

**Maxillary canine**



## Permanent Maxillary canine

General characteristic feature of the canine:

1. Placed at the corner of the mouth keeping facial expression.

2. Longest teeth in the mouth

3. Most stable teeth because :

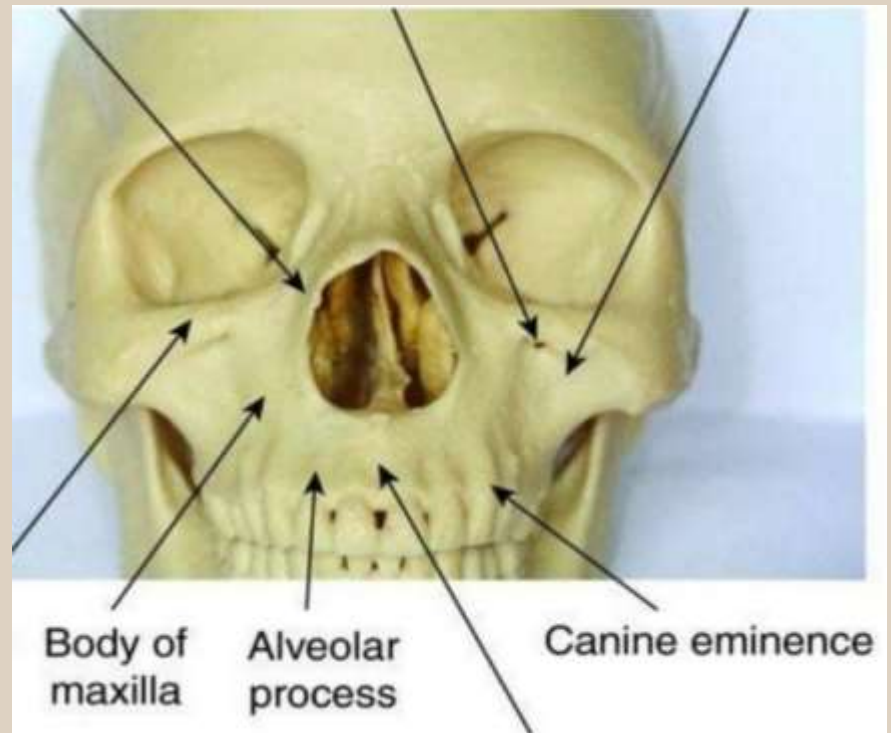
A. Have large labio-lingual dimension

B. Long root , well anchored in alveolar bone

4. Canine develops from 4 lobes , 3labial lobes , 1 lingual lobe

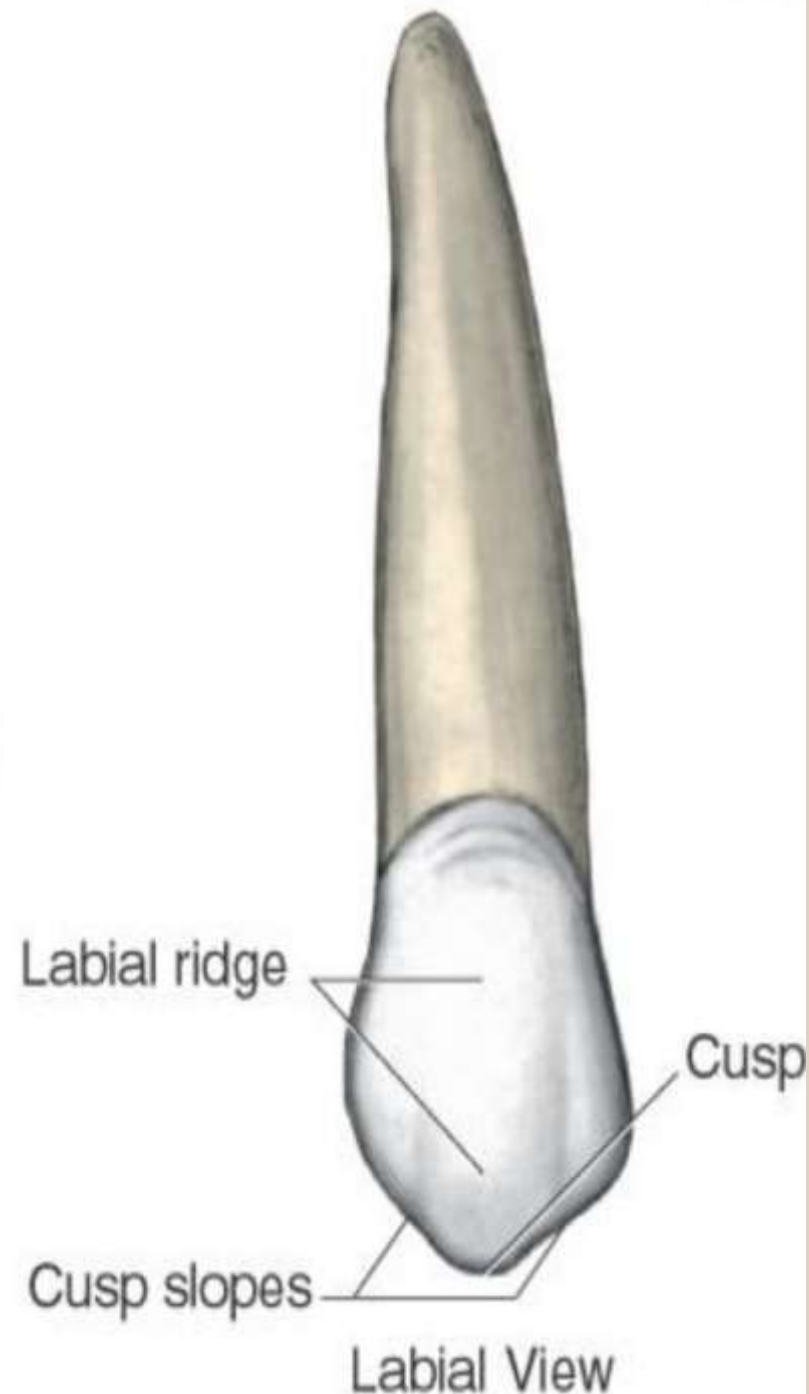
## Maxillary canine functions :

