

Overcoming Dental Phobia Using Environmental Control Systems for the Interior Design of Dental Clinics

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Abstract:

Visiting a dental clinic can be an anxiety-inducing and intimidating experience for many patients. The clinic has a unique internal environment in terms of its interior design and environmental control systems, including lighting, acoustics, and ventilation. This research aims to provide design solutions that contribute to creating a comfortable and soothing therapeutic environment for patients. Lighting is one of the most important elements responsible for clear visibility in the treatment room without causing shadows, while studying ventilation, which is responsible for purifying the air within treatment rooms, is equally important. Regarding acoustics, a thorough study is necessary to create a space free from frightening sounds produced by treatment tools. Thus, the research problem arises from the impact of these factors on the creation of a suitable and safe environment for receiving treatment. This research aims to highlight the importance of the role that environmental control systems can play in the interior design of dental clinics in overcoming dental treatment phobia. The significance of this research lies in employing environmental control systems in the interior design of dental clinics as an effective tool to alleviate dental treatment anxiety.

Paper History:

Paper received October 16, 2024, Accepted December 12, 2024, Published on line March 1, 2025

Keywords:

Environmental Control Systems, Dental phobia, Dental Clinics

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CITATION

Hadeer Mohamed, et al (2025), Overcoming Dental phobia Using Environmental Control Systems for the Interior Design of Dental Clinics, International Design Journal, Vol. 15 No.

