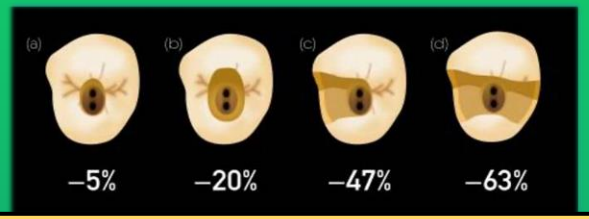
39th IACDE National Conference

REPAIRING DAMAGE, RECLAMING FUNCTION: RECENT ADVANCES IN RESTORATION OF ENDODONTICALLY TREATED TEETH



REDUCTION IN TOOTH STIFFNESS AS A RESULT OF ENDODONTIC AND RESTORATIVE PROCEDURES.

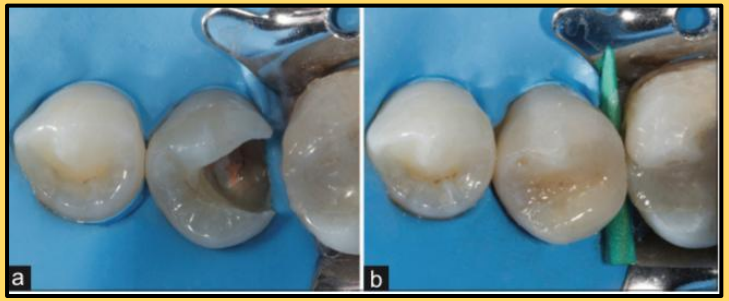
THE ADVENT OF ADHESIVE DENTISTRY HAS ENABLED A MINIMALLY INVASIVE APPROACH AND OPENED UP NEW PERSPECTIVES IN THE RESTORATION OF ENDODONTICALLY TREATED TEETH.

- MO/DO CAVITY WITH WALLS < 2mm
- MOD CAVITY AND BIGGER LOSS

- MO/DO CAVITY>2MM
- 4 WALLS>2MM

ADVANCED MATERIALS-

- RESIN IMPREGNATED GLASS FIBERS ALONG WITH FLOWABLE, BULK-FILL COMPOSITE.
- ACTIVA BIOACTIVE MATERIAL- ENHANCES BOND AND DECREASES SHRINKAGE STRESS.
- INCORPORATION OF WOVEN POLYETHYLENE FIBERS WITH SHORT FIBER REINFORCED COMPOSITE REDUCED OCCURENCE OF COHESIVE FRACTURE IN RESTORATIVE MATERIAL.



INTRACORONAL COMPOSITE RESIN RESTORATION

ATLEAST 1 WALL > 2mm

OVERLAY

ADVANCED MATERIALS-

- MACHINABLE COMPOSITES HAVE MODULUS OF ELASTICITY SIMILAR TO DENTIN,THIS HELPS MAINTAINING HIGH FRACTURE RESISTANCE.
- LITHIUM DISILICATE HAS SUPERIOR AESTHETIC PROPERTIES, AGES BETTER AND HAS LOWER PLAQUE RETENTION.

- NO WALL
- NO FERRULE

ENDOCROWN

VONLAY

CROWNLAY

Abu-Awwad M. A modern guide in the management of endodontically treated posterior teeth. Eur J Gen Dent. 2019 Sep;8:63. doi: 10.4103/ejgd.ejgd_76_19.