

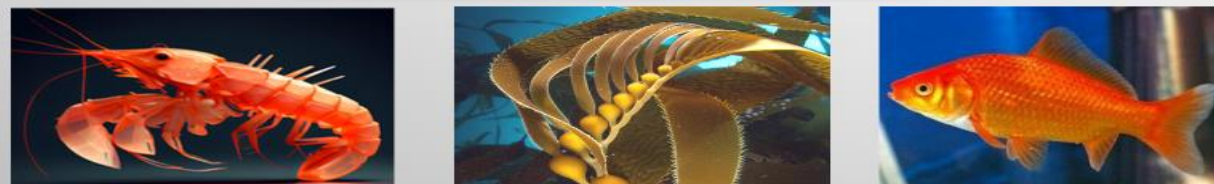
FROM CORAL REEFS TO CANALS : UNLOCKING WONDERS OF MARINE BIOPOLYMERS IN ENDODONTIC ALCHEMY

INTRODUCTION

CLASSIFICATION



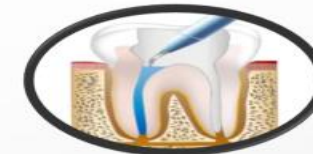
PROCESSING



NANOCOMPOSITE



ICM



CHELATING AGENT

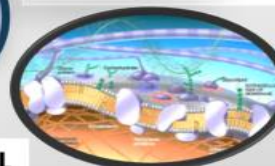


BIOINK

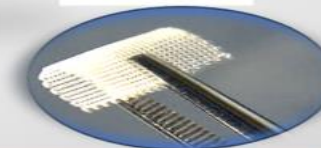


INDICATION

BIOMEMBRANE



SCAFFOLD



HYDROGEL



ADVANTAGES

- EFFECTIVE FLOW, SETTING TIME , FILM THICKNESS
- GOOD BIOCOMPATIBILITY AND BIOACTIVITY
- PRECISE STRUCTURAL CONTROL
- HELPS IN ANGIOGENESIS
- LONG-LASTING ANTIMICROBIAL EFFECT
- REGENERATION OF CELLS AND TISSUE

DISADVANTAGES

- BIAS IN RANDOMIZATION AND BLINDING
- LIMITED CLINICAL TRIAL