

DAFTAR PUSTAKA

- Alkan, A., Keskiner, I., Arici, S., dan Sato, S., 2006, The Effect of Periodontitis on Biting Abilities, *J Periodontol* : 77, hal. 1442-1445.
- Babic, J.Z., Panduric, J., Jerolimov, V., Mioc, M., Pizeta, I., dan Jakovac, M., 2002, Bite Force in Subjects with Complete Dentition, *Coll Antropol*, Vol 26, 293-302.
- Bakke, M., Holm, B., Jensen, B.L., Michler, L., dan Moller, E., 1990, Unilateral Isometric Bite Force in 8-68 Year Old Women and Men Related to Occlusal Factors, *Scand J Dent Res.*, 98, 149-158.
- Bakke, M., 2006, Bite Force and Occlusion, *Semin Orthod.*, Vol. 12, issue 2, hal 120-126.
- Balaji, S.M., 2013, *Textbook of Oral & Maxillofacial Surgery 2nd ed.*, Elsevier, New Delhi, hal 875-907.
- Baltali E, Zhao KD, Koff MF, dkk., 2008, Kinematic Assessment Of The Temporomandibular Joint Before And After Partial Metal Fossa Eminence Replacement Surgery: A prospective study, *J Oral Maxillofac Surg* 66:1383.
- Bataineh, A.B., 2009, Effect of Preservation of The Inferior and Posterior Borders On Recurrence of Ameloblastomas of The Mandible, *Oral Surg Oral Med Oral Pathol Oral Radiol Endod.*, 90(2), hal. 155-163.
- Beumer, J., Curtis, T., Firtell, D.N., 1979, *Maxillofacial rehabilitation*, C.V. Mosby Company, Missouri, hal. 108-112.
- Bjordan, K., Ahlner-Elmqvist, M., Hammerlid, E., Boysen, M., Evensen, J.F., Biorklund, A., dkk, 2001, A Prospective Study of Quality of Life in Head and Neck Cancer Patients, prt I: At Diagnosis, *Laryngoscope*; 111, hal. 669-680.
- Blackwell, K.E., 1999, Unsurpassed Reliability of Free Flaps for Head and Neck Reconstruction, *Arch Otolaryngol Head Neck Surg.*, 125(3), hal. 295-299.
- Bonakdarchian, M., Navid, A. dan Masood, A., 2009, Effect of Face Form on Maximal Molar Bite Force with Natural Dentition, *Archives of Oral Biology*; 54, hal. 201-204.
- Boyd, J.B., Gullane, P.J., Rotstein, L.E., Brown, D.H., dan Irish, J.C., 1990, Classification of Mandibular Defects, *Plast Reconstr Surg.*, 92(7), hal. 1266-1275.

- Brehnan, K., Boyd, R.L., dan Laskin, J., 1981, Direct Measurement of Loads at the Temporomandibular Joint in *Macaca arctoides*, *Journal Of Dental Research*, Vol. 60, issue 10.
- Brown, J.S., Barry, C., Ho, M. and Shaw, R., 2016, A New Classification for Mandibular Defects After Oncological Resection, www.thelancet.com/oncology, Vol.17, hal. e23-e30.
- Champy, M., Lodde, J.P., Schmitt, R., Jaeger, J.G., dan Muster, D., 1978, Mandibular Osteosynthesis by Miniature Screwed Plates via A Buccal Approach, *J Oral Maxillofac Surg.*, 6(1), hal. 14-21.
- Champy, Maxime dan Patrick, Blez, 2009, *Anatomical Aspects and Biomechanical Considerations for the Body of the Mandible, the Midface, and the Cranium in Atlas of Craniomaxillofacial Osteosynthesis: Microplates, miniplates, and Screws 2nd Ed.* Stuttgart: Thieme, Hal. 1-6.
- Carlson, E.R., dan Marx, R.E., 2006, The Ameloblastoma: Primary, Curative Surgical Management, *J. Oral Maxillofac Surg.*, 64(93), hal. 484-494.
- Chladek, W., Tomasz, L., Antoni, K., 2001, Experimental Evaluation of Occlusal Forces, *Acta of Bioengineering and Biomechanics; Vol. 3, No. 1*, hal. 25-37.
- Curtis, D.A., Plesh, O., Miller, A.J., Curtis, T.A., Sharma, A., Schweitzer, R., Hilsinger, R.L., Schour, L. and Singer, M., 1996, A Comparison of Masticatory Function in Patients With or Without Reconstruction of The Mandible, Masticatory Function after Surgery; *Head & Neck*, hal. 287-296.
- Day, T.A., dan Girod, D.A., 2006, *Oral Cavity Reconstruction*, Taylor & francis Group, New York, hal. 11-37.
- Draper, E.R.C., 1998, Basic Biomechanic, in Draper, E.R.C., (ed.): *Limited Science Basic to Orthopaedic*, W.B. Saunders Company, Philadelphia, hal. 201-212.
- Ehrenfeld, M., dan Hagenmaier, C., 2002, Autogenous Bone Grafts in Maxillofacial Reconstruction in Greenberg, A.M., dan Prein, J., (eds.): *Craniomaxillofacial Reconstructive and Corrective Bone Surgery: Principle of Internal Fixation Using the AO/ ASIF Technique*, Springer-Verlag, New York, hal. 295-309.
- Ellis III, E. Dan Gaylord, S.T., 2001, Bite Forces After Open or Closed Treatment of Mandibular Condylar Process Fractures, *J Oral Maxillofac Surg*; 59, hal. 389-395.
- Ellis III, E., dan Gaylord, S.T., 2005, Treatment of Mandibular Condylar Process Fractures: Biological Considerations, *J Oral Maxillofac. Surg.*; 63, hal. 115-134.

