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| **Name:** |
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| **Group:** |
| 1B-4 |
| **Pathology Question:** |
| What are craze lines and what causes them? |
| **Report:** |
| **Craze Lines**   * **Definition:**   + Craze lines are tiny cracks that appear and only affect the enamel of teeth.   + They are found in the majority of adult teeth     - Posterior teeth:       * Craze lines are usually evident crossing marginal ridges and/or extending along the buccal & lingual surfaces     - Anterior teeth:       * Craze lines are usually long & vertical * **Causes:**   + Craze lines are mainly a result of wear & tear on teeth   + Additional causes:     - Bruxism, uneven occlusion, abrasion, chewing on non-food items like ice or hard objects, & injury or trauma to the teeth * **Effects on Dental Health:**   + They are fairly common and usually do not require any treatment   + Craze lines are more of a cosmetic concern     - They can be stained from certain beverages & tobacco use   + They usually produce no symptoms * **Treatment & Prevention:**   + Prevention:     - If one has bad habits like bruxism or nail biting, one can try to change these habits     - Obtaining a night guard from a dentist for bruxism   + Treatment:     - For cosmetic repair:       * Filling in the lines with composite resin       * Professional in-office teeth whitening       * Veneers |
| **References:** |
| Cracking the Cracked Tooth Code: Detection & Treatment of Various Longitudinal Tooth Fractures. (2008). *Endodontics: Colleagues of Excellence*.  Kahler, W. (2008). The cracked tooth conundrum: Terminology, classification, diagnosis, and management. *American Journal of Dentistry,* *21*(5), 275-282. Retrieved September 16, 2020, from <https://www.amjdent.com/Archive/ReviewArticles/2008/Kahler%20AJD%2010-08.pdf>  Whelan, C. (2020, April 01). What Are Craze Lines? Causes, Treatment & Prevention. Retrieved September 16, 2020, from https://www.healthline.com/health/craze-lines |