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Tooth Development

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| **Across**  **2.** The first stage of tooth development.  **4.** The second stage in tooth development.  **6.** Results from the union of two adjacent tooth germs, possibly resulting from pressure in the area, which leads to a broader, falsely macrodontic tooth similar to gemination.  **8.** Inner mass of ectomesenchyme of tooth germ that produces dentin and pulp.  **10.** Separates the oral epithelium and the ectomesenchyme in the stomodeum.  **12.** Absence of single tooth or multiple teeth owing to the lack of initiation.  **14.** The third stage in tooth development.  **16.** When the enamel organ accidentally invaginates into the dental papilla.  **17.** Primordium of tooth consisting of enamel organ, dental papilla, and dental sac. | **Down**  **1.** Final stages of tooth development.  **3.** Extra teeth.  **5.** During the later part of the seventh week, the oral epithelium grows deeper into the ectomesenchyme and is induced to produce a layer called?  **7.** The fourth stage of tooth development.  **9.** Accessory cusps on cingulum of anterior teeth or occlusal tables of permanent molars.  **11.** Cap or bell-shaped part of tooth germ that produces enamel.  **13.** Tooth germ part consisting of ectomesenchyme surrounding outside of enamel organ.  **15.** Occurs as the single tooth germ tries unsuccessfully to divide into two tooth germs, which results in a large single‑rooted tooth with a common pulp cavity. |

   Gemination       Fusion       Supernumerary teeth        Initiation stage       Dental lamina       Basement membrane        Anodontia        Bud stage       Tooth germ       Cap stage       Enamel organ       Dental papilla       Dental sac       Bell stage       Apposition and Maturation       Dens in dente       Tubercles