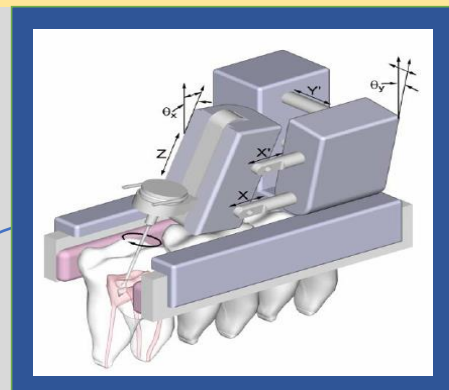
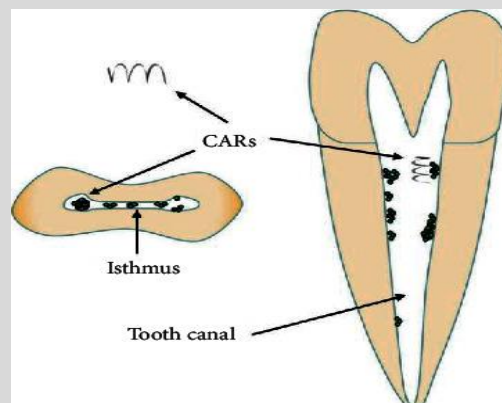


Innovative Microrobots : Your Allies in Root Canal Disinfection

Microrobots are designed to navigate the intricate anatomy of tooth roots, where traditional tools find difficult to reach.

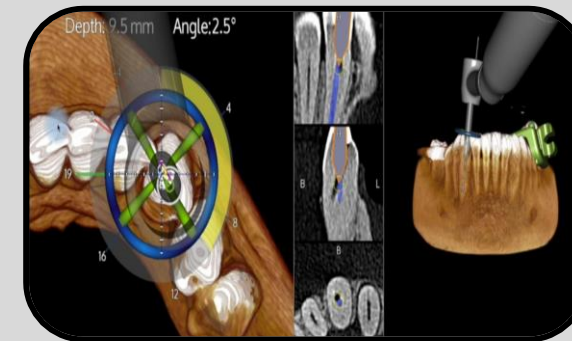
Mechanism



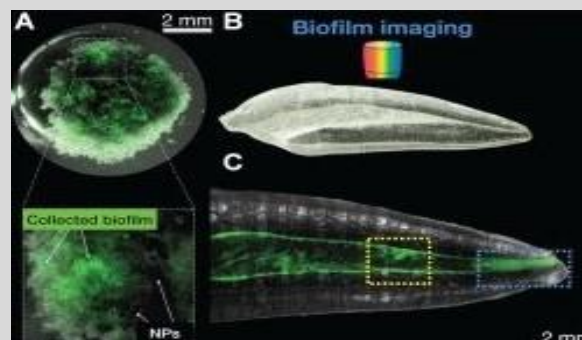
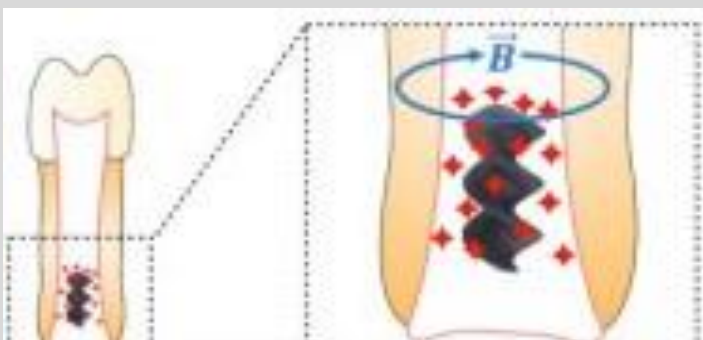
Uses of Microrobots



Access Opening/Cleaning Shaping



Dynamic Navigation System



Robotic Endodontic Surgery

Conclusion: Microrobots hold potential for revolutionizing root canal disinfection, offering a effective solution to overcome traditional limitations. Ongoing research aims to use this technology into clinical practice, enhancing treatment outcomes and patient care.

Reference-Babeer A, Oh MJ, Ren Z, Liu Y, Marques F, Poly A, Karabucak B, Steager E, Koo H. Microrobotics for Precision Biofilm Diagnostics and Treatment. J Dent Res.