

REFERENCES

Allard, R., Van Der Kwast, W. & Van Der Waal, I. (1981). Nasopalatine duct cyst. Review of the literature and report of 22 cases. *Int J Oral Surg.* **10 (6)**. 447-461.

Anand M. K. (2009). Anand's Human Anatomy for Dental Student, 2nd edn. Jaypee Brothers Medical Publishers. P. 165-366.

Angelopoulos, C., Thomas, S., Hechler, S., Parissis, N. & Hlavacek, M. (2008). Comparison between digital panoramic radiography and cone-beam computed tomography for the identification of the mandibular canal as part of presurgical dental implant assessment. *J Oral Maxillofac Surg.* **66 (10)**. 2130-2135.

Anil, S. and AL-Ghamdi, H. S. (2007). A Method of Gauging Dental Radiographs during Treatment Planning for Dental Implants. *J Contemp Dent Pract.* **8 (6)**. 1-9.

Annibali, S., Ripari, M., La Monaca, G., Tonoli, F. & Cristalli, M. P. (2009). Local accidents in dental implant surgery: prevention and treatment. *Int J Periodontics Restorative Dent.* **29**. 325-331.

Artzi, Z., Nemcovsky, C. E., Bitlitum, I. & Segal, P. (2000). Displacement of the incisive foramen in conjunction with implant placement in the anterior maxilla without jeopardizing vitality of nasopalatine nerve and vessels: a novel surgical approach. *Clin Oral Implants Res.* **11 (5)**. 505-510.

Asaumi, R., Kawai, T., Sato, I., Yoshida, S. & Yosue, T. (2010). Three-dimensional observations of the incisive canal and the surrounding bone using cone-beam computed tomography. *Oral Radiology.* **26 (1)**. 20-28.

Atwood, D. A. (1962). Some clinical factors related to rate of resorption of residual ridges. *J Prosthet Dent.* **12 (3)**. 441-450.

Avery, J. K., Steele, P. F. and Avery, N. (2002). Oral Development and Histology. 3rd edn. Thieme. p. 2 - 61.

Baart, J. A. and Brand, H. S. (2008). Local Anesthesia in Dentistry. 1st edn. John Wiley and Sons. p. 87 - 96.

Barkin, S., Sandor, G. K. B., Keller, A., Caminiti, M. F. and Clokie, C. (2002). The nasopalatine canal: An anatomic study and effects on dental implant placement. *J Dent Res.* **81**: 437. (abstract # 3568).

Baxter, J. C., and Fattore, L. (1993). Osteoporosis and osseointegration of implants. *J Prosthodont.* **2 (2)**. 120-5.

- Bornstein, M., Balsiger, R., Sendi, P. & Von Arx, T. (2011). Morphology of the nasopalatine canal and dental implant surgery: a radiographic analysis of 100 consecutive patients using limited cone beam computed tomography. *Clin Oral Implants Res.* **22 (3)**. 295-301.
- Burns, D.R., Crabtree, D.G. and Bell, D.H. (1988). Template for positioning and angulation of intraosseous implants. *J Prosthet Dent.* **60 (4)**. 479-483.
- Calhoun, P. S., Kuszyk, B. S., David, G. and Heath, D. G., et al (1999). Three-dimensional Volume Rendering of Spiral CT Data: Theory and Method. *RadioGraphics.* **19**. 745-764.
- Carlsson, G. E., Bergman, B., and Hedegard, B.(1967). Changes in contour of the maxillary alveolar process under immediate dentures. A longitudinal clinical and x-ray cephalometric study covering 5 years. *Acta Odontol Scand.* **25 (1)**. 45-75.
- Catros, S., De Gabory, L., Stoll, D., Deminière, C. & Fricain, J. (2008). Use of gutta percha cores in CT scan imaging for patent nasopalatine duct. *Int. J OralMaxillofac. Surg.* **37 (11)**. 1065-1066.
- Cavalcanti, M. G., Yang, J., Ruprecht, A., and Vannier, M. W. (1999). Accurate linear measurements in the anterior maxilla using orthoradially reformatted spiral computed tomography. *Dentomaxilla fac. Radiol.* **28 (3)**. 137-140.
- Cawson, R. A. and Odell, E. W. (2008). Cawson's Essentials of Oral Pathology and Oral Medicine. 8th edn. Elsevier Health Sciences. p. 115 - 132.
- Chatriyanuyoke, P., Lu, C., Suzuki, Y., Lozada, J., Rungcharassaeng, K., Kan, J. & Goodacre, C. (2010). Nasopalatine Canal Position Relative to the Maxillary Central Incisors: A Cone Beam Computed Tomography Assessment. *J Oral Implantol.* (abstract).
- Cheng, S., Cheng, J., and Huang, W. (1997). Preliminary study of anatomic relation among nasopalatine duct, central incisor root and floor and nasal cavity with X-ray measurement. *Chin J Stomatol.* **32 (3)**. 149-151.
- Cohen (2006). Pathways of the Pulp, 9th edn. Mosby, An Imprint of Elsevier. P. 136-180.
- Cohen, S., Burns, R. C. (2002). Pathway of the pulp, 6th edn. St Louis: Mosby. p. 77-109.
- Coulthard, P. (2003). Oral and Maxillofacial Surgery, Radiology, Pathology and Oral medicine. Volum 1 of Master Dentistry. Elsevier Health Sciences. p. 149 - 184.
- Daley, T. D., Wysocki, G. P., and Pringle, G. A. (1994). Relative incidence of odontogenic tumors and oral and jaw cysts in a Canadian population. *Oral Surg Oral Med Oral Pathol.* **77 (3)**. 276-280.
- De Vos, W., Casselman, J. & Swennen, G. (2009). Cone-beam computerized tomography (CBCT) imaging of the oral and maxillofacial region: a systematic review of the literature. *Int J Oral Maxillofac Surg.* **38 (6)**. 609-625.
- Drake, R., Vogl, A. W., and Mitchell A. W. (2010). Gray's Anatomy for Student. 2nd edn. Churchill Livingstone/Elsevier. p. 1026-1028.

