

31<sup>st</sup> May 2023

Dear Dr X,

**Re: WX XX/XX/1990**

Further to Stella 's email report, I have now initiated retreatment of W's UR6. She reported the tooth to have remained asymptomatic since its last flareup.

I decided that there would be little to be gained from removing the crown and it was likely to make life more difficult restoring the tooth. I was rather hoping that the internal core was a mixture of materials, but it became quickly obvious that it was cast gold and removal through the tooth was going to be a long and hard process.

I was able to drill my way through the gold and ultrasonic out the three gold posts in the mesiobuccal, distobuccal, and palatal canal orifices. I located three mesiobuccal canals and prepared these together with the distobuccal and palatal

canals to the estimated working lengths. Enhanced disinfection and debris removal was carried out using Laser assisted

#### Clinical Images



irrigation. Pulsed laser energy creates cavitation and shockwaves through the irrigants and that push them into the canal complexities. Following this, I placed an inter-appointment medicament of calcium hydroxide. Access was temporarily sealed with a cotton pledget and IRM.

I am rather hoping that firstly the amount of disturbance to the tooth does not trigger off a flareup, but also that the crown manages to stay in place for the next 4 to 6 weeks whilst the medicament further disinfects the canal system.

W will return after that time and following further preparation to an apex locator zero readings, and further laser assisted irrigation, I will obturate the canals and place a new internal post-core.

I will keep you updated with the progress.

Many thanks again for this kind referral and the opportunity to work with you.

Best Wishes,



**Richard S. Kahan**  
 Specialist Endodontist  
 Director, Academy of Advanced Endodontics

## Treatment Grid

UR6

## CANAL OBSERVATIONS

	Pulp Status	Foreign Material
UR6\MB	Infected	GP
UR6\MB\MB2	Infected	
UR6\MB\MB	Necrotic	
UR6\P	Infected	GP

## CANAL PREPARATION

	FM	Worked to
UR6\MB	Removed	SX
UR6\MB\MB2		SX
UR6\MB\MB		SX
UR6\P	Removed	SX

## CANAL DRESSING

	Medicament
UR6\MB	Ultracal
UR6\MB\MB2	Ultracal
UR6\MB\MB	Ultracal
UR6\P	Ultracal