

“EXTENSION FOR PREVENTION”

GV BLACK 1893

CONVENTIONAL CARIES REMOVAL



DRILLING CAUSES

- DELETERIOUS THERMAL EFFECT.
- COMBINED WITH USE OF PRESSURE FOR CARIES REMOVAL-CAUSING PULPAL EFFECTS

NEWER TECHNIQUE

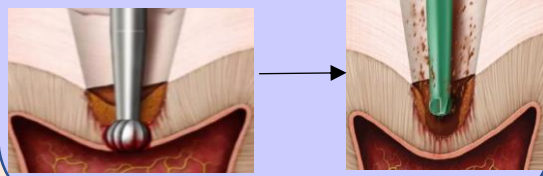
DISADV.

RESULTS
LOSS OF
SOUND
TOOTH
STRUCTURE



“THE NEW ERA OF CARIES REMOVAL : LESS DRILLING, MORE HEALING”

SMART PREP BURS

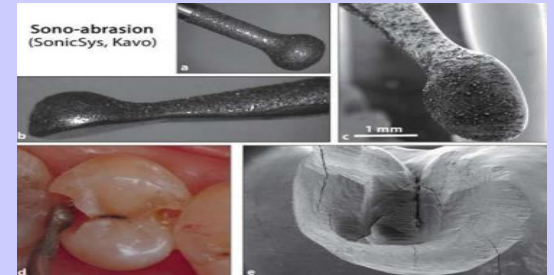


AIR ABRASION



BOMBARDING ALUMINA PARTICLES ON TOOTH SURFACES

SONO ABRASION



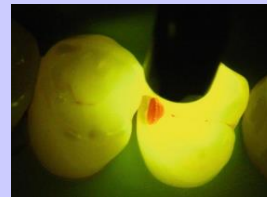
ONLY ONE SIDE IS COATED WITH DIAMONDS SO AS TO PREVENT DAMAGE TO ADJACENT TOOTH

CARIES DISCLOSING DYES



0.5% BASIC FUCHSIN

FLUORESCENCE AIDED CARIES EXCAVATION



AIR POLISHING

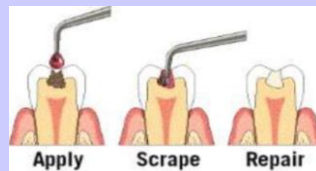


ABRASIVE ACTION OF NaHCO_3 & $\text{Ca}_3(\text{PO}_4)_2$

LASER



CHEMO MECHANICAL CARIES REMOVAL



CARIDEX, CARISOLV, PEPSIN BASED CARIES EXCAVATION

ULTRASONICS



OZONE THERAPY



TRIATOMIC OXYGEN AT CONCENTRATION OF 2100 ppm