

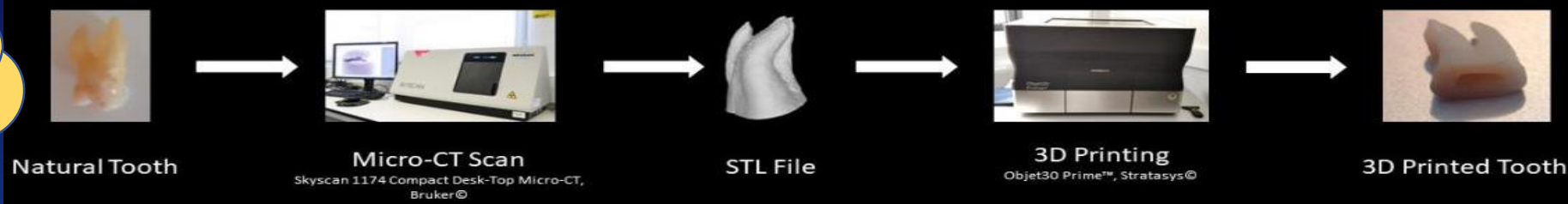
SHAPING THE FUTURE OF ENDODONTICS WITH 3D PRINTING TECHNOLOGY

“TECHNOLOGY LIKE ART IS A SOARING EXERCISE OF HUMAN IMAGINATION” - DANIEL BELL

WHAT IS 3D PRINTING?

3D printing involves creating a physical object by layering materials based on digital model

HOW IT WORKS?



TECHNIQUES



STEREOLITHOGRAPHY



SELECTIVE LASER SINTERING

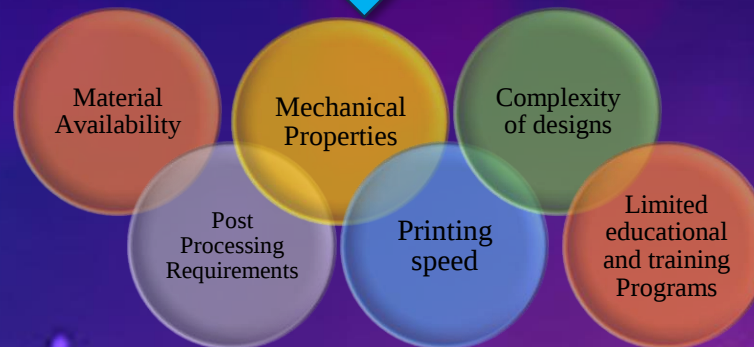


FUSED DEPOSITION MODELLING



LAMINATED LAYER MANUFACTURING

Limitations



Increased Application

Innovations

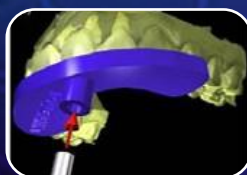
Future Directions

Widespread Adoption

Clinical Outcome Assessment

Educational Integration

Application in Endodontics



Guided Endodontics



Auto transplantation



Pre surgical Planning



Surgical Guides



Endosseous Implants



3D printed models



Bioprinting



Scaffolds