

Volume 4 | Number 1 | pp. 8-17

1978

Review Article

Bibliography: Oral myology, oral myofunctional disorders and oral myofunctional therapy, Segment 3

Ysaye M. Barnwell (*Howard University*)

Suggested Citation

Barnwell, Y. M. (1978). Bibliography: Oral myology, oral myofunctional disorders and oral myofunctional therapy, Segment 3. *International Journal of Oral Myology*, 4(1), 8-17.

DOI: <https://doi.org/10.52010/ijom.1978.4.1.2>



This work is licensed under a [Creative Commons Attribution-NonCommercial-NoDerivatives 4.0 International License](#).

The views expressed in this article are those of the authors and do not necessarily reflect the policies or positions of the International Association of Orofacial Myology (IAOM). Identification of specific products, programs, or equipment does not constitute or imply endorsement by the authors or the IAOM. The journal in which this article appears is hosted on [Digital Commons](#), an Elsevier platform.

Bibliography: Oral Myology, Oral Myofunctional Disorders and Myofunctional Therapy

Third of Three Segments

Prepared by: Ysaye M. Barnwell, Ph.D.
College of Dentistry, Howard University
Washington, D.C.

- Miyawaki, K.A. "A study on the musculature of the human tongue." *Annual Bulletin, Research Institute of Logopedics & Phoniatrics*. (Faculty of Med.) Tokyo: Univer. of Tokyo, #8, 1973-4.
- Moffatt, J.B. "Habits and their relation to malocclusion." *Australian Dent. J.*, 8:142-9, 1963.
- Monson, G.S. "Impaired function as a result of closed bite." *Journal of the National Dental Assoc.*, 8:833, 1921.
- Moore, A. "Observation on mouth breathing." *New Zealand Soc. Period. Bull.*, 33:9-11, 1972.
- Moore, R.L. "Oral habits - good and bad." *Bull. Philadelphia County Dent. Soc.*, 31(3):6-9, 1965.
- Moorrees, C.F. "Research related to malocclusion. A state-of-the-art workshop conducted by the oro-facial growth and development program, N.I.D.R." *Amer. J. Orthod.*, 59:1, 1971.
- Moreland, D.G. "Aberrant function of the tongue." *Chron. Omaha District Dent. Soc.*, 26:304-5, 1963.
- Moses, E.R., Jr. "A brief history of palatography." *Q.J. Speech*, 26:489-91, 1964.
- Moss, M.L. "The primacy of functional matrices in orofacial growth." *Dent. Pract.*, 19:65-73, 1968.
- Moyers, R.E. "Postnatal development of the orofacial musculature." *ASHA Report No. 6*, 38-47, 1971.
- Moyers, R.E. "Tongue problems and malocclusion." *D. Clinic N. Amer.*, p. 529-39, 1964.
- Moyers, R.E. "The infantile swallow." *Tr. Europ. Orthod. Soc.*, 40:180-7, 1964.
- Moyers, R.E. "The role of musculature in orthodontic diagnosis and treatment planning." *Vistas in Orthodontics*, Lea & Febiger, 1962.
- Moyers, R.E. "An electromyographic analysis of certain muscles involved in tempromandibular movement." *Amer. J. Orthod.*, 36:481, 1950.
- Muller, W. "Child psychology and thumb sucking." *Dent. Abstracts*, 3:516, 1958.
- Munro, D. "Thumb-sucking and finger-sucking." *Brit. Soc. Study Orthod. Tr.*, p. 68-72 disc. 72-76, 1956, also *Dent. Pract. and Dent. Rec.*, 7:67-71 disc. 71-75, 1956.
- Munro, R. R. "Activity of the digastric muscle in swallowing and chewing." *J. Dent. Res.*, 53:530-7, 1974.
- Murrell, G. A. "Phonetics, function and anterior occlusion." *J. Prosth. Dent.*, 32(1):23-31, 1974.
- Murrell, G. A. "The problems of functional conflicts between anterior teeth." *J. Prosth. Dent.*, 27:591-99, 1972.
- Murrell, G. A. "Occlusal considerations in esthetic tooth positioning." *J. Prosth. Dent.*, 22:499-502, 1970.
- Nadler, S. C. "The effects of bruxism." *J. Periodontol.*, 37:311-19, 1966.
- Nadler, S. C. "Detection and recognition of bruxism." *J.A.D.A.*, 61:473, 1960.
- Nanda, R. S., Khan, I., & Anand, R. "Effects of oral habits on the occlusion in preschool children." *J. Dent. Child.*, 39: 449-52, 1972.

