**Critically Appraised Topic (CAT)**

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| **Project Team:** |
| **1A-4** |
| **Project Team Participants:** |
| **Stefan Idso, Aesha Bhatt, Jordan Dietrich, Muhammad Salahuddin** |
| **Clinical Question:** |
| What conditions are optimal for a stainless steel crown to be successful when contemplating SSC versus extraction and placement of space maintainer? |
| **PICO Format:** |
| **P:** |
| **Pediatric Patients with severely compromised teeth** |
| **I:** |
| **Stainless Steel Crown** |
| **C:** |
| **Extraction and spance maintainer** |
| **O:** |
| **Removal of disease with adequate space maintenance** |
| **PICO Formatted Question:** |
| In pediatric patients with severely compromised teeth, do SCC crowns have comparable success rates to extraction with adequate space maintenance? |
| **Clinical Bottom Line:** |
| Click here to enter text. |
| **Date(s) of Search:** |
| **Sept 14 2020** |
| **Database(s) Used:** |
| **Pubmed** |
| **Search Strategy/Keywords:** |
| Click here to enter text. |
| **MESH terms used:** |
| **Space Maintenance, Stainless Steel, Child** |
| **Article(s) Cited:** |
| **https://www.ncbi.nlm.nih.gov/books/NBK401552/** |
| **Study Design(s):** |
| Click here to enter text. |
| **Reason for Article Selection:** |
| Click here to enter text. |
| **Article(s) Synopsis:** |
| Click here to enter text. |
| **Levels of Evidence:** (For Therapy/Prevention, Etiology/Harm)  See <http://www.cebm.net/index.aspx?o=1025>  **1a** – Clinical Practice Guideline, Meta-Analysis, Systematic Review of Randomized Control Trials (RCTs)  **1b** – Individual RCT  **2a** – Systematic Review of Cohort Studies  **2b** – Individual Cohort Study  **3** – Cross-sectional Studies, Ecologic Studies, “Outcomes” Research  **4a** – Systematic Review of Case Control Studies  **4b** – Individual Case Control Study  **5** – Case Series, Case Reports  **6** – Expert Opinion without explicit critical appraisal, Narrative Review  **7** – Animal Research  **8** – In Vitro Research |
| **Strength of Recommendation Taxonomy (SORT) For Guidelines and Systematic Reviews**  See article **J Evid Base Dent Pract 2007;147-150**  **A** – Consistent, good quality patient oriented evidence  **B** – Inconsistent or limited quality patient oriented evidence  **C** – Consensus, disease oriented evidence, usual practice, expert opinion, or case series for studies of diagnosis, treatment, prevention, or screening |
| **Conclusion(s):** |
| Click here to enter text. |