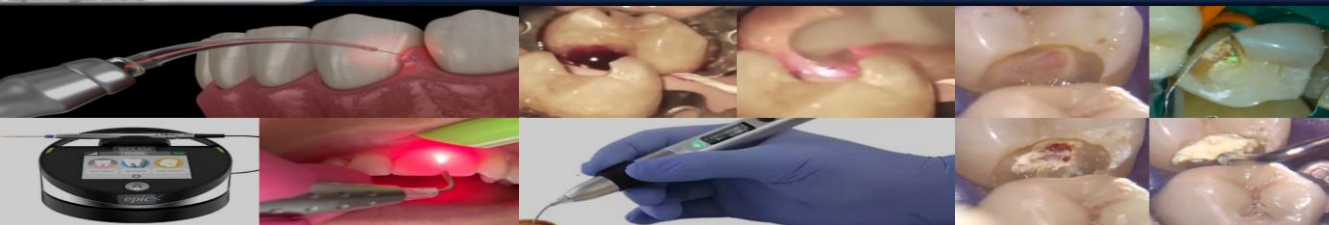
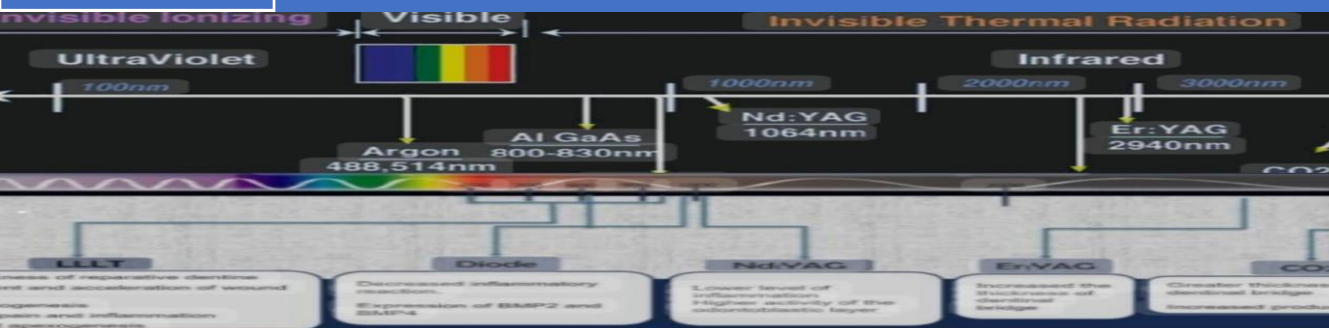


RECENT ADVANCES IN DIRECT AND INDIRECT PULP CAPPING

INTRODUCTION- The aim of pulp capping is to maintain the vitality of pulp in order to maintain healthy pulp tissue by eliminating bacteria from the dentin-pulp complex . It is a clinical procedure aimed at promoting the dental pulp from further damage while promoting healing and maintaining vitality.

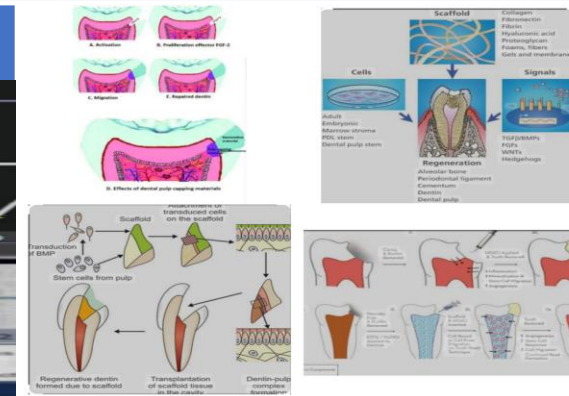
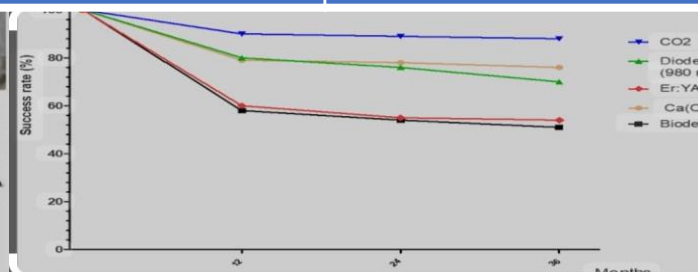
MATERIALS - A- LASERS –DIODE ,ERBIUM ,CO2 ,Neodymium ,Er:YAG



