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| **Name:** |
| Alexandra Pentala |
| **Group:** |
| 7B |
| **Basic Science Question:** |
| What is TMD? |
| **Report:** |
| TMD is a disorder usually involving pain and dysfunction in the TMJ’s as well as the surrounding muscles of mastication. Signs and symptoms include limitations to jaw movement, pain and noise during chewing, and chronic pain in the muscles and joint. There are 3 main classifications of TMD, internal derangement, degenerative joint disease, myofascial pain disorder. Internal derangement refers to the structular displacement of the articular disc in the TMJ. Degenerative joint disease refers to the degeneration and resulting inflammation of the articular disc. Myofascial pain disorder can help classify symptoms as TMD. |
| **References:** |
| 1. Chang, C., Wang, D., Yang, M., Hsu, W., & Hsu, M. (2018). Functional disorders of the temporomandibular joints: Internal derangement of the temporomandibular joint. *The Kaohsiung Journal of Medical Sciences* 2. List, T., & Jensen, R. H. (2017). Temporomandibular disorders: Old ideas and new concepts. *Cephalalgia,* *37*(7), 692-704. 3. Liu, F., & Steinkeler, A. (2013). Epidemiology, Diagnosis, and Treatment of Temporomandibular Disorders. *Dental Clinics of North America,* *57*(3), 465-479. 4. Tanaka, E., Detamore, M., & Mercuri, L. (2008). Degenerative Disorders of the Temporomandibular Joint: Etiology, Diagnosis, and Treatment. *Journal of Dental Research,* *87*(4), 296-307. |