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國立臺灣大學 110 學年度碩士班招生考試試題

科目：基礎齒顎矯正學

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You can use either English or Chinese to answer these questions.

For treating a 12-year-old boy with Class II division 2 malocclusion,

1. Please describe the biomechanics of how you would design to distalize upper dentition in this boy with drawings to show the vectors and forces, what kinds of side effects you expected, and how to prevent them. (25%)
2. Please describe the tissue reactions around upper incisors including what types of cells are involved, their functions resulting in tooth movement, and the signaling events at different time points. (25%)
3. How would you know if this patient's mandible is still growing? Please discuss possibilities including radiographs, and biochemical tests in detail. (20%)
4. Please describe embryonic development of mandible and its innervation. (30%)

試題隨卷繳回