1. Supporting the maxillary incisors
2. Tearing of food
3. Esthetic by (canine eminence : bony ridge over the labial surface of canine root , help to ensure normal facial expression at the corner of the mouth )



## Labial aspect :

1. The crown is trapezoidal in shape.
2. Cemento-enamel junction or (cervical line ) is convex towards the root
3. Mesial Contact area located (at the junction between middle and incisal third .
4. Distal contact area located at middle third

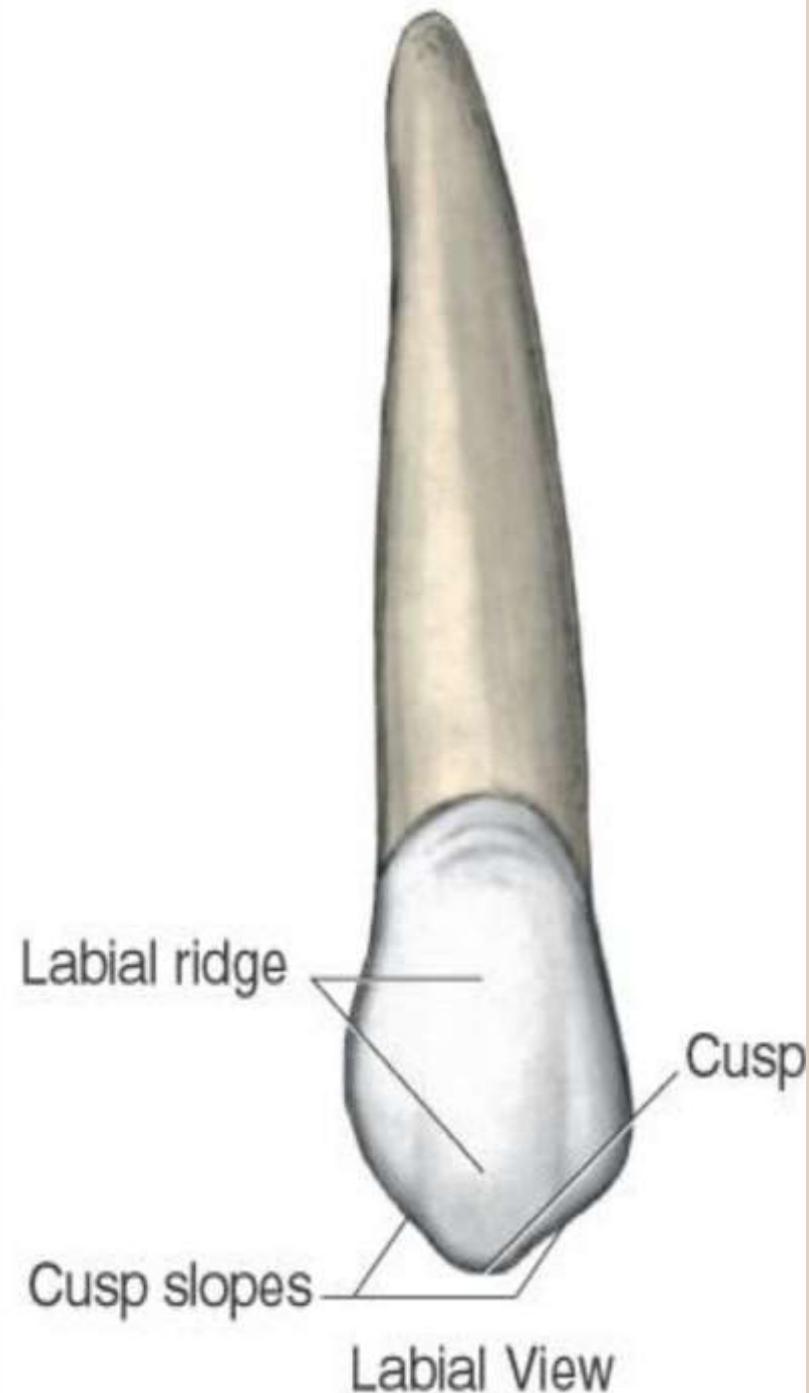


5. Mesial out line : convex from the cervical line to the (mesial contact area).

6. Distal out line : concave between cervical line to the (distal contact area )

