**Critically Appraised Topic (CAT)**

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| **Project Team:**  |
| **3A-1** |
| **Project Team Participants:**  |
| **Emily Schuler, Anthony Garcia, Jacob Dibbet, Marima Price**  |
| **Clinical Question:** |
| What considerations need to be taken into account when working on a patient with Traumatic Brain Injury? |
| **PICO Format:** |
| **P:** |
| Click here to enter text. |
| **I:** |
| Click here to enter text. |
| **C:** |
| Click here to enter text. |
| **O:** |
| Click here to enter text. |
| **PICO Formatted Question:** |
| Click here to enter text. |
| **Clinical Bottom Line:** |
| Click here to enter text. |
| **Date(s) of Search:**  |
| **9/27, 9/28, 9/29** |
| **Database(s) Used:** |
| **Pubmed, NIH**  |
| **Search Strategy/Keywords:** |
| **Traumatic Brain Injury, Dental Considerations**  |
| **MESH terms used:** |
| Click here to enter text. |
| **Article(s) Cited:** |
| Nathan D. Zasler, Catherine W. Devany, Amy L. Jarman, Richard Friedman & Ann Dinius(1993) Oral hygiene following traumatic brain injury: A programme to promote dental health, Brain Injury, 7:4, 339-345, Stiefel DJ. Dental care considerations for disabled adults. Spec Care Dentist. 2002;22(3 Suppl):26S-39S. PMID: 12375745.Kesikburun S, Alaca R, Aras B, Tuğcu I, Tan AK. Botulinum toxin injection for bruxism associated with brain injury: case report. J Rehabil Res Dev. 2014;51(4):661-4. doi: 10.1682/JRRD.2013.10.0218. PMID: 25144179. |
| **Study Design(s):** |
| **Clincal Trial, Article, Case Report**  |
| **Reason for Article Selection:** |
| **Relevance, Informative** |
| **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[x]  **4b** – Individual Case Control Study[ ]  **5** – Case Series, Case Reports[x]  **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[x]  **B** – Inconsistent or limited quality patient oriented evidence[x]  **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. |