Propositions

Associated with the thesis

"Innovative Insights in Decontamination and Healing During Endodontic Treatment"

Victor Feliz Pedrinha

1. Root canal preparation using irrigation solutions, followed by adjunctive steps such as ultrasonic activation or the XP-Endo Finisher instrument, enhances disinfection outcomes (This thesis).
2. The properties of calcium hydroxide pastes are influenced by the vehicles in their formulations. Propylene glycol, a viscous vehicle, appears to be the preferred choice (This thesis).
3. Endodontics should focus on developing suitable medications for vital dental pulp cases, as an otologic drug containing antibiotics is not the most appropriate option (This thesis).
4. Combining a corticosteroid like hydrocortisone with natural antimicrobial compounds such as propolis and copaiba oil-resin is presented as a promising alternative treatment for vital dental pulp cases (This thesis).
5. Cellular assay findings suggest that propolis and copaiba oil-resin contribute to the healing process, a conclusion further supported by molecular docking analysis (This thesis).
6. Propolis and copaiba oil-resin exhibit antimicrobial activity against various endodontic pathogens and lead to disinfection when used as irrigation solutions or intracanal medications (This thesis).
7. The penetration of PEI-Bi_2S_3 nanoparticles into dental biofilms shows their potential for further functionalization or loading with antimicrobials, enabling drug delivery deep within biofilms (This thesis).
8. We only do better what we repeatedly insist on improving. The pursuit of excellence should not be a goal, but a habit (Aristotle).
9. Human beings were endowed with just enough intelligence to clearly see how inadequate intelligence is when confronted with what exists (Albert Einstein).
10. We cannot choose the time in which we live, but we can choose what to do with the time that is given to us (J.R.R. Tolkien).
11. Don't worry about understanding, living surpasses any understanding (Clarice Lispector).
12. Learn how to see. Realize that everything connects to everything else (Leonardo da Vinci).