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| **Name:** |
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| 8A-3 |
| **Basic Science Question:** |
| What is a Hall crown? |
| **Report:** |
| A hall crown is a stainless-steel crown that is placed on top of an unprepared primary molar. It is used to arrest caries and protect the primary tooth until it sheds (Altoukhi). By covering up the lesion, it changes the environment to a less cariogenic flora, which either slows or stops the lesion from progressing (Altoukhi). A conventional crown which is also stainless steel, but they require crimping, and the patient would be given anesthetic for minor interproximal reductions as well as some occlusal and buccal reductions. A hall crown can be utilized for patients that are very young and may not be as compliant. This procedure can be done without the use of anesthesia; and because of that, multiple crowns can be placed within a single appointment. This can allow for a reduced number of visits to the clinic. It is a less traumatic for the patients. So, it works well for children who cannot handle the anxiety from the handpieces or needles. Along with it being much more tolerable for children, it is also more cost effective compared to conventional restorations. Hall crowns are retained for longer and experience less complications at lower costs (Schwendicke). Initially hall crowns may cost more but when taking retreatment into account, it ends up being less expensive than conventional restorations. One of the disadvantages, which was the main concern for hall crowns, was that the preformed metal crowns are not the most aesthetically pleasing and many parents are concerned about how it looks inside their child’s mouth. When explaining to them the benefits and cost-effectiveness, it more than likely leads to them agreeing with the hall crown compared to a conventional restoration (Altoukhi).  |
| **References:** |
| Altoukhi, Doua H. and El-Housseiny, Azza A. Hall Technique for Carious Primary Molars: A Review of the Literature, dentistry journal Published: 17 January 2020 Hort, Kim. “Hall Crown.” ADA, Nov. 2017. <https://www.ada.org/~/media/ADA/Public%20Programs/Files/15_Hort_Hall_crowns_in_Alaskan_children.pdf?la=en>Schwendicke F, Krois J, Robertson M, Splieth C, Santamaria R, Innes N. Cost-effectiveness of the Hall Technique in a Randomized Trial. J Dent Res. 2019 Jan;98(1):61-67. doi: 10.1177/0022034518799742. Epub 2018 Sep 14. PMID: 30216734. |