

REFERENCES

- [1] Baumgaertel S, Hans MG. Assessment of infrzygomatic bone depth for mini-screw insertion. *Clin Oral Implants Res.* 2009;20(6):638-642.
- [2] Liou EJW, Chen P-H, Wang Y-C, Lin JC-Y. A computed tomographic image study on the thickness of the infrzygomatic crest of the maxilla and its clinical implications for miniscrew insertion. *Am J Orthod Dentofacial Orthop.* 2007;131(3):352-356.
- [3] Melsen B, Petersen JK, Costa A. Zygoma ligatures: an alternative form of maxillary anchorage. *J Clin Orthod.* 1998;32(3):154-158.
- [4] Enlow DH, Bang S. Growth and remodeling of the human maxilla. *Am J Orthod.* 1965;51(6):446-464.
- [5] Enlow DH, Hans MG. *Essentials of facial growth*: WB Saunders Company; 1996: 79-96.
- [6] Schour I, Massler M. The development of the human dentition. *J Am Dent Assoc.* 1941.
- [7] Ngan P, Wilmes B, Drescher D, Martin C, Weaver B, Gunel E. Comparison of two maxillary protraction protocols: tooth-borne versus bone-anchored protraction facemask treatment. *Prog Orthod.* 2015;16(1):1-11.
- [8] Ngan P, Moon W. Evolution of Class III treatment in orthodontics. *Am J Orthod Dentofacial Orthop.* 2015;148(1):22-36.
- [9] Tindlund RS. Skeletal response to maxillary protraction in patients with cleft lip and palate before age 10 years. *The Cleft Palate Craniofac J.* 1994;31(4):295-308.

- [10] Melsen B. Palatal growth studied on human autopsy material: a histologic microradiographic study. *Am J Orthod.* 1975;68(1):42-54. [11] Ge YS, Liu J, Chen L, Han JL, Guo X. Dentofacial effects of two facemask therapies for maxillary protraction: Miniscrew implants versus rapid maxillary expanders. *Angle Orthod.* 2012;82(6):1083-1091.
- [12] Kim J-H, Viana MA, Graber TM, Omerza FF, BeGole EA. The effectiveness of protraction face mask therapy: a meta-analysis. *Am J Orthod Dentofacial Orthop.* 1999;115(6):675-685.
- [13] Sar Ç, Arman-Özçirpici A, Uçkan S, Yazıcı AC. Comparative evaluation of maxillary protraction with or without skeletal anchorage. *Am J Orthod Dentofacial Orthop.* 2011;139(5):636-649.
- [14] Westwood PV, McNamara JA, Baccetti T, Franchi L, Sarver DM. Long-term effects of Class III treatment with rapid maxillary expansion and facemask therapy followed by fixed appliances. *Am J Orthod Dentofacial Orthop.* 2003;123(3):306-320.
- [15] Ngan P, Yiu C, Hu A, Hägg U, Wei SH, Gunel E. Cephalometric and occlusal changes following maxillary expansion and protraction. *Eur J Orthod.* 1998;20(3):237-254.
- [16] Revelo B, Fishman LS. Maturational evaluation of ossification of the midpalatal suture. *Am J Orthod Dentofacial Orthop.* 1994;105(3):288-292.
- [17] Baek S-H, Kim K-W, Choi J-Y. New treatment modality for maxillary hypoplasia in cleft patients: protraction facemask with miniplate anchorage. *Angle Orthod.* 2010;80(4):783-791.
- [18] Cevidanes L, Baccetti T, Franchi L, McNamara Jr JA, De Clerck H. Comparison of two protocols for maxillary protraction: bone anchors versus face mask with rapid maxillary expansion. *Angle Orthod.* 2010;80(5):799-806.

