

**DR PHIL BROOK
IN 1987
INTRODUCED
INLAY**

SHINING A LIGHT ON INLAYS

PGE 281

GOLD

ALLOYS USED

- HIGH GOLD ALLOYS
- LOW GOLD ALLOYS
- PALLADIUM SILVER ALLOYS
- BASE METAL ALLOYS

-Sturdevent

INDICATIONS

- LARGE RESTORATIONS
- TEETH AT RISK OF FRACTURE
- DENTAL REHABILITATION

-Sturdevent

CONTRAINDICATIONS

- HIGH CARRIES RATE
- YOUNG PATIENTS
- ESTHETICS
- SMALLER RESTORATIONS

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PRE-OP



POST-OP



BURS USED



CAVITY DESIGN

AN INLAY MAY
CAP NONE, OR
MAY CAP ALL
BUT ONE CUSP

-Sturdevent



POST-OP

A FIXED INTRA-CORONAL
RESTORATION, MADE
OUTSIDE THE TOOTH TO
CORRESPOND TO THE
FORM OF THE PREPARED
CAVITY, WHICH IS THEN
LUTED TO THE TOOTH.

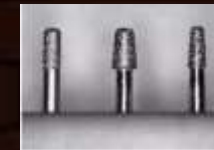
-GPT 2005



CERAMIC



PRE-OP



BURS USED



CAVITY DESIGN



TYPES OF CERAMIC INLAY

- FELDSPATHIC GLASS CERAMICS-VITA BLOCKS MARKII
- CEREC BLOCKS
- TWO LEUCITE REINFORCED GLASS CERAMICS-IPS EMPRESS
- LITHIUM DISILICATE
- VITA SUPRINITY

INDICATIONS

- SMALL TO MODERATE CARIOUS LESIONS
- LARGE TRAUMATIC LESIONS
- ENDODONTICALLY COMPROMISED TEETH
- ALLERGY TO METAL

CONTRAINDICATIONS

- PARAFUNCTIONAL HABITS
- AGGRESSIVE WEAR OF DENTITION

-Sturdevent

BONDING PROTOCOL

- ENAMEL ETCHING
- ETCHING PRIMING AND APPLYING BONDING AGENT TO DENTIN
- SAND BLASTING
- ETCHING PRIMING THE RESTORATION
- CEMENTING THE RESTORATION

-Sturdevent

**TAGGART 1907
INTRODUCED
CAST GOLD IN
INLAY**

OLD IS GOLD!!!

The class II inlay is an intra-coronal cast metal restoration that involves the occlusal and proximal surfaces of a posterior tooth- Sturdevent