- Neff, C. W. "Frequency of deglutition of tongue thrusters compared to a population of normal swallowers." Univ. of Washington, unpublished master's thesis, 1963.
- Neff, C. W., & Kydd, W. L. "The open bite: physiology and occlusion." *Angle Orthod.*, 36(4):351-7, 1966.
- Neger, M. "A quantitative method for the evaluation of the soft tissue facial profile." *Amer. J. Orthod.*, 45:738-51, 1959.
- Negus, V. E. "The mechanism of swallowing." *J. Laryng.*, 58:46-59, 1948.
- Neuman, H. H. "Measurement of the effort exerted in chewing various foods." *J. D. Res.*, 29:463-8, 1950.
- Newman, G. V., & Fogel, B. "Tongue thrust swallowing." *J. of N.J. State Dent. Soc.*, 34:358-68, 1963.
- Newton, H. "The relationship between infant feeding experience and later behavior." *J. Pediat.*, 38:28, 1951.
- Nieberg, L. G. "An electromyographic and cephalometric radiographic investigation of the orofacial muscular complex." *Amer. J. Orthod.*, 46:627-8, 1960.
- Niki, T. "Tonsilloglossus muscle, a proposition of a new terminology." *Otolaryngology (Tokyo)* 42:683-5 Sept., 1970.
- Norton, L. A., & Gellin, M. E. "Management of digital sucking and tongue thrusting." *Dental Clinics of North Amer.*, p. 363, 1968.
- Ohashi, M., Woelfel, J. B., & Poffenberger, G. C. "Pressure exerted on complete dentures during swallowing." *J.A.D.A.*, 73:625-30, 1966.
- Olson, D. A. "Speech and dental problems. II - Tongue thrusting." *Alabama D. Rev.* 10:12-15, 1963.
- Oring, S. "The tongue thrust syndrome. An opinion." *J. Md. state Dent. Assoc.*, 17(3):210-11, 1974.
- Overstake, C. P. "An investigation of tongue-thrust swallowing and the functional relationship of deviant swallowing, orthodontic problems and speech defects." Paper presented at the ASHA Convention, Denver, 1970.
- Palmer, G. L. "The effectiveness of post hypnotic suggestion upon control of the tongue thrusting habit in relation to trance depth." *Amer. Dent. Assoc. Lib.* 615.815/P 183/1959, also *Amer. J. Orthod.*, 47:228, 1961 Abstract.
- Palmer, J. M. "Tongue thrusting: A clinical hypothesis". *J.S.H.D.* 27:323-33, 1962.
- Palmer, J. W. "Analysis of speech in prosthodontic practice." *J. Prosthod. Dent.*, 31(6):605-14, 1974.
- Palmer, M. F. "Orthodontics and disorders of speech." *Amer. J. Orthod.*, 34:579-88, 1948.
- Palerno, D. S. "Thumbsucking: A learned response." *Pediat.*, 17:392, 1956.
- Paul, J. S., & Nanda, R. S. "Effects of mouth breathing on dental occlusion." *Angle Orthod.*, 43:201-6, 1973.
- Paulson, D. R., & Porter, D. R. "Examiner variability in the discernment of occlusal traits and oral habits." *J. Dent. Res.*, 40:645, 1961.
- Pearson, G. H. J. "Psychology of finger-sucking, tongue sucking and other oral habits." *Amer. J. Orthod.*, 34:589, 1948.
- Peat, J. H. "A cephalometric study of tongue position." *Amer. J. Orthod.*, 54:339-51, 1968.
- Pennington, L. A. "Incidence of nailbiting among adults." *Amer. J. Psychiat.*, 102:241, 1945.
- Penzer, V. "Chronic myo-dynamic dysphagia." Paper presented at the A.S.C.H. Annual Scientific Meeting, Miami Beach, Fla., 1970.
- Perry, H. T. "Muscle contraction patterns in swallowing." *Angle Orthod.*, 42:66-79, 1972.
- Perston, C. M. "Aspects of the relationship between the inclination of incisors and the pressure exerted on them by the lips and tongue." *Tr. Europ. Orthod. Soc.*, 36:51-9, disc. 59-61, 1961.
- Peterson & Fletcher. *Tongue Thrust Therapy*. Learning Concepts, Austin, Texas, 1974.
- Peterson, C. T. "Thumbsucking." *Amer. J. Orthod.*, 54:290, 1968.
- Pickard, P. J. "Bottle feeding as preventive orthodontics." *J. Calif. State Dent. Assoc.*, 35(3):90-95, 1959.
- Pierce, Roberta B., & Warvi, V. *Swallow Right*. A program for the correction of the deviate swallow pattern in young children. Huntsville Rehabilitation Center, Alabama, 1973.
- Pleasonton, A. K. "Sensitivity of the tongue to electrical stimulation." *J.S.H.R.*, 13:635-44, 1970.
- Pomp, M. A. "Psychotherapy for the myofacial pain dysfunction syndrome. A study of factors coinciding with symptom remission." *J.A.D.A.*, 89(3):629-32, 1974.

