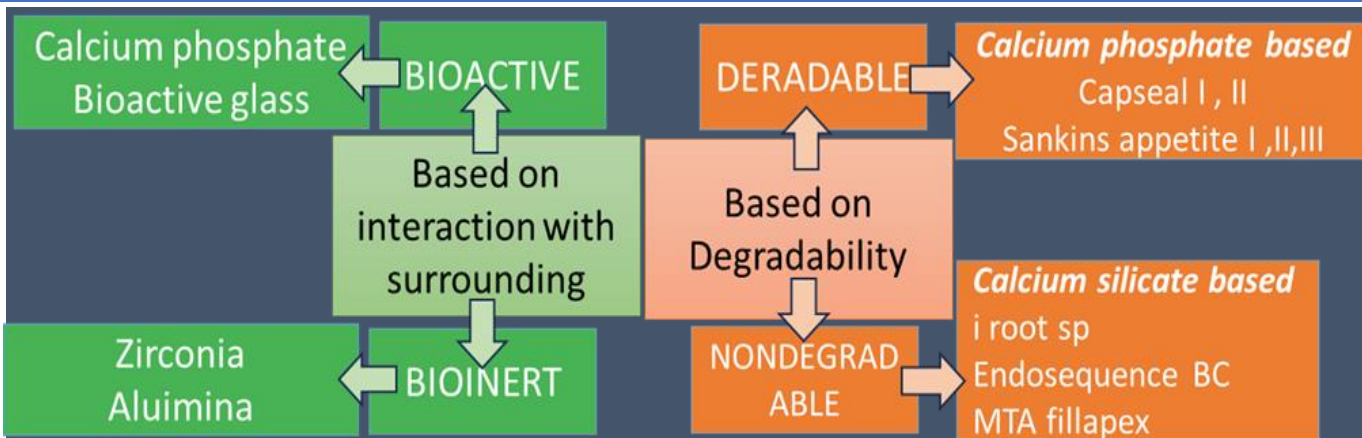


FROM SEAL TO HEAL – THE IMPACT OF BIO CERAMIC SEALERS IN MORDEN ENDODONTICS



PROPERTIES

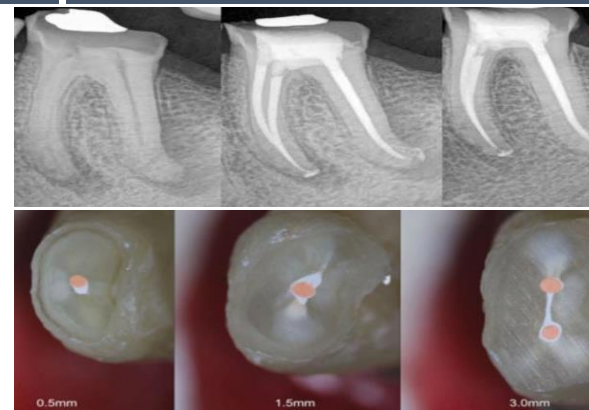
- ✓ Biomineralization
- ✓ Good flow
- ✓ Micromechanical bond
- ✓ Antibacterial
- ✓ Bacterial tight seal
- ✓ Strengthening

ADVANTAGES [OVER TRADITIONAL SEALERS]

- Biocompatibility
- Self sealing adhesion
- Antibacterial
- Promotes Healing
- Sets even in moist conditions
- Better bonding in post/core cases

LIMITATIONS

- High cost
- Difficult to remove in retreatment case
- More solubility
- Longer setting time



CONCLUSION: Sealers represent a significant advancement in endodontic materials, offering exceptional adhesion, biocompatibility, and antimicrobial properties. They enhance sealing efficiency and reduce postoperative complications, making them, promising alternative to traditional sealers..

IMPLICATIONS - sealers enhances the sealing ability and biocompatibility of root fillings, ultimately improving long-term treatment outcomes. Their superior antimicrobial properties, potential to bond in moist environments and promoting tissue healing.

- REFERENCES**
1. Afaf AL-Haddad and Zeti A. Che Ab Aziz Bioceramic-based root canal sealers: A review International Journal of Biomaterials Volume 2016.
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