- [19] Feng X, Li J, Li Y, Zhao Z, Zhao S, Wang J. Effectiveness of TAD-anchored maxillary protraction in late mixed dentition: A systematic review. *Angle Orthod.* 2012;82(6):1107-1114.
- [20] Singer SL, Henry PJ, Rosenberg I. Osseointegrated implants as an adjunct to facemask therapy: a case report. *Angle Orthod.* 2000;70(3):253-262.
- [21] Kircelli BH, Pektas ZÖ. Midfacial protraction with skeletally anchored face mask therapy: a novel approach and preliminary results. *Am J Orthod Dentofacial Orthop.* 2008;133(3):440-449.
- [22] Kaya D, Kocadereli I, Kan B, Tasar F. Effects of facemask treatment anchored with miniplates after alternate rapid maxillary expansions and constrictions; a pilot study. *Angle Orthod.* 2011;81(4):639-646.
- [23] Ahn H-W, Kim K-W, Yang I-H, Choi J-Y, Baek S-H. Comparison of the effects of maxillary protraction using facemask and miniplate anchorage between unilateral and bilateral cleft lip and palate patients. *Angle Orthod.* 2012;82(5):935-941.
- [24] Kravitz ND, Kusnoto B, Tsay TP, Hohlt WF. The use of temporary anchorage devices for molar intrusion. *J Am Dent Assoc.* 2007;138(1):56-64.
- [25] Lin J, Liou E. A new bone screw for orthodontic anchorage. *J Clin Orthod.* 2003;37(12):676-681.
- [26] Farnsworth D, Rossouw PE, Ceen RF, Buschang PH. Cortical bone thickness at common miniscrew implant placement sites. *Am J Orthod Dentofacial Orthop.* 2011;139(4):495-503.
- [27] Wilmes B, Rademacher C, Olthoff G, Drescher D. Parameters affecting primary stability of orthodontic mini-implants. *J Orofac Orthop.* 2006;67(3):162-174.
- [28] Park J, Cho HJ. Three-dimensional evaluation of interradicular spaces and cortical bone thickness for the placement and initial stability of microimplants in adults. *Am J Orthod Dentofacial Orthop.* 2009;136(3):311-314.

- [29] Motoyoshi M, Yoshida T, Ono A, Shimizu N. Effect of cortical bone thickness and implant placement torque on stability of orthodontic mini-implants. *Int J Oral Maxillofac Implants*. 2007;22(5):334-340.
- [30] Topouzelis N, Tsiaousoglou P. Clinical factors correlated with the success rate of miniscrews in orthodontic treatment. *In J Oral Sci*. 2012;4(1):38-44.
- [31] Park HS. Clinical study on success rate of microscrew implants for orthodontic anchorage. *Korean J Orthod*. 2003;33(3):151-156.
- [32] Miyawaki S, Koyama I, Inoue M, Mishima K, Sugahara T, Takano-Yamamoto T. Factors associated with the stability of titanium screws placed in the posterior region for orthodontic anchorage. *Am J Orthod Dentofacial Orthop*. 2003;124(4):373-378.
- [33] Chen YJ, Chang HH, Huang CY, Hung HC, Lai EHH, Yao CCJ. A retrospective analysis of the failure rate of three different orthodontic skeletal anchorage systems. *Clin Oral Implants Res*. 2007;18(6):768-775.
- [34] Pancherz H. Temporal and masseter muscle activity in children and adults with normal occlusion An electromyographic investigation. *Acta Odontol Scand*. 1980;38(6):343-348.
- [35] Viwattanatipa N, Thanakitcharu S, Uttraravichien A, Pitiphat W. Survival analyses of surgical miniscrews as orthodontic anchorage. *Am J Orthod Dentofacial Orthop*. 2009;136(1):29-36.
- [36] Reynders R, Ronchi L, Bipat S. Mini-implants in orthodontics: a systematic review of the literature. *Am J Orthod Dentofacial Orthop*. 2009;135(5):564e1-564e19.
- [37] Park H-S, Jeong S-H, Kwon O-W. Factors affecting the clinical success of screw implants used as orthodontic anchorage. *Am J Orthod Dentofacial Orthop*. 2006;130(1):18-25.
- [38] Costello BJ, Ruiz RL, Petrone J, Sohn J. Temporary skeletal anchorage devices for orthodontics. *Oral Maxillofac Surg Clin North Am*. 2010;22(1):91-105.

- [39] De Clerck H, Geerinckx V, Siciliano S. The zygoma anchorage system. *J Clin Orthod.* 2002;36(8):455-459.
- [40] Cha B-K, Choi D-S, Ngan P, Jost-Brinkmann P-G, Kim S-M. Maxillary protraction with miniplates providing skeletal anchorage in a growing Class III patient. *Am J Orthod Dentofacial Orthop.* 2011;139(1):99-112.
- [41] De Clerck EE, Swennen GR. Success rate of miniplate anchorage for bone anchored maxillary protraction. *Angle Orthod.* 2011;81(6):1010-1013.
- [42] Melsen B, Costa A. Immediate loading of implants used for orthodontic anchorage. *Clin Orthod Res.* 2000;3(1):23-28.
- [43] Liou EJ, Pai BC, Lin JC. Do miniscrews remain stationary under orthodontic forces? *Am J Orthod Dentofacial Orthop.* 2004;126(1):42-47.
- [44] Chung K-R, Kim Y-S, Linton JL, Lee Y-J. The miniplate with tube for skeletal anchorage. *J Clin Orthod.* 2002;36(7):407-412.
- [45] Lin JJ-J, White LW. Creative orthodontics: Blending the Damon System & TADs to manage difficult malocclusions. 2nd edition: Yong Chieh Co; 2007: 149-178.
- [46] Charuakkra A, Prapayasatok S, Janhom A, Pongsiriwit S, Verochana K, Mahasantipyia P. Diagnostic performance of cone-beam computed tomography on detection of mechanically-created artificial secondary caries. *Imaging Sci Dent.* 2011;41(4):143-150.
- [47] Theodorakou C, Walker A, Horner K, Pauwels R, Bogaerts R, Dds RJ, et al. Estimation of paediatric organ and effective doses from dental cone beam CT using anthropomorphic phantoms. *Br J Radiol.* 2012; 85: 153-160.
- [48] Durack C, Patel S. Cone beam computed tomography in endodontics. *Braz Dent J.* 2012;23(3):179-91.
- [49] Scarfe WC, Farman AG, Sukovic P. Clinical applications of cone-beam computed tomography in dental practice. *J Can Dent Assoc.* 2006;72(1):75.

