

## **The Impact on Stress Management of Inpatient Children Affected by the Assessment of the Internal Design Pattern Based on the Environmental Graphics Components in Medical Centers (Case Study: Children's Hospital of 17 Shahrivar, Rasht)**

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### **Abstract**

Since the therapeutic environment is hospitalized due to special conditions of users and employees, it requires informed choice of spatial elements. This concern is more important when the patient is low. Due to the lack of adaptation of children to the environment and to analyze the problems, it is necessary to create more problems in the treatment environment. In the meantime, according to the studies conducted in the use of internal design results in children 's environments, especially in the therapeutic space, care should be taken to reduce the feeling of fear of an unknown environment and to minimize their dependence on others. Therefore, the present study is based on the hypothesis that providing graphic and functional elements in the interior design of therapeutic space can increase awareness and diverting attention of children to factors other than pain, favorable environment for hospitalized children and consequently stress management. This research which has been done by analytical - descriptive method, in order to achieve the desired goals, first reviews the results of research conducted in the field and then to understand the concept and elements of environmental graphics and related concepts in the design of children 's hospital environment. Then, the study was carried out as a case study by collecting data from children in the form of painting and from their companions by means of questionnaire. In order to analyze the data collected from the children painting software, smart pls software was used and smart pls software was used. Finally the results are presented in the form of tables and analytical charts. In general, the results indicate the proper use of environmental graphic elements in order to increase the level of knowledge about the environment and disease and also create the feeling of familiarity with the environment in order to provide psychological and psychological relations to children. The purpose of the present study was descriptive-analytical method, while emphasizing the subject of awareness to the patient's children about the treatment and conditions of the disease, as well as the creation of anxiety and sense of belonging to the environment, to identify and study the components In the interior design model based on the concept of environmental graphics, the patient's view of an ideal therapeutic space is shown, so that their satisfaction from the therapeutic space can be increased and based on the quality components The architecture of the medical spheres has been enhanced, making the environment a catalyst for children. Therefore, the information needed in this study was drawn through the drawing of children by drawing children who are the main users of this space, as well as questionnaires from the children's companions in order to complete the received information about the quality of the optimum therapeutic space. Then, by analyzing the data, while adapting to the internal design knowledge based on the concept of environmental graphics, we tried to find solutions to the problems in the children's therapeutic environment that would accelerate the process of disease recovery and create a more favorable environment during their recovery.

**Keyword:** Health Center, Interior Design, Stress Management, Environmental Graphics, Child

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