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## Utility of 3D Printing in Byzantine Spinal Surgeries: A Review

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### Abstract

3-dimensional printing (3DP) is an unexpectedly developing enterprise. A spread of techniques can be used to print physical models from 3-dimensional renderings based on CAD software, and STL design files. Even as using this technology in medication remains in its infancy, 3DP offers the opportunity of revolutionizing healthcare with its capability to unexpectedly create custom designed shapes from a wide variety of materials. The usage of 3-D printed surgical fashions has been proven to assist shorten operative time, thereby boosting surgical outcomes. 3-D published anatomical models had been found to enhance measurement accuracy drastically in neurosurgery, cranio-maxillofacial surgery, orthopedics, cardio-thoracic and vascular surgical operation. The present review focuses on present concepts of 3D printing in complex spinal surgeries and its real world applications.