





VONLAY IS A BLEND OF AN ONLAY WITH AN EXTENDED BUCCAL VENEER SURFACE FOR USE IN PREMOLAR REGION, WHERE THERE IS SUFFICIENT ENAMEL PRESENT TO BOND. THIS RESTORATIVE OPTION REQUIRES A MUCH LESS INVASIVE PREPARATION THAN A FULL COVERAGE CROWN BUT PROVIDES THE SAME STRUCTURAL BENEFITS.

# AIM:

The purpose of the present poster is to present a clinical case, in which an esthetic and conservative posterior Vonlay is used to restore a multi-rooted teeth.

### METHODOLOGY:







DEPTH **CUTS** 



**FINISHED PREPARATION** 



PUTTY IMPRESSION



FINAL RESTORATION



RESIN CEMENT < BONDING



SILANE APPLICATION



CAD/CAM MILLED VONLAY

"REDEFINING COVERAGE WITH A CONSERVATIVE TOUCH!"

### **INDICATIONS:**

1.Multi-surface erosions 2.Structural, color and texture defects (fluorosis) 3.tooth wear and cervical lesions

4. Full mouth rehabilitation for aesthetic reasons

## ADVANTAGES:

- MINIMALLY INVASIVE
- AESTHETICALLY PLEASING
- PRESERVATION OF PROXIMAL CONTACTS AND MARGINAL INTEGRITY.

#### **DISADVANTAGES:**

- LESSER DURABILITY
- TECHNIQUE SENSITIVE
- LESS ECONOMICAL AS COMPARED TO FULL COVERAGE CROWNS.

## **CONCLUSION:**

Vonlays represents a very conservative treatment alternative as it allows preservation of tooth structure, it is compatible with minimally invasive dentistry, and it is adequate for the concept of bio integration.