- Ponce, F. "Alteration of the postural position of the tongue." *Orthodontia*, 33:89-99, 1969.
- Popovich, F., & Thompson, G. W. "Thumb and finger sucking. Its relation to malocclusion." *Amer. J. Orthod.*, 63:148-55, 1973.
- Popovich, F. "The incidence of sucking habits and its relationship to occlusion in 3-year old children." *Burlington Orthodontic Research Center Progress Report*, Series No. 1, Univ. of Toronto, 1958.
- Porter, Donald R. "Implications and interrelations of oral habits." *J. Dent. Child.*, 31:164-70, 1964.
- Posen, A. L. "The influence of maximum perioral and tongue force on the incisor teeth." *Angle Orthod.*, 42:285-309, 1972.
- Posselt, Ulf. *Physiology of Occlusion and Rehabilitation*. Blackwell Scientific Publications, Oxford and Edinburgh, 1968.
- Posselt, Ulf. "Occlusal relationship in deglutition and mastication." *Europ. Orthod. Soc. Tr.*, 34:301-11, disc. 311-315, 1958.
- Pound, E. "Utilizing speech to simplify a personalized denture service." *J. Prosthet Dent.*, 24:586-600, 1970.
- Pound, E. "Mandibular movements of speech and their seven related values." *J. So. Calif Dent. Assoc.*, 34:435-41, 1966.
- Prechtl, H. F. R. "The directed head turning response and allied movements of the human baby." *Behavior*, 13(2):212-16, 1958.
- Prince, R. "Bruxism, occlusion, & migraine." *Anglo Contin. Dent. Soc.*, 8-9, April 1972.
- Pons-Tortella E. "Zur Entwicklung der Form und der Muskulatur der Zunge beim Menschen." *Ztschr.f. Ant. u. Entwickl.*, 105:72-78, 1935.
- Pringle, K. E. "Long term results of orthodontic treatment." *Dent. Pract.*, 6:297, 1955.
- Proffit, W. R. "Tongue-lip pressures during speech of Australian aborigines." *Phonetica*, 32(3):200-20, 1975.
- Proffit, W. R. "Muscle pressures and tooth position: Findings from studies of North American whites and Australian aborigines." *Angle Orthod.*, 45(1):1-11, 1975.
- Proffit, W. R. "Muscle pressure and tooth position: A review of current research." *Australian Orthod.*, 3:104-8, 1973.
- Proffit, W. R. "Lingual pressure patterns in the transition from tongue thrust to adult swallowing." *Arch. Oral Biol.*, 17: 555-563, 1972.
- Proffit, W. R. "Linguopalatal pressure in children." *Amer. J. Orthod.*, 55(2):154-66, 1969.
- Proffit, W. R. "Normal function: Intraoral pressures in a young adult group." *J. Dent. Res.*, 43(4):555-62, 1964.
- Proffit, W. R. "Pressures against the dentition during speech." Univ. of Washington, unpublished master's thesis, 1963.
- Ragnar, B., & Dessner. "Bruxism and chronic headache." *Dent. Digest*, 67:32, 1961.
- Ramsey, G. H., Watson, J. S., et al. "Cinefluorographic analysis of the mechanisms of swallowing." *Radiology*, 64:498-518, 1955.
- Rasmus, R. L., & Jacobs, R. M. "Mouth breathing and malocclusion: Quantitative technique for measurement of oral and nasal air-flow velocities." *Angle Orthod.*, 39:296-302, 1969.
- Ray, H. G., & Santos, H. A. "Consideration of tongue thrusting as a factor in periodontal disease." *J. Periodont.*, 25:250-56, 1954.
- Rea, C. L. "Tongue thrusting and interdentalizing among cleft palate and non-cleft palate subjects." *Amer. Dent. Assoc. Lib. D521/R22/1965.*
- Reding, G. R., Rubright, W. C., & Zimmerman, S. O. "Incidence of Bruxism." *J. Dent. Res.*, 45:1198-1205, 1966.
- Rehak, G., Kavacs, E., & Frigyesi, A. "Association of infantile swallowing with disorders of occlusion and speech." *Fogor Szemle*, 67(2):38-40, 1974 (Budapest, Hungary).
- Reitan, K. "Orthodontic treatment of patients with psychogenic, muscular, and articulation disorders." *Tandlaegebladet*, 75:1182-97, 1971.
- Ricketts, R. M. "Esthetics, environment and the law of lip relations." *Amer. J. Orthod.*, 54:272-89, 1968.
- Ricketts, R. M. "Tonsils and dental abnormalities." *J.A.M.A.*, 192:1110, 1965.