7. Incisal out line : a pointed tip called (cusp tip ) is on the line with center of root , the cusp has two slopes , mesial and distal slope .

8. The mesial slope is shorter than distal slope .



## Lingual aspect :

1.The tooth converge lingiually or palatally (lingual surface of the tooth narrower than labial surface )

2. In the lingual or palatally surface of canine there are :

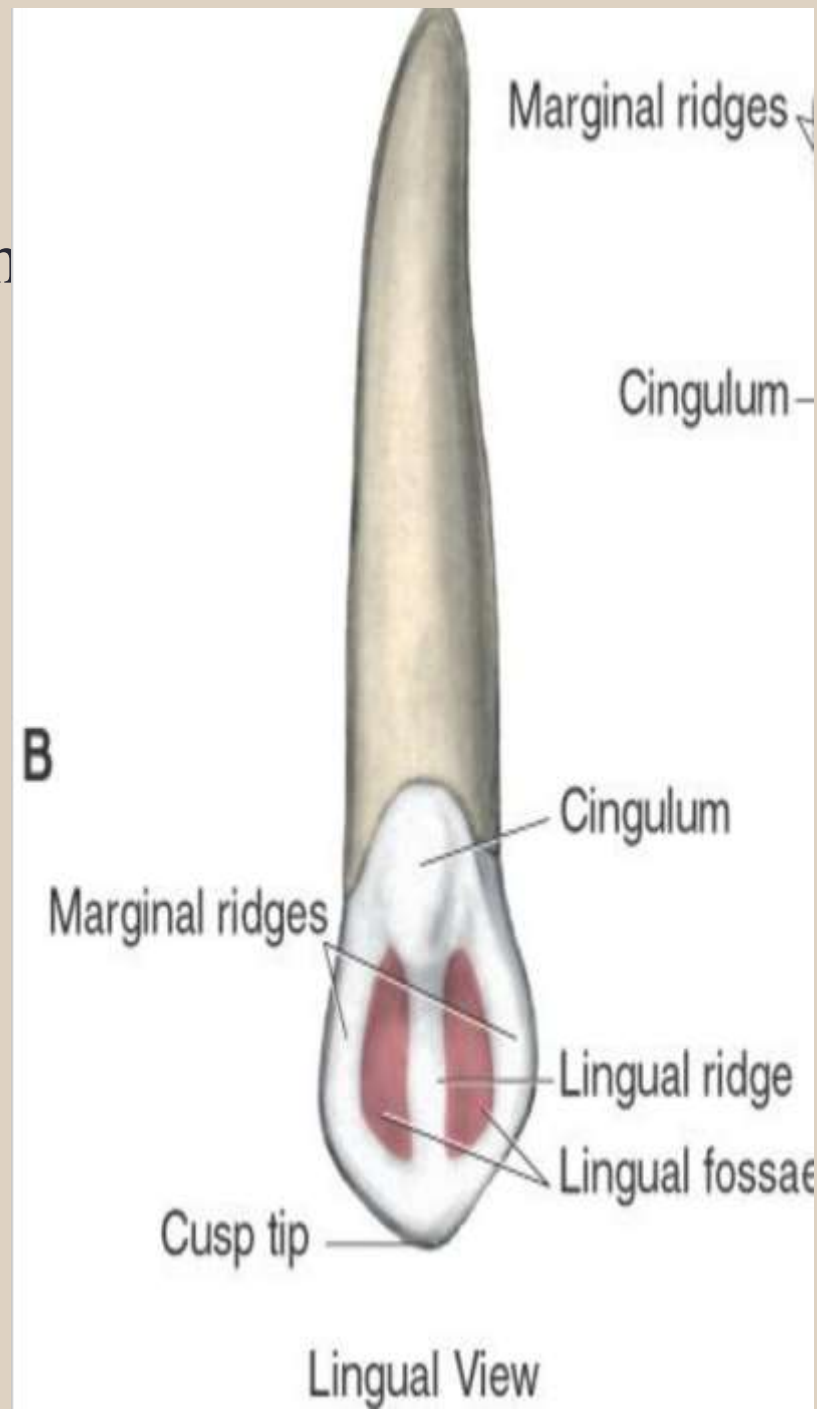
A. Large cingulum

B. Mesial & Distal marginal ridges

C. Central Lingual ridge: run from the cusp tip to the cingulum .

D. 2 lingual fossa (mesial fossa & distal fossa ) usually shallow fossa .

3.Root is convex and narrower .



