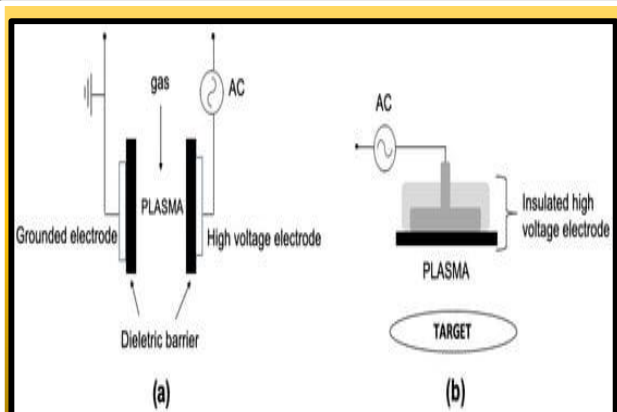


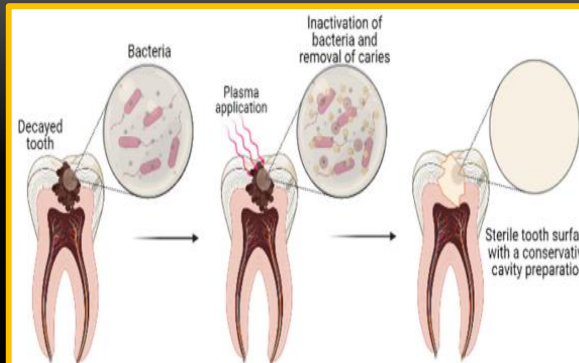
• HEALING BEYOND THE DRILL : COLD PLASMA THERAPY IN ENDODONTICS

WHAT IS COLD PLASMA THERAPY

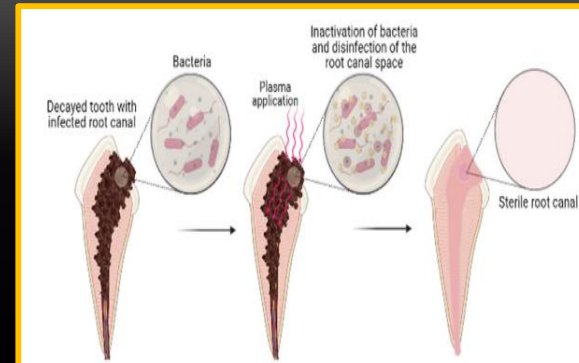


USES OF COLD PLASMA

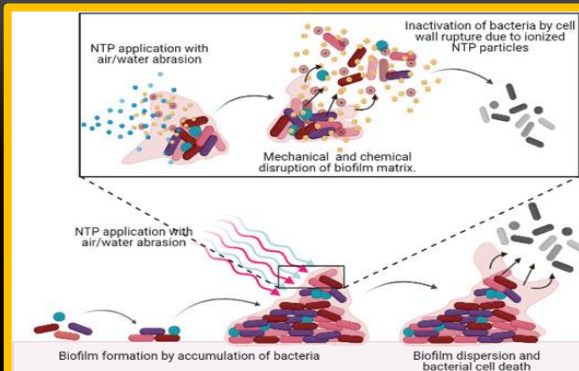
DENTAL CARIES TREATMENT



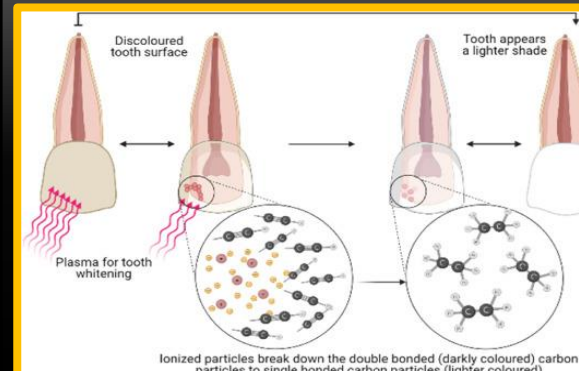
ROOT CANAL STERILIZATION



REMOVAL OF BIOFILM



BLEACHING



SOURCES OF COLD PLASMA

DENTAL SCIENCE APPLICATION	SOURCES OF PLASMA/ PLASMA DEVICES	BIOLOGICAL MODELS
Dental canal disinfection	Plasma jet device/He; He/O ₂	Human extracted tooth
Dental canal disinfection	Plasma jet device/Ar/O ₂	Human extracted tooth
Improvement of dental structures	Plasma brush/Ar; low pressure plasma device/O ₂ , Ar, N ₂ , and He p N ₂	Human extracted tooth
Biofilm reduction	Plasma jet/Ar	In vitro (Bacteria, lab condition)
Biofilm reduction on titanium discs	plasma jet/Ar	In vitro (Bacteria, lab condition), Extracted tooth

WHAT IS THE MECHANISM OF ACTION

