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SPECIAL GYPSUM PRODUCTS- CHANGE IS INEVITABLE- A REVIEW

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ABSTRACT

In dental offices, gypsum products are necessary for producing precise models and prosthesis. Due to recent advancements, unique gypsum products have been created to satisfy particular requirements, such as improved accuracy, antibacterial qualities, and compatibility with digital workflows. This analysis examines a number of advanced gypsum product types, such as CAD/CAM-compatible gypsum, resin-modified gypsum, and antimicrobial gypsum. Compared to normal products, special gypsum products exhibit benefits in strength, surface smoothness, and dimensional stability, as well as improved accuracy and decreased microbial contamination. Future developments in prosthodontics and dental care are anticipated to be greatly impacted by these materials' ongoing progress. Hence this review paper aimed to discuss various special gypsum products introduced recently in to market including CAD-CAM compatible products, their properties and uses.

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