A main concern for clinicians prior to applying a topical agent on an open wound is safety. Agents that are cytotoxic or cause delay in wound healing are used with reservation. The strongest argument against the use of antiseptics on wounds is that antiseptics have been found, primarily using *in-vitro* models, to be cytotoxic to cells essential to the wound healing process, such as fibroblasts, keratinocytes, and leukocytes.[29-31] However, this cytotoxicity appears to be concentration dependent, as several antiseptics in low concentrations are not cytotoxic, although they retain their antibacterial activity *in vitro.*[27] Since the *in-vitro* results are not always predictive of what may happen *in vivo,* numerous studies have been conducted on animal and human models. The results of these studies are conflicting and will be presented later in the article.

**Results***of****these***