- Elliott, K. A., Franzese, C. B., and Pitman, K. T. (2004). Diagnosis and surgical management of nasopalatine duct cysts. *Laryngoscope*. **114 (8)**. 1336-1340.
- Ellis, H. (2006). *Clinical Anatomy: applied anatomy for students and junior doctor*. 11th edn. Wiley-Black Well. p. 261-328.
- Ely, N., Sheehy, E. C., and McDonald, F. (2001). Nasopalatine duct cyst: a case report. *Int J Paediatr Dent*. **11 (2)**. 135-137.
- Engelman, M.J., Sorensen, J.A., and Moy, P. (1988). Optimum placement of osseointegrated implant. *J Prosthet Dent*. **59 (4)**. 467-473.
- Ennis, L. M., Berry, H. M., and Phillips, J. E. (1967). *Dental Roentgenology*. 6th edn. Lea & Febiger. p. 334-345.
- Eppley, B. L., and Delfino, J. J. (1988). Bilateral nasopalatine ducts of the premaxilla. *Int J oral Maxillofac Surg*. **17 (6)**. 360-362.
- Francolí, E., Marqués, N. A., Aytés, L. B. & Escoda, C. G. (2008). Nasopalatine duct cyst: report of 22 cases and review of the literature. *Med Oral Patol Oral Cir Bucal*. **13 (7)**. 438-443.
- Frommer, H. H. (2000). *Radiology of Dental Auxiliaries*. 7th edn. Mosby. p. 320-322.
- Garg, A. K. (2007). Dental Implant Imaging: TeraRecon's Dental 3D Cone Beam Computed Tomography System. *Dent Implantol Update*. **18 (7)**. 41-45.
- Georgescu, C., Mihai, A., Didilescu, A., Moraru, R., Nimigean, V., Nimigean, V. and T Nase, G. (2010). Cone beam computed tomography as a method of quantitative and qualitative analysis of alveolar crest in the frontal mandibular area. *Rom J Morphol Embryol*. **51 (4)**. 713-717.
- Ghom, A. G. (2005). *Textbook of Oral Medicine*. 1st edn. Jaypee Brothers Publishers. p. 961-964.
- Ghom, A. G. (2008). *Textbook of Oral Radiology*. 1st edn. Elsevier India. p. 191 -212.
- Ghorpada, K. G. (2006). *Essential of Local Anesthesia with Mcqs by Gherpada*. 1st edn. Jaypee Brother Publishers. p. 17-22.
- Ghosh, B. D., (2007). *Human Anatomy for Student*. 1st edn. Jaypee Brother Publishers. p. 149.
- Gibilisco, J. A. (1985). *Oral Raiographic Diagnosis*. 5th edn. Saunders. p. 4-5.
- Güler, A. U., Sumer, M., Sumer, P., and Bicer, I. (2005). The evaluation of vertical heights of maxillary and mandibular bones and the location of anatomic landmark in panoramic radiographs of edentulous patients for implant dentistry. *J Oral Rehabil*. **32 (10)**. 741-746.
- Hansen, J. T. (2009). *Netter's Clinical Anatomy*. 2nd edn. Saunders/Elsevier. p. 395.
- Howard-Swirzinski, K., Edwards, P. C., Saini, T. S. and Norton, N. S. (2010). Length and Geometric Patterns of the Greater Palatine Canal Observed in Cone Beam Computed Tomography. *Int J Dent*. **2010**. 1-6.