- Ricketts, R. M. "Facial and dental changes during orthodontic treatment as analyzed from the temporomandibular joint." *Amer. J. Orthod.*, 41:163-79, 1955.
- Ricketts, R. M. "The cranial base and soft structures in cleft palate speech and breathing." *Plastic and Recon. Surg.*, 14:47-61, 1954.
- Rinaldi, P. & Sharry, J. "Tongue force and fatigue in adults." *J. Pros. Den.*, 13:857-865, 1963.
- Ringel, R. E. "Oral sensation and perception: A selective review." *ASHA Report No. 5*, 188-206, 1970.
- Riscalla, F. (Etiology of muscular anomalies). *Rev. Dent. Liban*, 15:20-9, 1965 (Fr.).
- Ritsert, E. "Thumbsucking: Causes and effects." *Pennsylvania Dent. J.*, 26:19-25, 1959.
- Rittlemyer, L. F. "Thumbsucking: A preventable problem." *Gen. Pract.*, 11:68, 1955.
- Rix, R. E. "Some observations upon the environment of the incisors." *Dent. Rec.*, 73:427-41, 1953, *Tr. Brit. Soc. Orthod.*, p. 75, 1953.
- Rix, R. E. "Deglutition." *Tr. Europ. Orthod. Soc. Tr.*, p. 191-202, 1947-1948.
- Rix, R. E. "Deglutition and the teeth." *D. J. Australia*, 18:488-90, 1946, also *Brit. Soc. Study Orthod. Tr.*, p. 15-21 disc. 21-22, 1946, also *Dent. Rec.*, 66:103-8, 1946.
- Robert, E. "Thumb and finger-sucking in relation to feeding in early infancy." *Amer. J. Dis. Child.*, 68:7, 1944.
- Rogers, A. P. "Mechanical orthodontics: A halfway measure." *Amer. J. Orthod. & Oral Surg.*, 29:105, 1943.
- Rogers, A. P. "Evolution, development and application of myofunctional therapy in orthodontics." *Amer. J. Orthod. & Oral Surg.*, 25:1, 1939.
- Rogers, A. P. "Open bite cases involving tongue habits." *Int. J. Orthod.*, 13(2):837-44, 1927.
- Rogers, A. P. "Coordinating natural and artificial methods of treatment." *Int. J. Orthod. & Oral Surg.*, 10:63, 1924.
- Rogers, A. P. "Making facial muscles our allies in treatment and retention." *Dent. Cosmos*, LXIV:711-30, 1922, also *Brit. Dent. J.* XLIII:835-6, 1922. Abstract.
- Rogers, A. P. "Stimulating arch development by the exercise of the masseter-temporal group of muscles." *Amer. Soc. Orthod. Tr.*, 189-91, 1921, *Orthod. & Oral Surg. Int. J.*, VIII:61-4, 1922.
- Rogers, A. P. "Teaching our patients to overcome undesirable muscle habits." *Dent. Items of Interest*, 7:530, 1919.
- Rogers, A. P. "Muscle training in relation to orthodontics." *Inter. J. Orthod.*, IV:555-577 disc. 596-603, 1918, and XLI: 90-119 disc. 203-215, 1919.
- Rogers, A. P. "Exercise for the development of muscles of the face with a view to increasing their functional activity." *Dent. Cosmos*, 60:857-876, 1918.
- Rogers, J. H. "Swallowing patterns of a normal population sample compared to those of patients from an orthodontic practice." *Amer. J. Orthod.*, 47:674-89, 1961.
- Rogers, R. "Lip changes in Class I double protrusion cases resulting from orthodontic treatment." *Amer. Dent. Assoc. Lib.* D45/R633/1973.
- Ronson, I. "Incidence of visceral swallows among lispers." *J.S.H.D.*, 30:318-24, 1965.
- Rosenblum, R. E. "Orofacial muscle activity during deglutition as revealed by physiographic cinematography." *Angle Orthod.*, 33:162-77, 1963.
- Rosenthal, M. "Myofunctional therapy: when to use it, and how." *Dent. Surv.*, 50(11):22-6, 1974.
- Rothstein, R. L. "A cephalometric evaluation comparing the effectiveness of myofunctional therapy with mechanical restraint in the correction of the deviate swallow (Tongue-thrust)." Fairleigh Dickinson Univ., unpublished master's thesis, 1973.
- Ruff, R. M. "Mixed dentition treatment." in Cook J. T. (Ed.) *Transactions of the Third International Orthodontic Congress*. pp. 241-52. London, Staples, 1975.
- Rushner, R., & Hendron, J. "The act of deglutition: A cineradiographic study." *J. App. Physiol.*, 3:622-30, 1951.
- Ruttle, A. T., Quigley, W., Crouch, J. T. and Ewan, G. E. "A serial study of the effects of fingersucking." *J. Dent. Research*, 32:739-748, 1953.
- Saladine, P. J. "Reverse swallowing." *J. Prost. Dent.*, 17:219-21, 1967.