- Endo, N., 1972, Studies on Masticatory Functions in Patients with Surgical Mandibular Reconstruction, *Oral Surg.*, Vol 34; Number 3, hal. 390-406.
- Fehrenbach, M.J., dan Herring, S.W., 2002, *Illustrated Anatomy of the Head and Neck*, 3th ed., Saunders Ersevier, St. Louis Missouri, hal 95-129.
- Flynn, T.R., Liebllich, S.E., dan Topazian, R.G., 1992, Odontogenic Cyst and Tumor, in Keith, D.A., (ed.): *Atlas of Oral and Maxillofacial Surgery*, W.B. Saunders, Pennsylvania, hal. 99-101.
- Ghandhi, D., Ayoub, A.F., dan Progrel, M.A., 2006, Ameloblastoma: A Surgeon's Dillema, *J Oral Maxillofacial Surg.*, 64(7), hal. 1010-1014
- Goh, B.T., Lee, S., Tideman, H., dan Stoelinga, P.J., 2008, Mandibular Reconstruction in Adults: A Review, *Int J. Oral Maxillofac Surg.*, 37(7), hal. 321-326.
- Hayes, W.C., 1991, Biomechanic of Cortical and Trabecular Bone: Implications for Assessment of Fracture Risk, Raven Press, *Basic Orthopaedic Biomechanics*, hal. 110-111.
- Hannam, A.G., Stavness, I.K., Lloyd, J.E., Fels, S., Miller, A.J., Curtis, D.A., 2010, A Comparison of Simulated Jaw Dynamics in Models of Segmental Mandibular Resection Versus Resection With Alloplastic Reconstruction, *The Journal of Prosthetic Dentistry*, Vol. 104, Issue 3, hal. 191-198.
- Hattori, Y., Satoh, C., Kuneida, T., Endoh, R., Hisamatsu, H., dan Watanabe, M., 2009, Bite Force and Their Resultants During Forceful Intercuspal Clenching, *Journal of Biomechanics*, 42, hal. 1533-1538
- Her, Kathleen, Sung Cho, and Marlind, A.S., 2006, Temporomandibular Joint Pain and Dysfunction, *Current Paint and Headache Reports*; 10, hal. 408-414.
- Helkimo, E., Carlsson, G.E., dan Helkimo, M., 1977, Bite Force and State of Dentition, *J. Acta Odontologica Scandinavica*, Vol. 3, issue 6, hal. 297-303.
- Hidaka, O., Iwasaki, M., Saito, M., Morimoto, T, 1999, Influence of Clenching Intensity on Bite Force Balance, Occlusal Contact Area, and Average Bite Pressure, *J Dent Res*; 78 (7), hal. 1336-1344.
- Howell, A.H., dan Manly, R.S., 1948, An electronic Strain Gauge for Measuring Oral Force, *Journal of Dental Research*, Vol. 27 Issues 6.