- Jordanishvili, A. K. (1991). Age-related characteristics and sex differences in the anatomical structure of the incisive canal. *Stomatologia*. **71 (4)**. 25-27.
- Jacobs, R., Lambrichts, I., Liang, X., Martens, W., Mraiwa, N., Adriaensens, P. & Gelan, J. (2007). Neurovascularization of the anterior jaw bones revisited using high-resolution magnetic resonance imaging. *Oral Surg Oral Med Oral Pathol Oral Radiol Endod*. **103 (5)**. 683-693.
- Jacobsen, P. (2008). Restorative Dentistry: an integrated approach. 2nd edn. John Wiley and Sons. p.197- 292.
- Johnson, C.M., Lewandowski, J.A., and McKinney, J. F. (1988). A surgical template for aligned placement of the osseointegrated implant. *J Prosthet Dent*. **59 (6)**. 684-688.
- Karjodkar, F. R., Damle, S.G. (2006). Text book of Dental And Maxillofacial Radiology. Jaypee Brothers Medical. PP: 264-266. Ø
- Kraut, R A., and Boyden, D. K. (1998). Location of incisive canal in relation to central incisor implants. *Implant Dent*. **7 (3)**. 221-225.
- Kreidler, J. F., Raubenheimer, E. J., and Van Heerden, W. F. (1993). A retrospective analysis of 67 cystic lesions of the jaw-the Ulm experience. *J Craniomaxillofac Surg*. **21 (8)**. 339-341.
- Lang, J. (1989). Clinical Anatomy of The Nose, Nasal Cavity and Paranasal Sinuses. Thieme Medical. p. 106-108.
- Leblebicioglu, B., Rawal, S. and Mariotti, A. (2007). A review of the functional and esthetic requirements for dental implants Binnaz. *JADA*. **138 (3)**. 321-329.
- Liang, X., Jacobs, R., Martens, W., Hu, Y., Adriaensens, P., Quirynen, M. and Lambrichts, I. (2009). Macro and micro anatomical, histological and computed tomography scan characterization of the nasopalatine canal. *J Clin. Periodontol*. **36 (7)**. 598-603.
- Lorenzetti, M., Mozzati, M., Campanino, P.P., and Valente, G.V. (1998). Bone augmentation of the inferior floor of the maxillary sinus with autogenous bone or composite bone grafts: A histologic-histomorphometric preliminary report. *Int J Oral Maxillofac Implants*. **13 (1)**. 69-75.
- Lundner, A. S., and Warunek S. P. (2006). Patent nasopalatine ducts after rapid maxillary expansion. *Am J Orthod Dentofacial Orthop*. **130 (1)**. 96-99.
- Malik, N. A., (2008). Text book of oral and maxillofacial surgery. 2nd edn. Jaypee Brothers Publishers. p. 675-676.
- Mardinger, O., Namani-sadan, N., Chaushu, G., and Schwartz-Arad, D. (2008). Morphologic changes of the nasopalatine canal related to dental implantation: a radiologic study in different degrees of absorbed maxillae. *J perio*. **76 (9)**. 1659-1662.
- McMinn, R. M. H. (2005). Last's Anatomy Regional and Applied. 9th edn. Elsevier Australia. p. 557-629.
- Mecall, R. A., and Rosenfeld, A. L. (1991). The influence of residual ridge resorption patterns on implant fixture placement and tooth position. Part I. *Int J Perio Rest Dent*. **11 (1)**. 8-23.
- Methathrathip, D., Apinhasmit, W., Chompoonpong, S., Lertsirithong, A., Ariyawatkul, T., and

