

selection of raw materials as one of the constituents of the internal environment quality in psychiatric hospitals

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Abstract:

Since there is a large proportion of the world's population with mental disorders, it is up to the designers to contribute significantly to building a healthy environment, the work of interior design, and the design of external spaces that contribute to treatment. Evidence-based design may enable designers to understand the causal links between the environment and psychotherapy.

People need diversity in their visual vision, and diversity is the balance between unity and complexity. Extreme unity leads to incomplete stimulation, while extreme complexity leads to excessive stimulation. Therefore, diversity is achieved in the middle area between them. Excessive stimulation exposure can cause changes in breathing rate, pulse rate, and blood pressure. An increase in muscle tension. Psychological reactions are of various types, and the designer is responsible for finding an appropriate balance between extremism and harmony required in the interior design, and studies indicate that there are many factors that affect the satisfaction of patients and workers in the internal environments of psychiatric hospitals. These factors are considered integrated; the difference of one factor greatly affects the rest of the other factors and affects the users of the place, and all factors affecting the quality of the internal environment should be considered, and that its integration has a positive or negative impact on the rest of the factors, as the poor design of the quality of the interior environment is internal design. It negatively affects not only the physical health of the occupants of the building, but also their mental health. These factors are classified into two categories: spatial and environmental factors.

The choice of raw materials as a component of the quality of the internal environment can affect health, which in turn affects patient satisfaction, the quality of indoor air and ventilation, optical comfort, thermal comfort and acoustic comfort are the important factors in choosing the materials as one of the elements of the quality of the internal environment in the healing environments, which It affects patient satisfaction. And all of these factors affecting the quality of the internal environments of psychiatric hospitals should be taken into consideration and as a result of the field study conducted by the researcher appeared that the problem of research appeared in the apparent deficiency and lack of awareness The importance of choosing raw materials as an environmental basis for the quality of the internal environment for interior design in psychiatric hospitals, which negatively affects the hospitalization process for patients.

The research goal was: A proposal for the most important raw materials as an environmental base for the quality of the internal environment for the design of psychiatric hospitals, which It positively affects the hospitalization process for patients, upgrading performance and improving services with them. The research hypothesis: that choosing the appropriate materials helps as one of the environmental constituents in achieving the quality of the internal environment of psychiatric hospitals and improving performance and improving their services. The internal aim of improving the quality of the internal environment for the internal design of psychiatric hospitals, which positively affects the treatment of patients. Follow the research in the descriptive and analytical approach: through description and analysis to choose the basic materials affecting the quality of the environmental environment. Mechanism for psychiatric hospitals. The research presents some of the materials proposed for use in the interior design of walls, floors, and ceilings that contribute to achieving the quality of the internal environment of psychiatric hospitals. The results of the research concluded that there are some materials for the interior design of walls, floors and ceilings that can contribute to improving the quality of the internal environment of psychiatric hospitals as well Upgrading the performance and improving its services. The recommendations made it necessary for the Ministry of Health to focus on the correct selection of interior design materials that achieve the application of internal environmental quality standards to government psychiatric hospitals in Egypt..

Key Words:

(Environmental Factors - Selection of Materials - Quality of the Interior Environment - Interior Design - Psychiatric Hospitals).