



SPLIT POST AND CORE: REDEFINING CONVENTIONAL THROUGH DIGITAL INNOVATION



INTRODUCTION : Endodontically treated molars face significant challenges due to extensive tooth loss. Split post and core systems with digital technologies enhances the precision and fit, offering a groundbreaking solution, effectively restoring structural integrity while addressing the complexities of achieving proper insertion path.

SPLIT CAST POST AND CORE



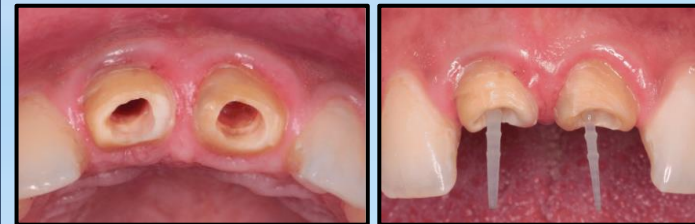
ADVANTAGE

- Better Adaptation
- Mechanical strength
- Easy retrieval of post

DISADVANTAGE

- Increased susceptibility to root fracture
- Esthetics is compromised

FIBRE REINFORCED POST AND CORE



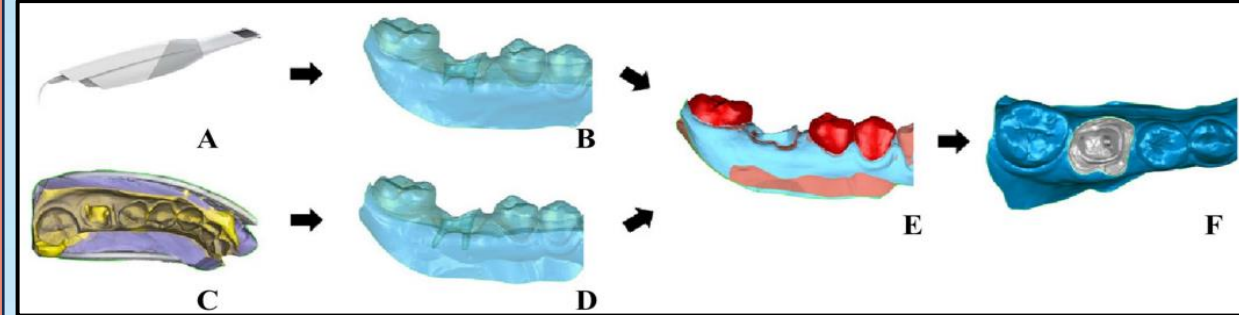
ADVANTAGE

- Direct fabrication
- High fracture resistance
- Even stress distribution

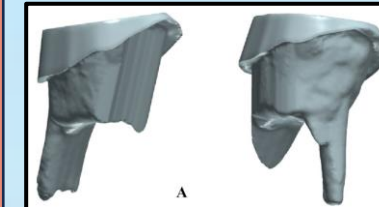
DISADVANTAGE

- Low radiopacity
- Tendency to debond in radicular dentin

POLY ETHER ETHER KETONE POST AND CORE



Impression Making



3D Print Post & Core



PEEK Post & Core placement



Before



3 Years follow up