HARNESSING THE POWER OF 3D PRINTING AS AN EDUCATIONAL TOOL

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Introduction

As dental education continues to evolve, incorporating the latest digital technology across the curriculum enables us to cultivate innovative mindsets in our students and residents, ensuring they will graduate prepared to be leaders in an ever-evolving field.

Objective

The objective is to incorporate 3D printing technology in preclinical and clinical settings at Boston University Henry M. Goldman School of Dental Medicine (BUGSDM). The printer can handle large scale jobs for course work and fast enough to print a denture in under two hours.

Conclusion

By Streamlining both preclinical and clinical workflows, the Carbon printer will create space that the faculty, students, and residents can use for deeper exploration of curriculum and patient care and represents another important step in educating the next generation of dental health professionals.

Educational & Clinical Approaches

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