- Sangvichien, S. (2005). Anatomy of greater palatine foramen and canal and pterygopalatine fossa in Thais: Considerations for maxillary nerve block. *Surg Radiol Anat.* **27 (6)**. 511–516.
- Miracle, A. & Mukherji, S. (2009). Conebeam CT of the head and neck, part 2: clinical applications. *Am. J. Neuroradiol.* **30 (7)**. 1285-1292.
- Misch, C. (1999). Contemporary Implant Dentistry. 2nd edn. St Louis: Mosby. p. 509-519.
- Monkhouse, S. (2004). Clinical Anatomy: a core text with self-assessment (Master medicine). Elsevier Health Sciences. p. 215-280.
- Moor, K. L. and Persaud, T. V. N. (2008). Before We Are Born: Essentials of Embryology and Birth Defects . 7th edn. Saunders. p. 122-127.
- Moor, K. L., Dalley, A. F., and Agur, A. M. R. (2010). Clinically Oriented Anatomy. 6th edn. Lippincott Williams and Wilkins, a Wolters Kluwer business. p. 820-973.
- Mraiwa, N., Jacobs, R., Cleynenbreugel, J. V., Sanderink, G., Schutyser, F., Suetens, P., Steenberghe, D. V., and Quirynen, M. (2004). The nasopalatine canal revisited using 2D and 3D CT imaging. *Dentomaxillofacial Radiol.* **33**. 396-402.
- Nanci, A., and Cate, A. R. T. (2008). Ten Cate's Oral Histology: development, structure, and function. 7th edn. Elsevier Health Sciences. p. 32-56.
- Peñarrocha, M., Carrillo, C., Uribe, R., and Garcia, B. (2009). The Nasopalatine Canal as an Anatomic Buttress for Implant Placement in The Severely Atrophic Maxilla: A pilot study. *Int J oral maxillofacial Implants.* **24 (5)**. 936-942.
- Purkait, S. K. (2005). Essentials of Oral Pathology. 2nd edn. Jaypee Brothers Publishers. p. 206 - 234.
- Quigley, C. (2001). Skulls and Skeletons: Human Bone Collections and Accumulations. McFarland: USA, 2001. ISBN 0-7864-1068-X, 9780786410682 p.16
- Radiation protection: Cone beam ct for dental and maxillofacial radiology. Provisional guidelines 2009 (v1.1 may 2009). A report prepared by the SEDENTEXCT project.<http://www.sedentexct.eu/system/files/sedentexct_project_provisional_guidelines.pdf > (Last accessed on 13 May 2011)
- Relethford, J. (2003). The Human Species: An introduction to Biological Anthropology, 5th ed McGraw-Hill: New York.
- Revers Modeling Inc. websit <<http://www.reversemodeling.com/index.html> > (last accessed on 12 May 2011)
- Roberts, J., Drage, N., Davies, J. & Thomas, D. (2009). Effective dose from cone beam CT examinations in dentistry. *Br J Radiol.* **82 (973)**. 35-40.
- Roberts, W. E., Simmons, K. E., Garetto, L. P., and DeCastro, R.A. (1992). Bone physiology and metabolism in dental implantology: Risk factors for osteoporosis and other metabolic bone diseases. *Implant Dent.* **1 (1)**. 11-21.
- Rodrigues, M. T. V., Munhoz, E. A., Cardoso, C. L., Junior, O. F. and Damante, J. H. (2009). Unilateral patent nasopalatine duct: a case report and review of the literature. *Am J Otolaryngol.* **30 (2)**. 137-140.