- Hylander, W.L., 1984, Stress and Strain in The Mandibula Symphysis of Primates: A Test of Competing Hypotheses, *Am J Phys Anthropol.*, 64(1), hal. 1-46.
- Hylander, W.L., dan Bays, R., 1978, Reaction Force And The Temporomandibular Joint: An In Vivo Analysis Of Subcondylar Bone Strain In Macaques, *American Journal of Physical Anthropology*, hal. 34-39.
- Hylander, W.L., 1975, The Human Mandible: Lever or Link?, *American Journal of Physical Anthropology*, Vol. 3(2), hal. 227-242.
- Ingawale, S.M., dan Tarun, G., 2009, Temporomandibular Joint: Disorders, Treatments, Biomechanics, *Ann Biomed Eng.*;37(5), hal. 976-996.
- Ishida, S., Shibuya, Y., Kobayashi, M., and Komori, T., 2015, Assessing Stomatognathic Performance After Mandibulectomy According to The Method of Mandibular Reconstruction, *J. Oral Maxillofac. Surg.*; xxx: xxx-xxx, hal. 1-8.
- Jose, M., dan Varghase, J., 2012, Technique Mandibular Reconstruction, *Health Science*, 1(3), hal. 1-9.
- Junquera, L., Ascani, G., Vicente, J.C., Garcìa-Consuegra, L., dan Roig, P., 2003, Ameloblastoma Revisited, *Ann Otol Rhinol Laryngol.*, 112(12), hal. 1034-1039.
- Keith, D.A., 1992, *Atlas of Oral and Maxillofacial Surgery*, W.B. Saunders Company, Philadelphia, hal. 244.
- Kampe, T., Haralson, T., Hannerz, H., dan Carlsson, G.E., 1987, Occlusal Perception and Bite Force in Young Subjects With and Without Dental Fillings, *Acta Odontol Scand* 45, hal 101-107.
- Koc, D., Arife, D., dan Bulent, B., 2010, Bite Force and Influential Factors on Bite Force Measurements: A Literature Review, *Eur J. Dent.*; 4, hal. 223-232.
- Komisar, A., 1990, The Functional Result of Mandibular Reconstruction, *J. The Laryngoscope*, Vol. 10, issue 4, hal. 364-374.
- Korioth, T.W., Romilly, D.P., dan Hannam, A.G., 1992, Three-dimentional Finite Element Stress Analysis of The Human Dentat Mandible, *Am J Phy Anthropol.*, 88(1), hal 69-96.
- Kumar, S.T., Saurabh, S., dan Prasanna, D., 2013, Evaluation of Bite Force After Open Reduction and Internal Fixation Using Microplates, *Journal of Dentistry*; Vol. 10, No. 5, hal. 466-476.

- Kuroda, S.T., Saurabh, S., dan S. Prasanna, D., 2013, Evaluation of Bite Force After Open Reduction and Internal Fixation Using Microplates, *Journal of Dentistry*; Vol. 10, No. 5, hal. 466-476.
- Kumar, T.K., Ravuri, R., Tella, S., dan Marka, P., 2013, Rehabilitation of a Hemimandibulectomy Patient with a Guiding Flange Prosthesis, *Indian J Dent Adv.*, 5(3) suppl 1, hal 1331-1334.
- Lassila, V., Holmlund, I., dan Koivumaa, K.K., 2009, Bite Force and Its Correlations in Different Denture Types, *J. Acta Odontologica scandinavica*, Vol. 43, issue 3, hal. 127-132.
- Linsen, S., Schmidt-Beer, U., Fimmers, R., Gruner, M., and Koeck, B., 2006, Craniomandibular Pain, Bite Force, and Oral Health-Related Quality of Life in Patients with Jaw Resection, *Journal of Pain and Symptom Management*, Vol. 37; No. 1, hal. 94-106.
- Linsen, S.S., Reich, R.H., and Teschke, M., 2012, Mandibular Kinematics in Patients With Alloplastic Total Temporomandibular Joint Replacement-A Prospective Study, *J. Oral Maxillofac. Surg.*, hal. 2057-2064.
- Lore, J.M., 1988, *An Atlas of Head and Neck Surgery*, 3th ed., W.B. Saunders Company, Philadelphia, hal. 571-576.
- McDevitt, W.E., 2001, Anatomi Fungsional dari Sistem Pengunyahan, EGC, Jakarta, hal. 77-110.
- Marunick, M.T., Mathes, B.E., and Klein, B.B., 1992, Masticatory Function in Hemimandibulectomy Patients, *Journal of Oral Rehabilitation*, Vol. 19, hal. 289-295.
- Meyer, C., Kahn, J.L., Boutemi, P., dan Wilk, A., 2002, Photoelastic Analysis of Bone Deformation in The Region of The mandibular Condyle During Mastication, *J Craniomaxillofac Surg.*, 30(3), hal 160-169.
- Misch, C.E., Qu, Z.M., dan Bidez, M.W., 1999, Mechanical Properties of Trabecular Bone in The Human Mandible: Implications for Dental Implant Treatment Planning and surgical Placement, *J. Oral Maxillofac Surg.*, 57(6), hal. 700-706.
- Miyaura, K., Morita, M., Matsuka, Y., Yamashita, A., dan Watanabe, T., 2000, Rehabilitation of Biting Abilities in Patients With Different Types of Dental Prostheses, *J Oral Rehabil*; 27, hal 1073-1076.

