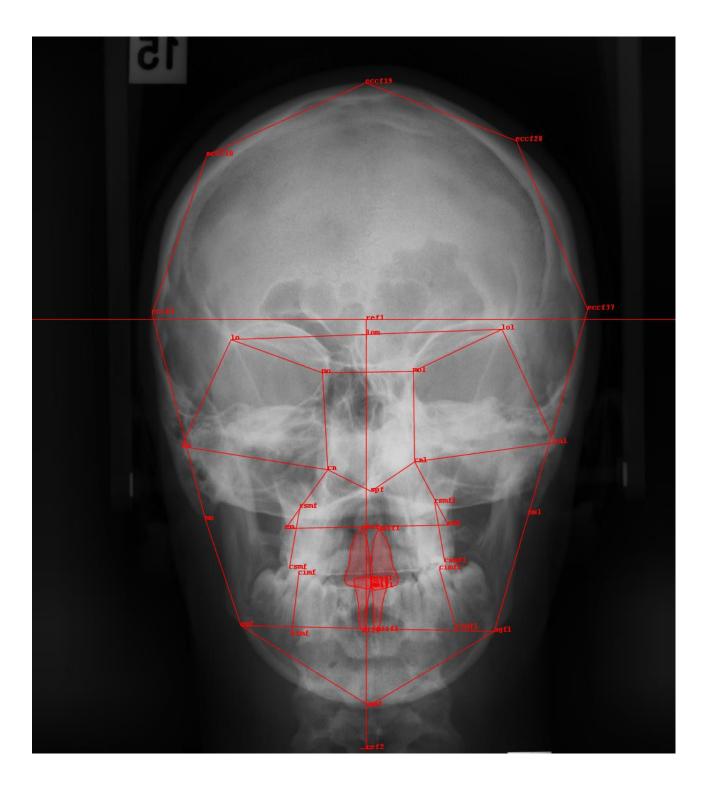


## Tiops Cephalometric Analysis: Frontal Analysis



## The blue landmarks can be skipped.

Complete Landmark Reference	European	USA	Definitions			
Frontal Landmarks	notation	equivalent	Regimens: Standard (S), Blueprint (B), Snake(S) ->	S	в	S
Symmetry Reference						
Reference1	ref1		Point above the orbitae reflecting the midsagittal axis of the anterio-posterior view			
Reference2	ref2		Point below the chin reflecting the midsagittal axis of the anterio-posterior view			
Calvarium				$\square$		
ExternCranContFron1	eccf1		Intersection of radius 1 and the external contour of the calvarium - nine o'clock			
ExternCranContFron10	eccf10		Intersection of radius 10 and the external contour of the calvarium - ten thirty			
ExternCranContFron19	eccf19		Intersection of radius 19 and the external contour of the calvarium - tvelwe o'clock			
ExternCranContFron28	eccf28		Intersection of radius 28 and the external contour of the calvarium - two thirty			
ExternCranContFron37	eccf37		Intersection of radius 37 and the external contour of the calvarium - three o'clock			
Orbitae						
LatOrbit	lo		Intersection of the inominate line and the orbital margin on the right side			
LatOrbitLeft	lol		Intersection of the inominate line and the orbital margin on the left side			
MedOrbit	mo		Point on the medial contour of the orbital margin of the right side that is closest to the median plane			
MedOrbitLeft	mol		Point on the medial contour of the orbital margin of the left side that is closest to the median plane			
Zygomae						
ZygomalArch	zal		The lateralmost point of the zygomatic arch on the right side			
ZygomalArchLeft	zal		The lateralmost point of the zygomatic arch on the left side			
Cavum Nasi						
CavumNasi	cn		The lateralmost point of the bony nasal cavity on the right side			
CavumNasiLeft	cnl		The lateralmost point of the bony nasal cavity on the left side			
Maxilla						
SpinalPointFron	spf		Midpoint of the Maxilla located at the anterior nasal spine			
EctoMaxil	em		Point located on the lateral contour of the maxilla on the right side that is closest to the median plane			
EctoMaxilLeft	eml		Point located on the lateral contour of the maxilla on the left side that is closest to the median plane			
Mandible						
Mastoidale	ms		Inferiormost point on the mastoid process on the right side			
MastoidaleLeft	msl		Inferiormost point on the mastoid process on the left side			
AntegonionFron	agf		Superiormost point of the antegonial notch on the right side of the mandible			
AntegonionFronLeft	agfl		Superiormost point of the antegonial notch on the left side of the mandible			
GnathionFron	gnf		Midpoint of the mandible located by projecting the mental spine to the lower border of the mandible			
UpperIncisors						
MesSupIncFron	msif		Mesial contact point of the upper right central incisor			
ApexSupIncFron	asif		Apex of the upper right central incisor			
MesSupIncFronLeft	msifl		Mesial contact point of the upper left central incisor			
ApexSupIncFronLeft	asifl		Apex of the upper left central incisor			
UpperMolars						
CuspSupMolFron	csmf		Buccal cusp tip of the upper right first molar.			
RootSupMolFron	rsmf		Point at the root level of the upper right first molar reflecting the tooth axis inclination			
CuspSupMolFronLeft	csmfl		Buccal cusp tip of the upper left first molar.			
RootSupMolFronLeft	rsmfl		Point at the root level of the upper left first molar reflecting the tooth axis inclination			

	Stage2		
CRANIAL			
lo-lol	mm	88.0	97.0 -3.0
TRANSVERSAL			
ref2-ref1-spf	deg	-1.5	0.0 -1.4
spf-SAL	mm	-1.5	0.0 -1.4
ref2-ref1-gnf	deg	-0.4	0.0 -0.3
gnf-SAL	mm	-0.9	0.0 -0.3
spf-gnf/SAL	deg	0.5	0.0 0.4
E DENTAL			
ILsf/SAL	deg	-5.0	0.0 -2.0
ILsfl/SAL	deg	-8.3	0.0 -3.3
msifm-SAL	mm	-1.7	0.0 -0.8
msifm-MMLf	mm	-0.5	0.0 -0.3
ILif/SAL	deg	-0.1	0.0 0.0
ILifl/SAL	deg	3.4	0.0 1.3
miifm-SAL	mm	-1.6	0.0 -1.0
miifm-MMLf	mm	-0.3	0.0 -0.2

SAL represents the midline defined by ref1 - ref2

MMLf is defined as the line through spf and gnf and represents the interrelations of the jaws