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