

Classification:

- Class I Malocclusion
- Class II Malocclusion
- Class III Malocclusion

Class III :

- Prenormal occlusion or mesioclusion.
- Mesial or ventral relationship of maxilla to mandible.
- The mesial groove of mandibular First permanent molar articulates anteriorly to the mesiobuccal cusp of maxillary the first permanent molar.

Q3 = Illustrate the Periods of occlusal development?

Periods of occlusion development :

- The development of occlusion can be divided into the following developmental periods:
  1. Pre - dental Period.
  2. The deciduous dentition period.
  3. The mixed dentition Period.
  4. The Permanent dentition Period.



### Pre-dental Period ::

The period after birth during which the neonate does not have teeth.

Lasts for 6 months.

### Deciduous Dentition Period :-

Initiation of primary tooth buds occurs during first six weeks of intra-uterine life.

Primary teeth begin to erupt at age of about 6 months.

Eruption time for primary teeth  $2\frac{1}{2}$  -  $3\frac{1}{2}$  years.

### Mixed Dentition Period ::

Mixed dentition period begins at approximately 6 years of age with eruption of 1st permanent molars.

During mixed dentition period, deciduous teeth along with some permanent teeth are present in oral cavity.



Permanent Dentition Period :-  
Permanent dentition forms within  
jaws soon after birth, except  
for cusps of first permanent  
molars, which form before birth.

Permanent incisors develop lingual  
or palatal to deciduous incisors  
and move labially as they  
erupt.

Premolars develop below diverging  
roots of deciduous molars.



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~~Period~~ = orthodontic

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Q1 = For missing upper central incisor due to trauma at young age, which is more preferable implant or esthetic bridge?

In this condition we can not recommend neither implant nor bridge.

Q2 = Explain the condition of upper and lower teeth? And how it effect on the jaw and shape of face?

⇒ It is class III Malocclusion.

⇒ Definition ∴

"A condition where the mesiobuccal cusp of the upper first molar occludes between the mandibular first and second molars."