- Nakamura, N., Higuchi, Y., Mitsuyasu, T., Sandra, F., dan Ohishi, M., 2002, Comparison of Long-term Results Between Different Approaches to Ameloblastoma, *Oral Surg Oral Med Oral Pathol Oral Radiol Endod.*, 93(1), hal 13-20.
- Norton, N.S., dan Netter, F.H., 2005, *Netter's Head and Neck Anatomy for Dentistry*, Elsevier, New York, hal. 46-48, 116-133, 167-175, 242-253.
- O'Connor, Linda, 1996, Reconstruction of a Mandible, *The Surgical Technologist*, hal. 13-19.
- Okeson, J.P., 2008, *Management of Temporomandibular Disorders and Occlusion*, 6th ed., Elsevier, St Louis, hal. 81-94.
- Oliviera, M.T.F., Rocha, F.S., Batista, J.D., de Moraes, S.L.C., dan Zanetta-Barbosa, D., 2013, Reconstruction of Mandibular Defects, In Motamedi, M.H.K., (ed.): *A Text Book of Advanced Oral and Maxillofacial Surgery*, Lissence in Tech, USA, hal. 481-500.
- Panjabi, M.M., dan White, A.A., 2001, *Materials Under Loads; Biomechanics in The Musculoskeletal System*, Churchill Livingstone, Toronto, hal. 65-101.
- Parle, D., Dhairyasheel, D., dan Ankita, B., 2013, Estimation of Individual Bite Force During Normal Occlusion Using FEA, *Altair Technology Conference*, hal. 1-9.
- Palinkas, M., Mariangela, S.P.N., Flavia, A.C., Selma, S., Marisa, S., Joao, P.M., Jaime, E.C.H., Simone, C.H.R., 2010, Age and Gender Influence on Maximal Bite Force and Masticatory Muscles Thickness, *Archives of Oral Biology*; 55, hal 797-802.
- Pereira, L.J., Maria, B.D.G., dan Andries V.D.B., 2005, Influence of Oral Characteristics and Food Products on Masticatory Function, *J. Acta Odontologica Scandinavica*; 64, hal. 193-201.
- Pileickiene, Gaivile dan Algimantas, S., 2004, The Human Masticatory System From A Biomechanical Perspective: A Review stomatologija, *Baltic Dental.and Maxillofacial Journal*; 6, hal. 81-84.
- Prein, J., dan Greenberg, A.M., 2002, Synthetic Implants dalam Papel, I.D., Frodel, J., Golt, G.R., Larrabee, W.F., Park, S.S., Sykes, J.M., Toriumi, D., dan Nachlas, N., *Facial Plastic and Reconstructive Surgery*, Thieme, New York, Stuttgart, hal. 61-72.
- Rana, M., Warraich, R., Kokemuller, H., Lemound, J., Essig, H., Tavassol, F., Eckardt, A. and Gellrich, N., 2011, Reconstruction of Mandibular Defects-Clinical Retrospective Research Over a 10-Year Period., *Head & Neck Oncology*, 3:23, hal. 1-7.

