

PRIMARY DENTITION OCCLUSION

1. Generalized spacing -- 40% of children
2. Primate spaces -- most children "Neutroclusion"
3. Shallow overbite is typical
4. Mesial step vs. Distal step (terminal molar relationships)
5. How does Class I *permanent* molar relationship develop?
 - a) Primary molars erupt into Cl. I relationship **OR**
 - b) Flush terminal plane, followed by late mesial shift (after exfoliation of primary molars)
6. Malocclusion -- *Permanent* molar relation is best measure

Class I	-	Crowding	
Class II	-	Maxillary arch moved anteriorly	- "Bugs Bunny"
Class III	-	Mandibular arch moved anteriorly	- "Lantern Jaw"
7. Causes of Malocclusion
 - a) Hereditary lack of arch depth
 - b) premature loss of primary molars → premolars blocked out
 - c) Space loss due to proximal caries → premolars blocked out
 - d) Habits: thumb or lip sucking
 - e) Ectopic Tooth Eruption
 - i. idiopathic
 - ii. over-retention of primary molars due to trauma and/or ankylosis of cementum to alveolar bone