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| **Name:** |
| (Thi My) Linh Nguyen |
| **Group:** |
| 8A-1 |
| **Basic Science Question:** |
| What is Germination? |
| **Report:** |
| Germination is one of the most commonly seen hard tissue developmental anomalies in dental pratice. It is defined as an attempt to make two teeth from one enamel organ, resulting in a structure of two completely or incompletely separated crowns with a single root and root canal. The presence of the large and bifid crown may cause limited spacing in dentition, difficulty in chewing, and easthetics concern.  Germination is often confused with fusion. However, the difference is that the total number of teeth in case with fusion is less than the actual number of teeth that is supposed to be present in the mouth. In Germination, the number of teeth in the dentition is normal, indicating that the germinated tooth is counted as one unit. |
| **References:** |
| Levitas, T C. “Germination, Fusion, Twinning and Concrescence.” *Journal of dentistry for children (Chicago, Ill.)* vol. 32 (1965): 93-100.  Shokri Abbas et al. "The largest bilateral gemination of permanent maxillary central incisors: Report of a case. *Journal of clinical and experimental dentistry* vol. 5,5 e295-7. 1 Dec. 2013, doi: 10.4317/jced.51197 |