- Regalo, S.C.H., Carla, M.S., Mathias, V., Carlos, A.R., Paulo, B.V., Wilson, M.J., Marisa, S., Fernandi, J.D., Jaime, E.C.H., Selma, S., 2007, Evaluation of Molar and Incisor Bite Force in Indigenous Compared With White Population in Brazil, *Archives of Oral Biology*; 53, hal. 282-286.
- Rosa, Laner, B., Cesa, B., Selma, S., Marcelo, P., Wilson, M.J., Osvaldo, F., Moara, R., Ligia, F.O., Simone, C.H.R., 2012, Bite Force and Masticatory Efficiency in Individuals with Different Oral Rehabilitations, *Open Journal of Stomatology*; 2, hal 21-26.
- Sachs, S.A., 2006, Surgical Excision With Peripheral Ostectomy: A Definitive, Yet Conservative, Approach to The Surgical Management of Ameloblastom, *J. Oral Maxillofac Surg.*, 64(3), hal. 476-483.
- Scheid, R.C., dan Weiss, G., 2013, Anatomi Gigi, EGC, Jakarta, hal. 416-439.
- Shimada, A., Yamabe, Y., Torisu, T., Baad-Hansen, L., dan Murata, H., 2012, Measurement of Dynamic Bite Force During Mastication, *Journal of Oral Rehabilitation* 39, hal. 349-356.
- Singh, S., Ashok, K.U., Navreet, S., Yadvinders, S.D., 2011, An Innovative Miniature Bite Force Recorder, *International Journal of Clinical Pediatric Dentistry*; 4(2), hal. 113-118.
- Snell, R.S., 2011, *Clinical Anatomy by Region 9th ed.*, Lippincott Williams & Wilkins, Philadelphia, hal. 544-560.
- Spagnoli DB, Koslin MG: 2001, Temporomandibular joint, in Piecuch JF (ed): OMS Knowledge Update, vol 3 (ed 1). Chicago, IL, American Association of Oral and Maxillofacial Surgeons.
- Stavness, I., Hannam, A.G., Lloyd, J.E., dan Fels, Sydney, 2010, Predicting Muscle Patterns for Hemimandibulectomy Models, *J. Computer Methods In Biomechanics and Biomedical Engineering*, Vol 13, Issue 4, hal. 483-491.
- Supanji, K., 2017, Evaluasi Kekuatan Gigit Pasca Perawatan Fraktur Kondilus Mandibula, PPDGS Ilmu Bedah Mulut dan Maksilofasial, FKG UGM, Yogyakarta, hal. 45-47.
- Thomson, H., 2007, Oklusi, EGC, Jakarta, hal. 15-30.
- Turker, K.S., Brinkworth, R.S.A., Abolfathi, P., Linke, I.R., Nazeran, H., 2004, A Device for Investigating Neuromuscular Control in The Human Masticatory System, *Journal of Neuroscience Methods*; 136, hal. 141-149.

- Urken, M.L., 1991, Composite Free Flaps in Oromandibular Reconstruction, *Arch Otol Head Neck Surg.*, 117(7), hal 724-732.
- Urken, M.L., Buchbinder, D., dan Constantino, P.D., 1998, Oromandibular Reconstruction Using Microvascular Composite Flaps: Report of 210 Cases, *Arch Otolaryngol Head Neck Surg.*, 124(1): 46-55.
- Uzeda, S., de Quadros, Garcia, A., Sergio, G., Luiz, S., 2006, Evaluation of Mandibular Dynamics and Bite Force in Myofascial Pain Follow-up, *Eur J Anat*; 10(1), hal. 31-36.
- Van Eijden, T.M.G.J., 2000, Biomechanics of The mandible, *Crit Rev Oral Biol Med.*, 11(1), hal. 123-136.
- van Loon JP, Falkenström CH, de Bont LG, dkk., 2008, The theoretical optimal center of rotation for a temporomandibular joint prosthesis: A three-dimensional kinematic study. *J Dent Res* 78:43,
- Wang, P., J. Yang, dan Q. Yu, 2009, MR Imaging Assessment of Temporomandibular Joint Soft Tissue Injuries in Dislocated and Nondislocated Mandibular Condylar Fractures, *Am J Neuroradiol.*;30, hal. 59-63.
- Wolford LM, Dingwerth DJ, Talwar RM, dkk., 2003, Comparison Of 2 Temporomandibular Joint Total Joint Prosthesis Systems. *J Oral Maxillofac Surg* 61:685, 2003
- Wong, R.C.W., Tideman, H., Kin, L., dan Merckx, M.A.W., 2010, Biomechanics of Mandibular Reconstruction: A Review, *Int. J. Oral Maxillofac. Surg.*, 39(4), hal. 313-319.
- Xu, W.L., J.S. Pap, dan J. Bronlund, 2008, Design of Biologically Inspired Parallel Robot for Food Chewing, *IEEE transactions on Industrial Electronics*; 55(2), hal. 32-84.
- Yi, W.J., Heo, M.S., Lee, S.S., Choi, S.C., Huh, K.H., dan Lee, S.P., 2007, Direct Measurement of Trabecular Bone Anisotropy Using Directional Fractal Dimension and Principle Axes of Inerti, *Oral Surg. Oral Med., Oral Pathol, Oral Radiol Endod.*, 104(1), hal. 110-116.
- Voiner J, Yu J, Deitrich P, dkk., 2011, Analysis Of Mandibular Motion Following Unilateral And Bilateral Alloplastic TMJ Reconstruction, *Int J Oral Maxillofac Surg* 40:569, 2011