- Salter, H. H. "Tongue." *Todd Cyclopedia of Anatomy and Physiology*, 4:1120-1163, 1852.
- Saltz, W. E., and Robbins, V. "Physical therapy in orthodontics." *So. Calif. Dent. Hyg. Assoc.*, 9(4):4-6, 1967.
- Salzman, J. A. "The orthodontic approach to interception and treatment of oral habits in children." *J. Dent. Child.*, 9:92, 1952.
- Salzman, J. A. "Malocclusion with extreme microglossia." *Amer. J. Orthod.*, 48:848-57, 1962.
- Samson, E. "Back and forth (thumb-sucking)." *Dent. Mag. & Oral Topics*, 80:82-94, 1963.
- Sauerland, E. K., Mitchell, S. P. "Electromyographic activity of the human genioglossus muscle in response to respiration and to positional changes of the head." *Bull. L. A. Neurol. Soc.*, 35:69-73, 1970.
- Sauerland, E. K., et al. "The human tongue during sleep: Electromyographic activity of the genioglossus muscle." *Exp. Neurol.*, 51(1):160-70, 1976.
- Schaffer, S. "Mouthbreathing as a factor in malocclusion." *Dent. Students Mag.*, 34:21-3, 1956.
- Schoenwetter, R. F. "Localized juvenile periodontics." *J. Dent. Child.*, 34:301-4, 1967.
- Sclare, R. "The trapped lower lip." *Brit. Dent. J.*, 102:398-403, 1957.
- Scott, C. M., & Ringel, R. L. "Articulation without oral sensory control." *J.S.H.R.*, 14:804-18, 1971.
- Scott, C. M. "The effects of motor and sensory disruption on speech: A description of articulation." *J.S.H.R.*, 14:819-28, 1971.
- Scott, J. H. "The shape of the dental arches." *J. Dent. Res.*, 36:996-1003, 1957.
- Scott, J. H. "Role of soft tissues in determining normal and abnormal dental occlusion." *Dent. Pract. and Dent. Rec.*, 11:302-8, 1961.
- Scott, J. H. "Development and posture of the lips in foetal life." *Europ. Orthod. Soc. Rep. Cong.*, 39:59, 1963.
- Scott, J. H. "The doctrine of functional matrices." *Amer. J. Orthod.*, 56:38, 1969.
- Sears, R. R., & Wise, G. W. "Relations of feeding in infancy to thumbsucking and the oral drive." *Amer. J. Orthopsychiat.*, 20:123-38, 1958.
- Secter, S. S. "Tongue thrusting and nailbiting treated during hypnosis." *Dent. Abstracts*, 7:99-100, 1962.
- Sessle, B. J., Hannam, A. G., ed. *Mastication and Swallowing*. Toronto, Univ. of Toronto Press, 1976.
- Shahovitch, G. P. "Don't scold the nailbiter." *Hygeia*, 23:302, 1945.
- Shapiro, H. H. "The muscles of mastication: Their relation to problems in orthodontic treatment." *Int. J. Orthod.*, 20:12-17, 1934.
- Shapiro, S., and Shanon, J. "Bruxism as an emotional reactive disturbance." *Arizona Dent. J.*, 12:13-18, 1966.
- Shaw, I. *Clinical Applications of Hypnosis in Dentistry*. W. B. Saunders, Philadelphia, 1958.
- Sheldon, G. H. "Psychological factors in the etiology of malocclusion." *N.Y. State Dent. J.*, 35:277-84, 1969.
- Shelton, R. L., Bosma, J. F., & Sheets, B. V. "Tongue, hyoid, and larynx displacement in swallow and phonation." *J. Applied Physiol.*, 15:283-88, 1960.
- Shelton, R. L., Haskins, R. C., & Bosma, J. F. "Tongue thrusting in one of monozygotic twins." *J.S.H.D.*, 24:105-117, 1961.
- Shelton, R. L. "Therapeutic exercise and speech pathology." *ASHA*, 12:855-59, 1963.
- Shelton, R. L. "Tongue what?" *ASHA Bulletin*, 5(3):5-7, 1970.
- Shelton, R. L. "Modification of oro-facial function during speech." *ASHA Report No. 5*, 146-164, 1970.
- Shepard, E. E. "Prevention of malocclusion by the general practitioner." *J.A.D.A.*, 52:560-66, 1956.
- Sheppard, I. M. "Tongue dynamics." *Dent. Digest*, 59:117-21, 1953.
- Shore, N. A. "Muscle exercises to prevent clicking in the temporomandibular joint." *Dent. Digest*, 67:166-7, 1961.
- Short, M. J. "Role of the dental hygienist in tongue thrust swallowing." *J. Amer. Dent. Hyg. Assoc.*, 37:86-7, 1963.

