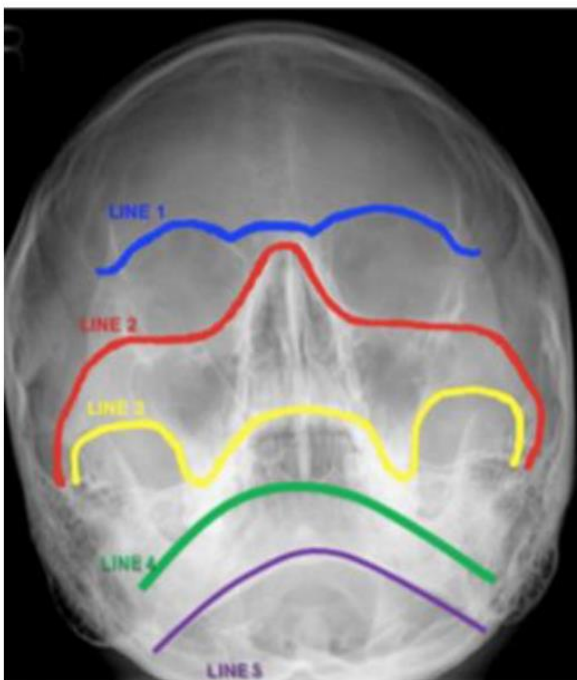


2. Key Genes associated with the Development & Growth of the tissues and the craniofacial complex

Gene	General Role & Function	Significance for Craniofacial Development & Growth
Gh (Growth hormone)	Peptide hormone-mitogen: Cell growth and tissue regeneration	Growth of multiple CF tissues, structures; variations in MD growth, dentofacial treatment
Bmp-1 to Bmp-9	Signaling molecule: Skeletal differentiation, Growth, Repair	NCC and CF mesenchyme patterning; suture development; odontogenesis; nsCL/P
Dlx-1 to Dlx-6	Homeobox: osteogenesis chondrogenesis; Limb development	Orofacial clefting



3.



Mc-GRIGOR - CAMPBELL'S AND TRAPNELL'S LINES AS VIEWED ON OCCIPITOMENTAL RADIOGRAPH

LINE 1 - RT. F-Z SUTURE TO LT. F-Z SUTURE

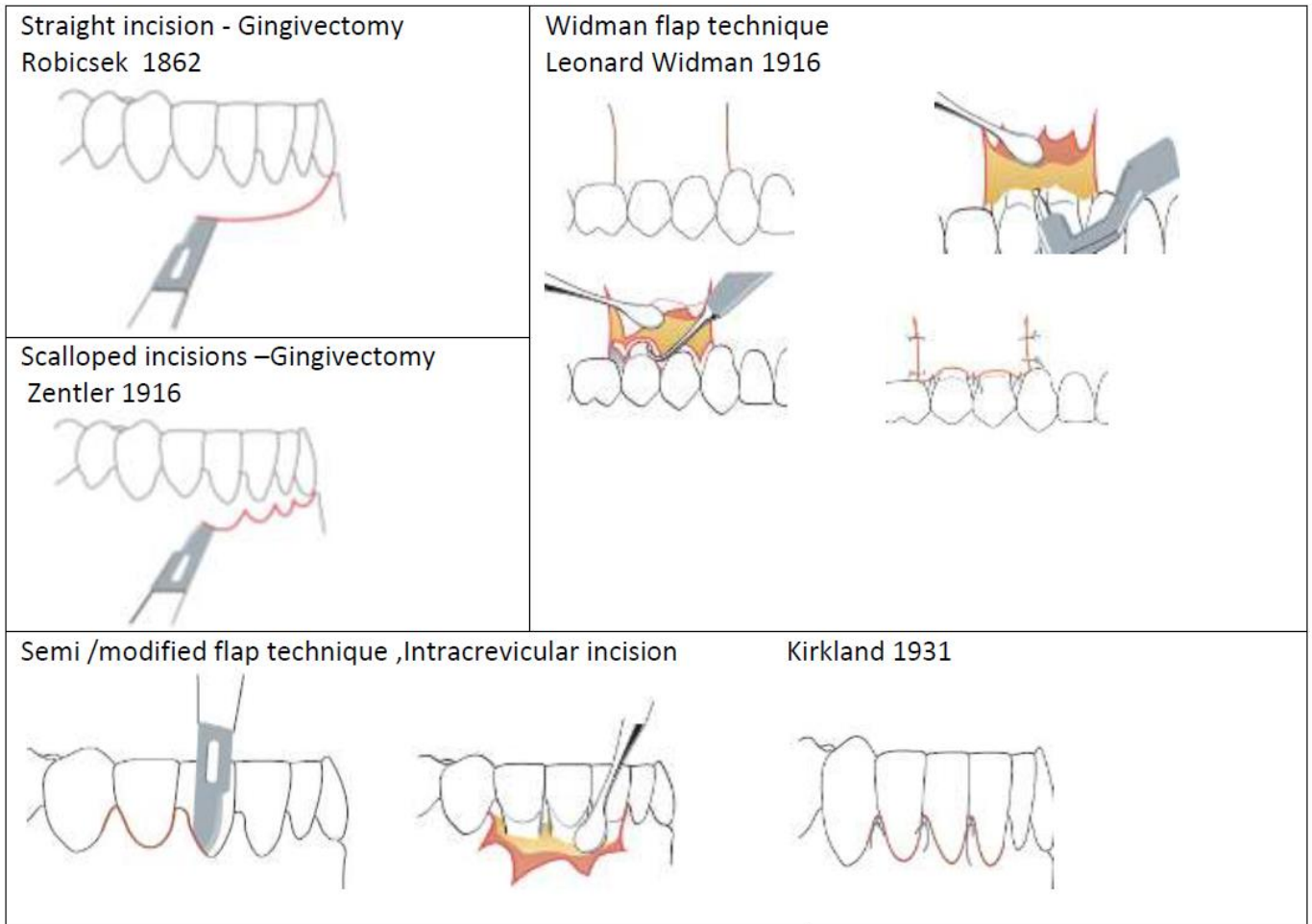
LINE 2 - RT. ZYGOMATIC ARCH TO LT. ZYGOMATIC ARCH

LINE 3 - RT. CONDYLE- CORONOID TO LT. CONDYLE- CORONOID

LINE 4 - OCCLUSAL SURFACE

LINE 5 - INFERIOR BORDER OF

7.Periodontal Incisions-At a glance (Part I)



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Sensory Receptors & Modalities

Sensory Receptors	Sensory receptors	Modalities
	Free nerve endings Merkel's discs Root hair (peritrichial plexus)	Pain, touch & temperature
	Meissner's corpuscles Lamellated (Pacini) corpuscles	Pressure & vibration
	Ruffini's corpuscles	Deep pressure