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(57) Abstract :

The present invention relates to a composition for use during a dental treatment procedure for disinfecting the dental area. The composition is made up of pomegranate peel extract powder prepared and stored at 4°C and then made into an aqueous solution which is irrigated into the endodontic areas while carrying out a dental treatment procedure such as root canal procedure. The composition has anti-microbial activity against Enterococcus fecalis and Streptococcus mutans. The present invention also relates to a method of synthesizing the composition for use as disinfection for endodontic procedures.

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