- Roper-Hall, H. T. (1938). Cysts of developmental origin in the premaxillary region, with special reference to their diagnosis. *J Br Dent Assoc.* **7**. 407-434.
- Rosenfeld, A. & Mecall, R. (1996). The use of interactive computed tomography to predict the esthetic and functional demands of implant-supported prostheses. *Compendium of continuing education in dentistry (Jamesburg, NJ: 1995)*. **17 (12)**. 1125-1128.
- Rosenquist, J. B., and Nyström, E. (1992). Occlusion of the incisal canal with bone chips. *Int. J OralMaxillofac. Surg.* **21 (4)**. 210-211.
- Sadler, T. W. (2004). Langman's Medical Embryology. 9th edn. Lippincott Williams & Wilkins. p.386-390.
- Saraf, S. (2006). Textbook of Oral Pathology. 1st edn. Japee Brothers Publishers. p. 33 - 76.
- Scarfe, W. and Farman, A. (2008). What is cone-beam CT and how does it work? *Dent Clin North Am.* **52 (4)**. 707-730
- Scarfe, W. C., Farman, A. G., and Sukovic, P. (2006). Clinical Applications of Cone-Beam Computed Tomography in Dental Practice. *J Can Dent Assoc.* **72 (1)**.75-80.
- Scher, E. L. (1994). Use of the incisive canal as a recipient site for root form implants: preliminary clinical reports. *Implant Dent* **3**: 38-41.
- Scortecchi, G. M., Misch, C. E., Benner, K. U. and Benner, K. U. (2001). Implants and Restorative Dentistry. 1st edn. Taylor and Francis. p.265 - 310.
- Sharpey, W., Thomson, A., and Cleland J. (1867). Quain's Elements of Anatomy. 7th edn. Vol II. James Walton. p. 604-605.
- Shear, M., and Speight P. (2007). Nasopalatine duct cyst: Cysts of Oral and Maxillofacial Region, 4th edn. Blackwell Munksgaard. p. 108-115.
- Singh, I. (2003). Anatomy For Dental Students. 2nd edn. Jaypee Brothers Medical. p.218-224.
- Singh, I. (2009). Essentials of Anatomy. 2nd edn. Jaypee Brother Publishers. p. 315-341.
- Sinnatamby, C. S., and Last, R. J. (2006). Last's Anatomy Regional and Applied. 11th edn. Elsevier Health Sciences. p: 1-34, 341-470.
- Skoglund, L. A., Pedersen, S. S. and Holst, E. (1983). Surgical management of 85 perforations to the maxillary sinus. *Int J Oral Surg.* **12 (1)**. 1-5.
- Snell, R. S. (2008). Clinical Anatomy by Regions. 8th edn. Lippincott Williams and Wilkins. p. 667-850.
- Snyder, R. L. (2007). Cone Beam Computed Tomographic Simulation of Panoramic Radiology: Third Molar Assessment and Mandibular Canal. University of Pittsburgh School of Dental Medicine. Master Thesis. p. 36-38.
- Song, W. C., Jo, D. I., Lee, J. Y., Kim, J. N., Hur, M. S., Hu, K. S., Kim, H. J., Shin, C. & Koh, K. S. (2009). Microanatomy of the incisive canal using three-dimensional reconstruction of microCT

- images: An ex vivo study. *Oral Surg Oral Med Oral Pathol Oral Radiol Endod.* **108 (4)**, 583-590.
- Stafne, E.C. (1969). *Oral Roentgenographic Diagnosis*, 3rd edn. Philadelphia and London: Saunders. p. 159
- Standring, S. (2005). *Gray's anatomy*. 39th edn. Edinburgh: Churchill Livingstone. p. 583-4.
- Sukovic, P. (2003). Cone beam computed tomography in craniofacial imaging. *Orthod Craniofac Res.* **6**, 31-36.
- Suomalainen, A., Vehmas, T., and Kortensniemi, M. et al. (2008). Accuracy of linear measurements using dental cone beam and conventional multislice computed tomography. *Dentomaxillofac Radiol.* **37 (1)**, 10-17.
- Swanson, K. S., Kaugars, G. E., and Gunsolley, J. C. (1991). Nasopalatine duct cyst: an analysis of 334 cases. *J Oral Maxillofac Surg.* **49 (3)**, 268-271.
- Tank, P. W. (2009). *Grant's Dissector*. 14th edn. Lippincott Williams and Wilkinss. p. 181-206.
- Valstar, M. H. and Van den Akker. (2008). Patent nasopalatine duct: A diagnostic pitfall. *Brit J Oral Max Surg.* **46 (4)**, 304-305.
- Van den Bergh, J. P. A., and ten Bruggenkate, C. M. (2000). Anatomical aspects of sinusfloor elevations. *Clin Oral Implants Res.* **11 (3)**, 256–265.
- Vasconcelos, R., De Aguiar, M. F., Castro, W., De Araújo, V. C., and Mesquita, R. (1999). Retrospective analysis of 31 cases of nasopalatine duct cyst. *Oral Dis.* **5 (4)**, 325-328.
- Velasquez-Smith, M. T., Mason, C., Coonar, H., and Bennett, J. (1999). A nasopalatine cyst in an 8-year-old child. *Int J Paediatr Dent.* **9 (2)**, 123-127.
- Woo, I., and Le, B. T. (2004). Maxillary Sinus Floor Elevation: Review of Anatomy and Two Techniques. *Implant Dent.* **13 (1)**, 28-30.
- Yaacob, H., Nambiar, P., and Naidu, M. D. K. (1996). Racial characteristics of human teeth with special emphasis on the Mongoloid dentition. *Malaysian J Pathol.* **18 (1)**, 1-7.
- Ziegler, C. M., Woertche, R., Brief, J., and Hassfeld, S. (2002). Clinical indications for digital volume tomography in oral and maxillofacial surgery. *Dentomaxillofac Radiol.* **31 (2)**, 126–130.