

Further research should be directed at the use of herbal irrigants in endodontics by increasing the concentration or by incorporating nanoparticle technologies to increase its efficacy.

CONCLUSION:

3% Sodium hypochlorite showed the maximum antimicrobial activity against *E. faecalis*. Among the natural irrigants, all of them exhibited antibacterial activity against *E. faecalis*, but it was not comparable with that of 3% sodium hypochlorite.

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