- Shuff, R. Y. "A simple appliance to help older children overcome the thumb-sucking habit." *Brit. J. Orthod.*, 3(3):175-6, 1975.
- Shultes, W. K. "Habits, the saboteurs of occlusion." *J. Canadian Dent. Assoc.*, 15:473-79, 1949.
- Sillman, J. H. "Thumb-sucking and the oral structures." *J. Pediat.*, 39:424, 1951.
- Simard-Savoie, S. & Lamorlette, D. "Effect of experimental glossectomy on craniofacial growth." *Amer. J. Orthod.*, 70(3):304, 1976.
- Sims, F. W. "The pressure exerted on the maxillary and mandibular central incisors by the perioral and lingual musculature in acceptable occlusion." *Amer. J. Orthod.*, 44:64-5, 1958.
- Singh, & Savara. "Maxillary norms." *Angle Orthod.*, 36:4, 1966.
- Skelly, M. *Glossectomy Speech Rehabilitation*. Charles C. Thomas, Pub. Springfield, Ill. 1973.
- Sloan, R. F., et al. "The application of cephalometrics to cineradiography." *Angle Orthod.*, 34:2, 1964.
- Sly, W. J. "Myofunctional therapy." *Inter. J. Orthod.*, 23:572-80, 1937.
- Smith, T. & Hirano, M. "Experimental investigation of the musculature control of the tongue in speech." *UCLA Working Papers in Phonetics*, No. 10, 145-155, 1968.
- Smith, T. S. "Phonetic study of the function of the extrinsic tongue muscles." *UCLA Working Papers in Phonetics*, No. 18, 1971.
- Snook, S. H., Hinds, W. C., Burgess, W. A. "Respiratory comfort: Subjective response to force applied to the face." *Amer. Industr. Hyg. Assoc. J.*, 27:93-7, 1966.
- Snow, K. "Articulation proficiency in relation to certain dental abnormalities." *J.S.H.D.*, 26:209, 1961.
- Soemmering, Samuel Thomas Von. "Vom Bau des Menschlichen Körpers." *Muskelkunde*, Leipzig 3:1-392, 1841.
- Sood, S. & Verma, S. "Mouth habits - mouth breathing." *J. Indian Dent. Assoc.*, 38:132-5, 1966.
- Sorrin, S. "Habit, an etiological factor of periodontal disease." *Dent. Digest*, 41:290, 1935.
- Souchon, E. "The philosophic anatomy of the tongue." *J. Am. Med. Assoc.*, Chicago: 1ii:1397, 1909.
- Speidel, T. M., Isaacson, R. J., & Wroms, F. W. "Tongue thrust therapy and anterior dental open-bite." *Amer. J. Orthod.*, 62:287-95, 1972.
- Stallard, H. "The general relation of pillowng to malocclusion." *Dent. Cosmos*, 67:258-271, 1925.
- Stallard, H. "A consideration of extraoral pressures in the etiology of malocclusions." *Int. J. Orthod.*, 16:475-520, 1930.
- Stallard, R. E. "Relation of occlusion to temporomandibular joint dysfunction: The periodontic viewpoint." *J. Amer. Dent. Assoc.*, 79:142-4, 1969.
- Stansell, B. J. "Effects of deglutition and speech training on dental overjet." *J. So. Calif. Dent. Assoc.*, 28:423-37, 1970.
- Starr, P. H. "Psychiatric aspects of thumb sucking as it relates to dental occlusion." *Wash. Univ. Dent. J.*, 22:9-11, 1955.
- Stelland, H. "Maxillary growth and face development." *J. Maxillofac. Orthop.*, 2:20-4, 1969.
- Stepovick, Michael L. "A cephalo-positional study of the hyoid bone." *Amer. J. Orthod.*, 51:882-900, 1965.
- Stepovick, Michael L. "Tongue functions in orthodontics." *J. Mo. Dent. Assoc.*, 44:19-23, 1964.
- Stewart, D. J. "Traumatic gingival recession." *Dent. Pract.*, 16:64-5, 1965.
- Stewart, D. J. & Kernohan, D. G. "Traumatic gingival recession in infants: The result of a dummy sucking habit." *Brit. Dent. J.*, 103-37, 1973.
- Stevens, H. M. "The intraoral pressure exerted on the maxillary and mandibular central incisors by the tongue and lips in Angle Class II Div. I cases." *Amer. J. Orthod.*, 42:937, 1956. Abstract.
- Stevenson, S. S. "Comparison of breast and artificial feeding." *J. Amer. Dietet. Assoc.*, 25:752, 1949.
- Stillman, J. H. "Finger-sucking: Serial dental study from birth to five years." *N.Y. State Med. J.*, 42:2024, 1942.
- Story, R. I. "Psychological issues in orthodontic practice." *Amer. J. Orthod.*, 52:584-98, 1966.
- Stolzenberg, J. "Controlled suggestions in speech problems and tongue thrusting." *Amer. J. Orthod.*, 48:604-8, 1962.

