were given different types of music. One group listened to selected music and the other group listened to non selected music. Results: there were significant differences of blood pressure and pulse between those two groups ($p<0.05$). Conclusion: blood pressure and pulse decreased in group of selected music and increased in group of non-selected music.

Key words: Music, Pre-operation Anxiety, Blood Pressure, Pulse