

Inlays, onlays, overlays

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special filling type
(indirect method)
in a solid substance
by cementation

metal, composite, ceramics,
combinations

inlay, onlay, overlay

in lab or chair-side

direct-indirect

indications

highly destructed tooth;
root canal treated posterior tooth;
contact point, closing diasthemas;
contours;
raising the bite (!);
abutment (bridges);
(allergy).

disadvantages & contraindications

more costly;
more time-consuming;
high caries activity risk;
too young patient;
small lesions;
symptoms, complains;
isolation problems

Steps of making an indirect inlay or onlay

1. Preparation;
2. taking impressions;
3. temporary filling;
4. checking, trying in;
5. cementation.

General rules

- minimal invasivity;
- occlusal wall divergency;
- no undercuts or undergoing areas;
- rounded inner edges & corners;
- dove-tail retention, isthmus;
- supragingival margins;
- finishing line wouldn't touch the antagonist;
- marginal closing on sound tooth structure;
- question of cusp reduction