











Clinical	rials usir	IN MSCs f	or or	al and	craniof	acial bone	rissue	epeneration	
Reference	Study interval	Ners off	Tests.	Controls.	Souffeld	Defect	Fedow-	Andysis	Outcome
Ridsert et al. [2011]	13-16 months	MSC	12	12	8854	since asgmentation	-	historoorphornetry	the test group showed significantly more new bone formation when compared with the control
Hermand et al. [2012]	4 months	autoproces culture- cereminal MS	39 C	33	50% All + 50% BBM	sites asymmution	8 months	histomorphometry, histograthology, hung densitymetry	none of the differences between groups were statistically sheath and
Sauerhier et al. [2011]	3-4 months	MSC	25	11	8854	sinss segmentation		histomorphometry	new bone formation and bone mimeril density in the text groups were significantly higher than in the cost of the second second
Pelogrine et.al. [2030]	6 months	MSC	15	15		alveolar peccentraction		hiatomorphometry, hiatopathology,	beetsoutal and vertical bone loss was lower and new bone formation was higher in the test group when compared with the
Kaigher et al. [2013]	6 or 12 weeks	MSC	12	12	G	alveolar reconstruction	1 year	naliography, micro-CT, histopathology	linear bone height was 55.5 - 78.9% 6 works after truatment (control vs. test) and 74.6 - 80.1% after 11 media
Ginbel et al. [2007]	1 day, 1 week, 3 weeks, 6 weeks, 6 months	MSC	21	25	G	cleft pulate		comfort and complications for denor site	bed results in the test groups followed by a tissue engineering technique with a resetbable collagen- stem cell construct
Sauerbier et al. (2030)	4 membs	MSC	12	•	8851	atrophied maxillary sinus		histomosphometry, histopathology	radiographic images and histopathological ecaminations showed that new bone formation was higher in the test group





