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PROCEDURE FOR DECONTAMINATION THE ENDODONTIC SPACE AND THE PERIODONTAL PATHOGENIC MICROORGANISMS

Authors:

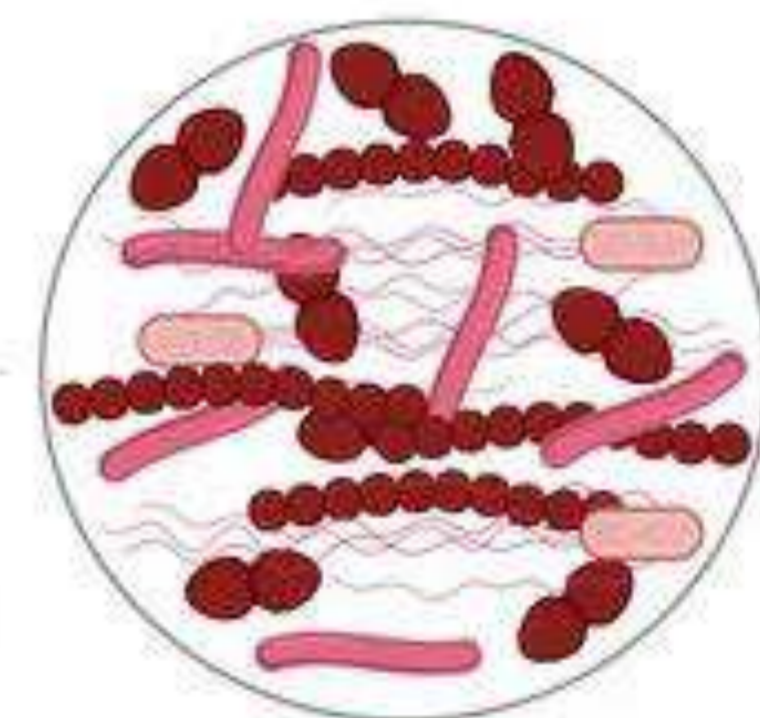
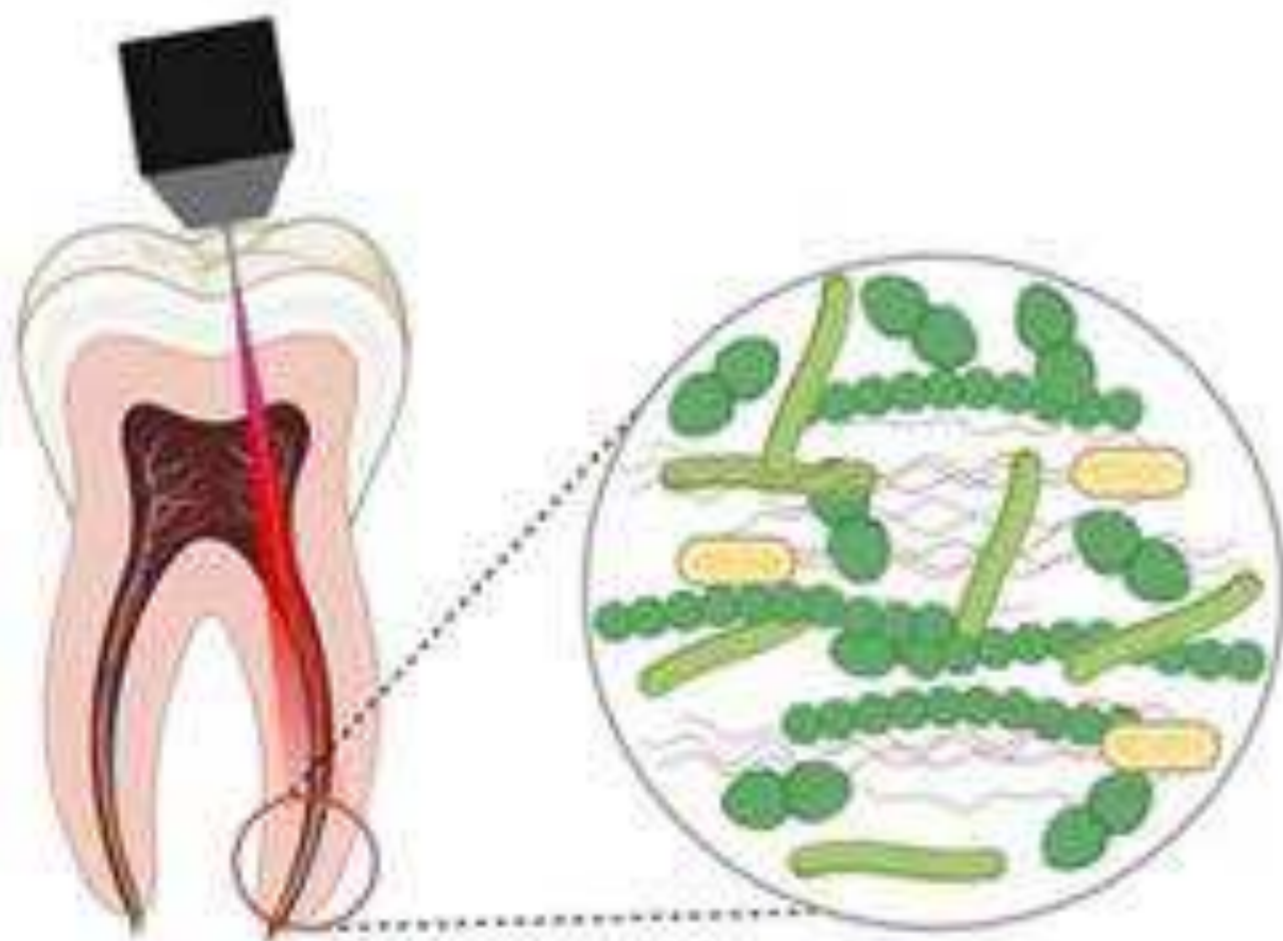
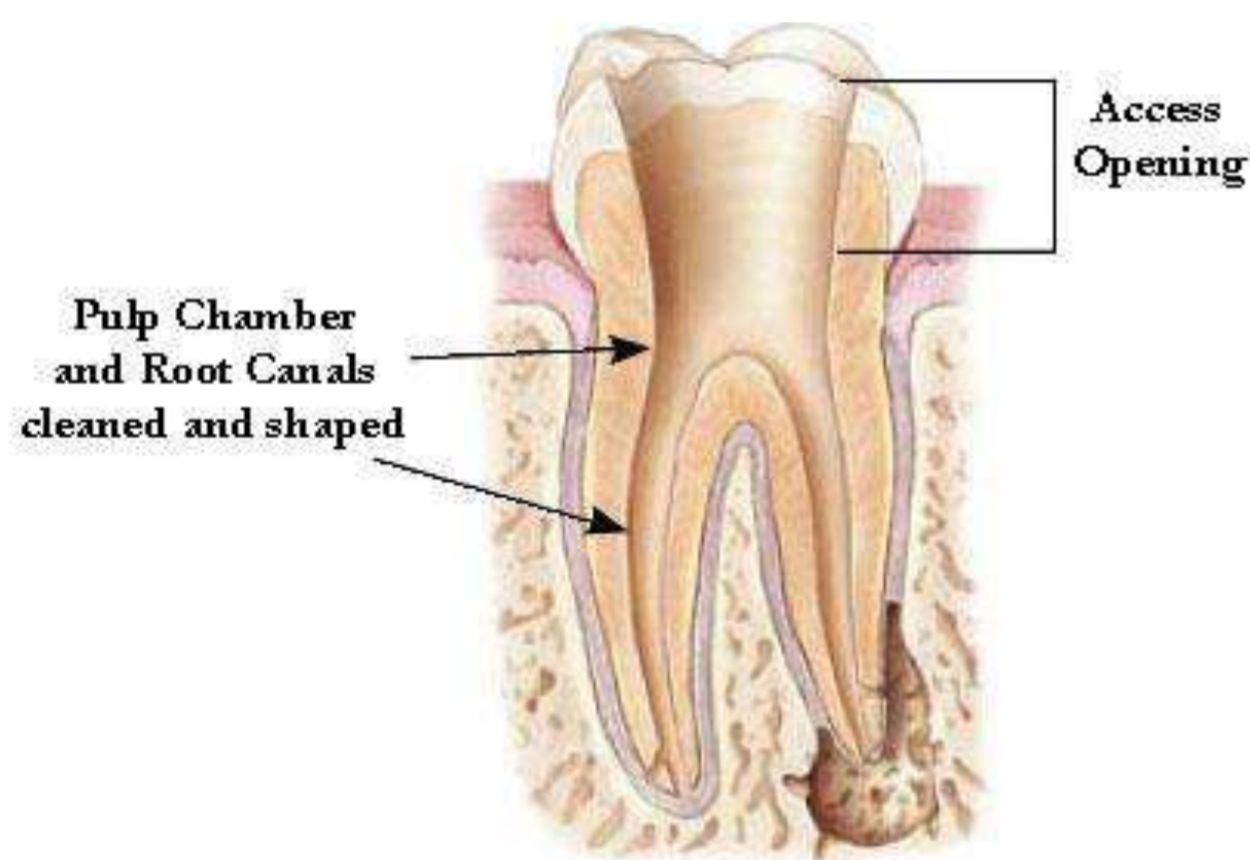
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Patent application

This invention refers to a process for decontamination of the endodontic space and the periodontal pathogenic microorganisms used in dentistry.

There are used two unconventional treatment systems: the injection of 5% hydrogen peroxide, chemically stabilized and antimicrobial photodynamic therapy with DENMAT – SOL type laser.

Judicious mechanochemical decontamination, assisted by the coexistence of the two unconventional treatment systems, is the key for success in endodontic treatment of extensive chronic apical periodontitis.



Advantages:

- Efficient decontamination
- Easy to apply
- No development of bacterial, fungal and viral resistance
- Synergic effect
- A good resistance to recontamination of the endodontic space
- Reduces the time required for treatment
- Prevention by limiting the affected area
- Cheap process
- The components are easy to buy
- Low toxicity
- Reduced number of work steps

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