- Straub, W. J. "Etiology of the perverted swallowing habit." *Amer. J. Orthod.*, 37:603-10, 1951.
- Straub, W. J. "Malfunction of the tongue." *Amer. J. Orthod.*, Part I; 46:404-23, 1960, Part II; 47:596-617, 1961, Part III; 48:486-503, 1962.
- Strayer, E. R. "Musical instruments as an aid in the treatment of muscle defects and perversions." *Angle Orthod.*, 9:18, 1939.
- Strong, L. H. "Muscle fibers of the tongue functional in consonant production." *Anat. Rec.*, 126:61-79, 1956.
- Subtelny, J. D. "A longitudinal study of soft tissue facial structures and their profile characteristics defined in relation to underlying skeletal structures." *Amer. J. Orthod.*, 45(7):491, 1959.
- Subtelny, J. D. & Subtelny. "Malocclusion, speech and deglutition." *Amer. J. Orthod.*, 48:685-97, 1962.
- Subtelny, J. & Mestre, J. C. "Comparative study of normal and defective articulation of /s/ as related to malocclusion and deglutition." *J.S.H.D.*, 29:269-85, 1964.
- Subtelny, J. D. "Examination of current philosophies associated with swallowing behavior." *Amer. J. Orthod.*, 51:161-182, 1965.
- Subtelny, J. D. & Maneru, S. "Muscle function, oral malformation, and growth changes." *Amer. J. Orthod.*, 52:495, 1966.
- Subtelny, J. D. "Malocclusions, orthodontic corrections and orofacial muscle adaptation." *Angle Orthod.*, 40:170-201, 1970.
- Subtelny, J. D., & Subtelny, J. D. "Oral habits - studies in form, function, and therapy." *Angle Orthod.*, 43:349-83, 1973.
- Subtelny, J. D. & Sakuda. "Open-bite: Diagnosis and treatment." *Amer. J. Orthod.*, 50:337-58, 1964.
- Sullivan, A. W. "Modern concepts of thumbsucking." *N.Y. State Med. J.*, 54:2474, 1954.
- Summa, R. "A new method for the correction of stubborn types of mouth breathing." *Inter. J. Orthod. & Dent. for Child.*, 18:843, 1932.
- Sussman, H. M. "What the tongue tells the brain." *Psychol. Bull.*, 77:262-272, 1972.
- Sussman, H. M., Hanson, R. J., MacNeilage, P. F. "Studies of single motor units in the speech musculature: Methodology and preliminary findings." *J. Acoust. Soc. Amer.*, 51:1372-1374, 1972.
- Swindler, D. R., & Sassouni, V. "Open bite and thumbsucking in Rhesus monkeys." *Angle Orthod.*, 32:27-37, 1962.
- Swinehart, D. R. "Importance of the tongue in the development of normal occlusion." *Amer. J. Orthod.*, 36:813-830, 1950.
- Swinehart, E. W. "Relation of thumbsucking to malocclusion." *Amer. J. Orthod.*, 24:509-21, 1938.
- Syrop, H. M. "Motion picture studies of the mechanism of mastication and swallowing." *J.A.D.A.*, 46:495, 1953.
- Takagi, Y., & Bosma, J. F. "Disability of oral function in an infant associated with displacement of the tongue." *Acta Pediat.*, 49:62-9, 1960.
- Taylor, D. T. "A time study of the movement of the tongue during deglutition." Univ. of Washington, unpublished master's thesis, 1963.
- Teuscher, G. W. "Suggestions for treatment of abnormal mouth habits." *J.A.D.A.*, 27:1705-14, 1940.
- Tewari, A. "Abnormal oral habits relationship with malocclusion and influence on anterior teeth." *J. Indian Dent. Assoc.*, 42:81-4, 1970.
- Thaller, J. "Bruxism, a factor in periodontal disease." *N.Y. State Dent. J.*, 31:17, 1965.
- Thexton, A. J. "Some aspects of neurophysiology of dental interest. I. Theories of oral function." *J. Dent.*, 2(2):49-54, 1973.
- Thoma, K. H. "Principal factors controlling development of mandible and maxilla." *Amer. J. Orthod. & Oral Surg.*, 24:178, 1938.
- Timms, D. J. "A cineradiographic study of the oral tissues during deglutition." *Euro. Orthodont. Soc. Tr.*, 38:319-26, disc. 326, 1962.
- Tisdale, E. A. "Treatment of open bite cases associated with tongue habit." *Inter. J. Orthod.*, 21:1056-61, 1931.

