

- Title** Assessment of the placement of a provisional crown for restorations
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- Reference** link to full report in French: https://www.has-sante.fr/portail/jcms/c_2893770/fr/evaluation-de-la-pose-d-une-couronne-dentaire-transitoire-pour-couronne-dentoportee-rapport-d-evaluation-technologique

Aim

The aim was to assess the benefits of placing a provisional crown during the interval between tooth preparation and placement of the definitive crown. This assessment was conducted at the request of the National health insurance that wishes to provide coverage for these provisional crowns in the case of restorations. Provisional crown placement is a long-standing routine practice in dental surgery.

Conclusions and results

Based on these best practice guidelines, we can conclude that the placement of a provisional crown during the interval between tooth preparation and placement of the definitive crown protects the residual tooth in vital or endodontically treated teeth, allows the maintenance of good gingival health, the study and stability of occlusal relationships, the restoration of manducatory function and the preservation of aesthetic. These various functions lead to improved definitive crown integration. Nevertheless, it cannot be concluded that the provisional crown improves the survival time of the definitive crown.

Methods

This assessment consisted in a critical analysis of the synthetic literature (best practice guidelines, technology assessment reports, meta-analyses and systematic reviews), identified by a systematic document search selected according to explicit criteria, i.e. best practices guidelines, of mean methodological quality and based on “expert opinions”, relative to interim crown guidelines.

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