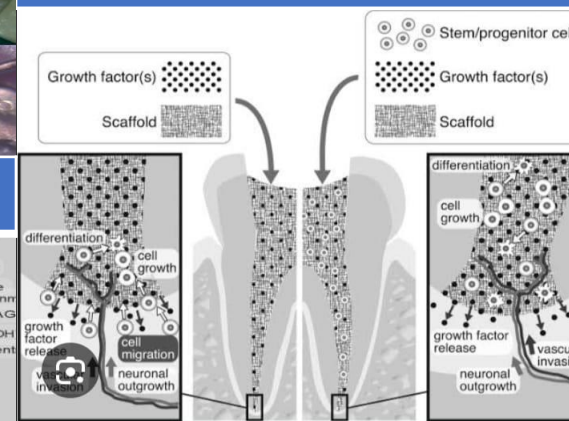
LASER

DIODE

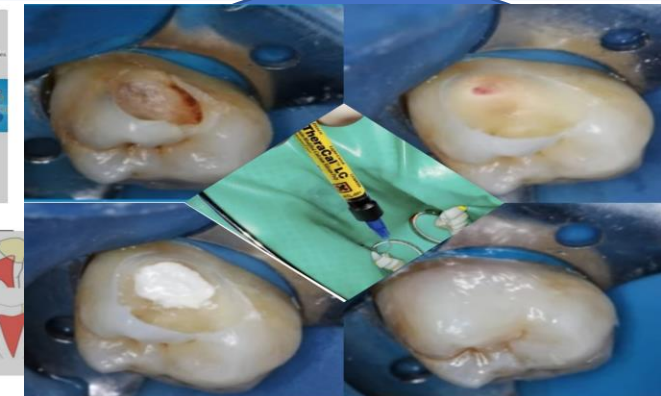
ERBIUM



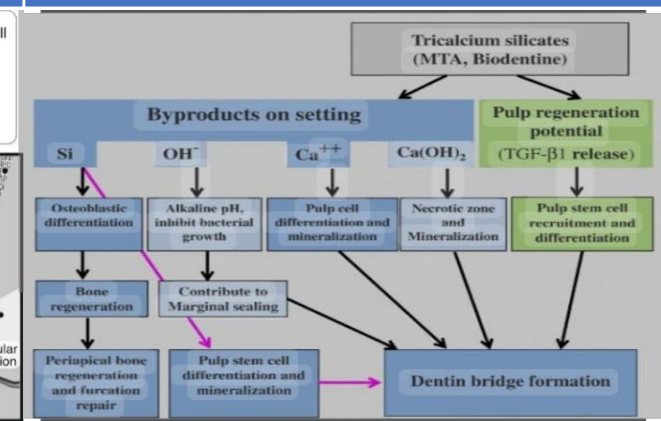
B- BONE MATRIX PROTEIN



C- BONE SIALOPROTEIN



C- THERACAL



D- TRICALCIUM SILICATE

CONCLUSION- Based on the limited evidence laser, proteins ,growth factor, light cured silicate are helpful in maintaining the vitality of pulp.

REFERENCE-Deng Y, Zhu X, Zheng D, Yan P, Jiancapping:The Journal of the American g H. Laser use in direct pulp Dental Association. 2016 Dec 1;147(12):935-42