## Mesial Aspect :

1. Greater labio-lingual measurement than any of other anterior teeth.
2. Triangular shape of crown.
3. Labial out line is convex
4. Lingual outline is (convex then slight concave and become convex .



5. Cusp tip located labially to the root axis .

6. The cervical outline curves incisally about 2.5mm



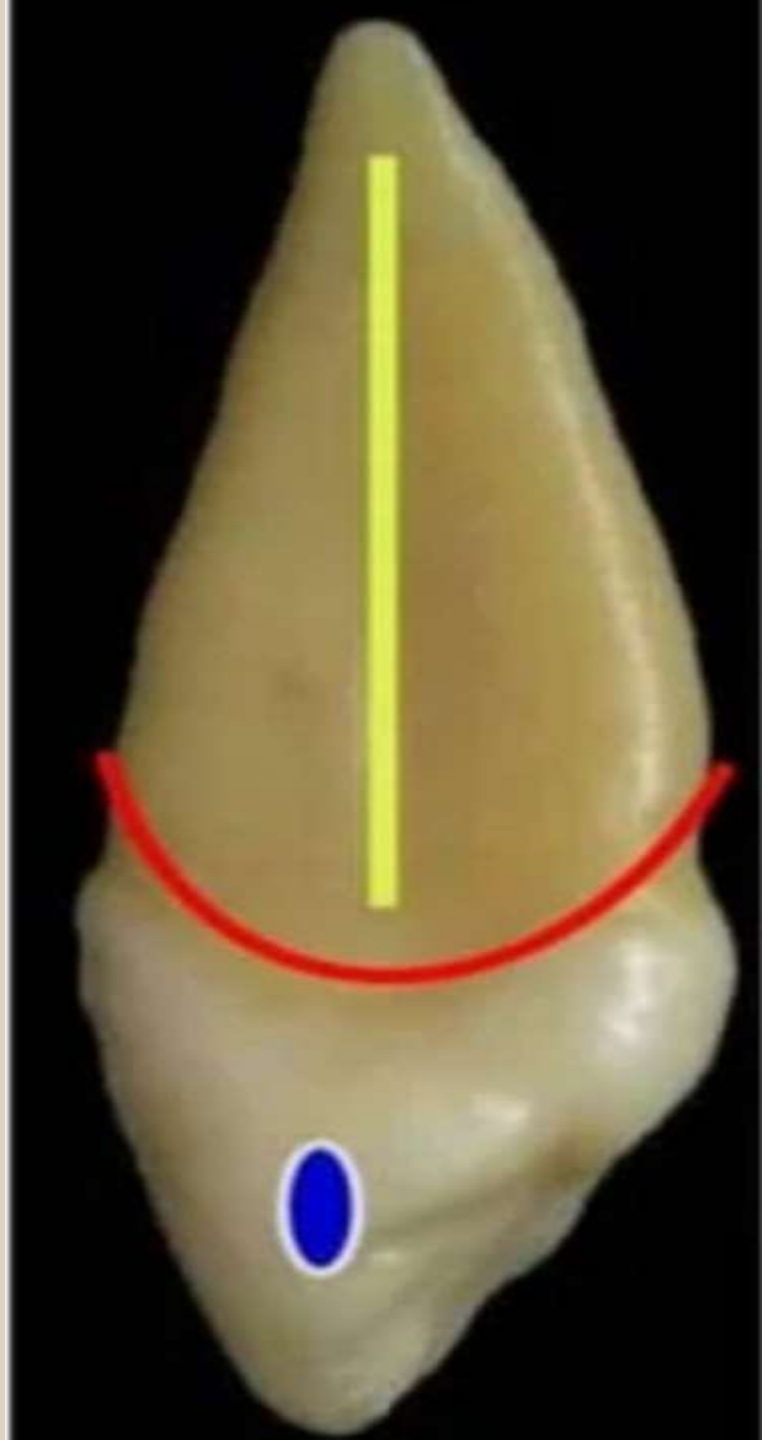


## Distal Aspect:

The shape of the crown is the same in mesial aspect but :

A. Less curvature of cervical line (1.5mm)

B. The distal surface of crown is concaved cervical to the contact area.



## Incisal aspect :

1. The labio-lingual dimension is greater than the mesiodistal .
2. The tip of the cusp located labial and mesial to the centers of the crown .
3. Labial surface of canine is more convex than incisors teeth .

