

Table 1

Properties of an Ideal Root Canal Irrigant

Able to disinfect dentin and its dentinal tubules

Offer antibacterial substantivity

Able to dissolve pulp tissue and inactivate endotoxins

Remove the smear layer

Be nonantigenic, nontoxic and noncarcinogenic

Have no adverse effects on dentin

Would not affect the sealing ability of filling materials

Be relatively inexpensive and convenient to apply

Cause no tooth discoloration