

QHA - Dental Anatomy

By: Serceu Hawandeh

Anterior teeth Comparison

Max Central	Max lateral	Mn Central	Mn lateral	Max Canine	Mn Canine
<p>Broadest</p> <p>Marked developmental groove DLDG MLDG 90° HL angle smaller Labiolingual</p>	<p>$LL > MD$</p> <p>Labial surface more convex than central</p> <p>Bulk rounded</p>	<p>The Smallest</p>	<p>Larger than Mn Central</p> <p>HL angle acute DI angle Mesial outline is longer</p>	<p>The longest</p> <p>Distal Mesial C.cusp C.x C.cave mesial cusp stop -> short</p>	<p>Corner Stone</p> <p>Tools & Root</p> <p>Distal Mesial C.x C.cave making straight line with root cusp tip is lingual to the line bisecting the root</p>
<p>incisal ridge Come at a line bisecting the root</p>	<p>incisal ridge lingual to a line bisecting the root</p>	<p>incisal ridge lingual to a line bisecting the root</p>	<p>incisal ridge lingual to a line bisecting the root</p>	<p>CA round at junction of incisal & middle 3rd</p> <p>with the line, bisects the root or slightly labial</p>	<p>CA round at junction of incisal & middle 3rd</p> <p>with the line, bisects the root or slightly labial</p>
<p>has the greatest cervical line curvature</p>	<p>Most Curious -> Pits</p> <p>* landmarks more developed than Central</p>	<p>* Distal Aspect -> Distal Developmental depression Deeper than Mesial one</p>	<p>Cingulum is inclined toward distal surface</p>	<p>2 lingual fossae</p>	<p>2 lingual fossae one of them -> kidney shape</p>
<p>Apex -> Blunt</p>	<p>Apex -> pointed</p> <p>From Lab view ^ M/D view ^ Blunt</p>	<p>Apex -> Pointed</p> <p>From Lab view ^ M/D view ^ Blunt</p>	<p>Apex -> Pointed</p>	<p>Apex -> Blunt</p> <p>developmental depression deeper at Distal</p>	<p>Apex -> Blunt</p> <p>Developmental depression more developed</p>
<p>Contact Area</p> <p>Mesial CA -> at incisal 3rd Distal CA -> at middle 3rd</p>	<p>Mesial CA -> Btw Incisal & middle 3rd Distal CA -> at middle 3rd</p>	<p>Mesial & Distal CA -> incisal 3rd</p>	<p>more Cervically compared to lower Central</p>	<p>Distal CA -> middle 3rd Mesial CA -> junction middle & incisal 3rd</p>	<p>Mesial CA at incisal 3rd, found Distal CA is located at the junction btw incisal & middle 3rd</p>
<p>outline</p> <p>Trapezoid Labial lingual Mesial Distal Incisal</p>	<p>Microdontia acrodonia</p>	<p>straight & lingually inclined Mesial halves & Distal -> Identical</p>	<p>incisal edge is straight & sloped downward toward distal surface w/ acute angle cingulum inclined distally</p>	<p>cusp tip close to mesial side</p>	<p>$LL > MD$ diameter cusp tip is lingual & mesial to the center of crown</p>

* Distal inclination of root

* Distal Contact area more cervical than mesial one

* For Ant, always Labiolingual dimension greater than Mesiodistal, except Max Central Incisor.

Chronological package for anterior teeth

	<u>1</u>	<u>1</u>	<u>2</u>	<u>2</u>	<u>3</u>	<u>3</u>
Appearance of Dental Organ	5 MIU				6 MIU	
Beginning of Calcification	3:4 M			12M <i>last to calcify → Malposition</i>	4:5 M	
Crown Completed	4:5 Y				6:7 Y	
Eruption	6:7 Y	7:8 Y	8:9 Y	9:10 Y	10:11 Y	
Root Completed	Eruption +3 Y					

All the Best ♡