- [50] Silva MAG, Wolf U, Heinicke F, Bumann A, Visser H, Hirsch E. Cone-beam computed tomography for routine orthodontic treatment planning: a radiation dose evaluation. *Am J Orthod Dentofacial Orthop.* 2008;133(5):640e1-640e5.
- [51] Deguchi T, Nasu M, Murakami K, Yabuuchi T, Kamioka H, Takano-Yamamoto T. Quantitative evaluation of cortical bone thickness with computed tomographic scanning for orthodontic implants. *Am J Orthod Dentofacial Orthop.* 2006;129(6):721e7-721e12.
- [52] Fayed MM, Pazera P, Katsaros C. Optimal sites for orthodontic mini-implant placement assessed by cone beam computed tomography. *Angle Orthod.* 2010;80(5):939-951.
- [53] Hu KS, Kang MK, Kim TW, Kim KH, Kim HJ. Relationships between dental roots and surrounding tissues for orthodontic miniscrew installation. *Angle Orthod.* 2009;79(1):37-45.
- [54] Ono A, Motoyoshi M, Shimizu N. Cortical bone thickness in the buccal posterior region for orthodontic mini-implants. *Int J Oral Maxillofac Surg.* 2008;37(4):334-340.
- [55] Temple KE, Schoolfield J, Noujeim ME, Huynh-Ba G, Lasho DJ, Mealey BL. A cone beam computed tomography (CBCT) study of buccal plate thickness of the maxillary and mandibular posterior dentition. *Clin Oral Implants Res.* 2016;27(9):1072-1078.
- [56] Wehrbein H, Glatzmaier J, Yildirim M. Orthodontic anchorage capacity of short titanium screw implants in the maxilla. An experimental study in the dog. *Clin Oral Implants Res.* 1997;8(2):131-141.
- [57] Wilmes B, Su YY, Drescher D. Insertion angle impact on primary stability of orthodontic mini-implants. *Angle Orthod.* 2008;78(6):1065-1070.
- [58] Wilmes B, Rademacher C, Olthoff G, Drescher D. Parameters affecting primary stability of orthodontic mini-implants. *J Orofac Orthop.* 2006;67(3):162-174.

- [59] Viwattanatipa N, Thanakitcharu S, Uttraravichien A, Pitiphat W. Survival analyses of surgical miniscrews as orthodontic anchorage. Am J Orthod Dentofacial Orthop. 2009;136(1):29-36.
- [60] Plakwicz P, Wyrebek B, Gorska R, Cudzilo D. Periodontal Indices and Status in 34 Growing Patients with Unilateral Cleft Lip and Palate: A Split-Mouth Study. Int J Periodontics Restorative Dent. 2017;37(6):344-353.
- [61] Chun YS, Lim WH. Bone density at interradicular sites: implications for orthodontic mini-implant placement. Orthod Craniofac Res. 2009;12(1):25-32.
- [62] Lim JE, Lee SJ, Kim YJ, Lim WH, Chun YS. Comparison of cortical bone thickness and root proximity at maxillary and mandibular interradicular sites for orthodontic mini-implant placement. Orthod Craniofac Res. 2009;12(4):299-304.
- [63] Maino BG, Maino G, Mura P. Spider Screw: skeletal anchorage system. Prog Orthod. 2005;6(1):70-81.
- [64] Disthaporn S, Suri S, Ross B, Tompson B, Baena D, Fisher D, et al. Incisor and molar overjet, arch contraction, and molar relationship in the mixed dentition in repaired complete unilateral cleft lip and palate: A qualitative and quantitative appraisal. Angle Orthod. 2017;87(4):603-609.

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่
Copyright© by Chiang Mai University
All rights reserved