

## Guiding a new path – a step by step guide to designing 3D printed guides in endodontics

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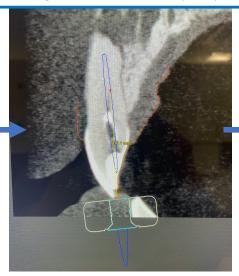
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## CASE 1

UR1 partial pulp canal obliteration secondary to trauma 15 years ago

coDiagnostiX® software length measurements for pre-operative working length estimation













Resultant undesired distal channel to desired patent apical third of canal

Rectified using conventional endodontics

Gutta percha / bioceramic sealer based obturation

















