

Stainless Steel Crowns

Stainless Steel crowns or “**princess hats**” or “**robot teeth**” are indicated for the restoration of baby molars and permanent molars when the teeth have large cavities, when the teeth require nerve treatment (pulpotomy or baby root canal), as a temporary restoration for fractured teeth, or teeth that have developmental defects affecting the enamel. They are also indicated in cases where previous restorations like silver or white fillings have failed, or if the defect is too large to support a new filling.

Stainless steel crowns are made of an alloy that is biocompatible with our gum tissue, that consists of nickel and chromium.



Benefits of Stainless Steel Crowns

- ✓ Virtually **unbreakable** unlike fillings
- ✓ Covers the entire tooth and therefore not susceptible to **future decay** around the tooth, unlike fillings which can get decay under the filling and at the border between the filling and the tooth
- ✓ **Falls out** (exfoliates) when the tooth is ready to fall out based on the patient's age
- ✓ Made of materials that are **biocompatible** with the soft tissues
- ✓ **Protects the nerve** of the tooth from microleakage (diffusion of bacteria under dental restorations)
- ✓ **Not very visible** in the far back areas of the mouth
- ✓ Can be done in a **non-invasive way** that does not require numbing, injections, shots or drilling
- ✓ Is an option for **young children** and **pre-cooperative** children

Hall Crown Option



Some children may not have the ability to cooperate for traditional placement of crowns, so an alternative approach called **The Hall Technique** can be used.

The Hall Technique is a minimally invasive option for primary teeth that involves placing the stainless steel crown without numbing (**shots, injections, Novocain**), tooth preparation (**drilling**) or sedation (**general anesthesia, nitrous oxide**).

Studies have been done on the Hall Technique and success rates are **above 90%** and comparable to the traditional approach.

If your child needs a stainless steel crown speak with the dentist about this option and if your child is a good candidate to for the Hall Technique.