- Toda, J. M. "A study of tongue pressures exerted on the hard palate during swallowing." Univ. of Washington, unpublished master's thesis, 1961.
- Toda, J. M. "A study of tongue pressures exerted on the hard palate during swallowing." *Amer. J. Orthod.*, 48(1):66, 1962 Abstract.
- Tomes, C. S. "The bearing of the development of the jaws on irregularities." *Dent. Cosmos*, 15:292-6, 1873.
- Truesdell, B., & Truesdell, F. B. "Deglutition: With special reference to normal function and the diagnosis, analysis, and correction of abnormalities." *Angle Orthod.*, 7:90-9, 1937.
- Tulley, W. J. "The study of anatomy in relation to dentistry." *Brit. Dent. J.*, 92:1, 1952.
- Tulley, W. J. "Methods of recording patterns of behavior of the orofacial muscles using E.M.G.", p. 60, *Dent. Rec.*, 73: 741, 1953.
- Tulley, W. J. "Adverse muscle forces: Their diagnostic significance." *Amer. J. Orthod.*, 42:8001-14, 1956.
- Tulley, W. J. "Cineradiographic studies of tongue behavior." *Dent. Pract.*, 10:135, 1959.
- Tulley, W. J. "Long term studies of malocclusion." *Tr. Europ. Orthod. Soc.*, 47:256-65, 1961.
- Tulley, W. J. "Long-term orthodontic results." *Dent. Pract.*, 12:253, 1962.
- Tulley, W. J. "The tongue - that unruly member." *Dent. Pract.*, 15:27, 1964.
- Tulley, W. J. "Critical appraisal of tongue thrust." *Amer. J. Orthod.*, 55:640-50, 1969.
- Turuskekov, B. T. "Reflex tone in the tongue muscles: electro-physiological investigation." *Dent. Abstracts*, 4:52, 1959.
- Van der Linden, F.P.G.M. "Dental development and facial growth." *Tr. Europ. Orthod. Soc.*, 185, 1968.
- Van der Linden, F.P.G.M. "Genetic and environmental factors in dentofacial morphology." *Amer. J. Orthod.*, 52:576, 1966.
- Van der Linden, F.P.G.M. "Theoretical and practical aspects of crowding in the human dentition." *J.A.D.A.*, 89:139-153, 1974.
- Vaughn, H. C. "Discussion of 'mandibular joint disease of kinesiopathic origin'". *J. Prosth. Dent.*, 16:329-37, 1966.
- Veeder, & Pollock. "Thumbsucking paradox." *Amer. J. Orthod.*, 38:103, 1952.
- Veitzer, G. A. "Tongue thrust. I. Tongue thrust: Its definition, prevalence, movement and etiology." *Chron. Omaha Dist. Dent. Soc.*, 33:43-5, 1970.
- Veitzer, G. A. "Tongue thrust II. Its effects, classification, possible alternative, relation to speech therapists, procedures and probability of correction." *Chron. Omaha Dist. Dent. Soc.*, 34:74-5, 1970.
- Veitzer, G. A. "Tongue thrust." *J. Indianap. Dist. Dent. Soc.*, 25:16-20, 1971.
- Vernallis, F. "Teeth grinding." *J. Clinical Psychol.*, 11:389, 1955.
- Vitti, M., et al. "Electromyographic investigations of the tongue and circumoral muscular sling with fine wire electrodes." *J. Dent. Res.*, 54(4):844-9, 1975.
- Walker, L. B., Rajagopal, M.D. "Neuromuscular spindles in the human tongue." *Anat. Rec.*, 133:438, 1959.
- Wallen, T. R. "Vertically directed forces and malocclusion: A new approach." *J. Dent. Res.*, 53:1015, 1974.
- Wallis, H.R.E. "Medical aspects of malocclusion." *Dent. Rec.*, 73:519, 1953.
- Walsh, J. P. "The psychogenesis of bruxism." *J. Periodon.*, 36:417-420, 1965.
- Walsh, M. "Tongue-thrust, mouth breathing and thumbsucking habits." *Dent. Survey*, 37:456-57, 1961.
- Walther, D. P. "Skeletal form and the behavior pattern of certain orofacial muscles." *Europ. Orthod. Soc. Tr.* p. 55-68 disc. 69-71, 1954.
- Ward, M. "Articulation variations associated with visceral swallowing and malocclusion." *J.S.H.D.*, 26:334-41, 1961.
- Warner, R. "Myofunctional therapy - A new adjunct to preventive dentistry." *The Chronicle of the Omaha District Dental Soc.*, 35:132-3, 1972.
- Warrer, E. "Simultaneous occurrence of certain muscle habits and malocclusion." *Amer. J. Orthod.*, 45:365-70, 1959.

- Washborne, S. L. "The effect of the temporal muscle on the form of the mandible." *J. Dent. Res.*, 26:174, 1974.
- Watson, R. M., Warren, D. W., & Fischer, N. "Nasal resistance, skeletal classification, and mouth breathing in orthodontic patients." *Amer. J. Orthod.*, 54:367-79, 1968.
- Wechsler, D. "The incidence and significance of nailbiting in children." *Psychoanalytic Rev.*, 18:201, 1931.
- Weinberg, B. "Deglutition: A review of selected topics in speech and the oro-facial complex: The state of the art." *ASHA Report No. 5*, 116, 1970.
- Weinberg, B. "A cephalometric study of normal and defective /s/ articulation and variations in incisor dentition." *J.S.H.R.*, 11:288-300, 1968.
- Weinberg, L. A. "Force distribution in mastication, clenching, and bruxism," *Dent. Digest*, 63:58-61 disc. 72, Feb.; 116-120 disc. 122, March, 1957.
- Weinstein, S. "Minimal forces in tooth movement." *Amer. J. Orthod.*, 53:881-903, 1967.
- Weinstein, S., Haock, D. C., & et al. "On an equilibrium theory of tooth position." *Angle Orthod.*, 33:1-26, 1963.
- Weiss, C. E. "A directional change in tongue thrust." *Britt. J. Dis. Comm.*, 7:131-34, 1972.
- Wells, A. "Etiology of the tongue thrust swallowing syndrome." *New Mexico Dent. J.*, 20:34-36, 1968.
- Wells, E. E. "Relationship of lip strength and deviate swallow in patients with dental protrusion." Howard Univ. College of Dentistry, unpublished thesis submitted in partial fulfillment of requirements for Certificate of Proficiency in Orthodontics, 1972.
- Werlich, E. P. "The prevalence of variant swallowing patterns in a group of Seattle school children." University of Washington unpublished master's thesis, 1962.
- Whillis, J. "Movements of the tongue in deglutition." *J. Anat. & Physiol.*, 80:115-16, 1946.
- White, Charters. "Histology of the gustatory organs of the tongue." *Odontolog. Soc. Trans.* XIII 2nd Ser., 1880-1881.
- Whitman, C. L. "Correction of thumb-sucking habit." *D. Clinic N. Amer.*, p. 541-47, 1964.
- Whitman, C. L., & Pankow, R. "Diagnosis and management of ankyloglossia." *Amer. J. Orthod.*, 47:423-28, 1961.
- Whitman, C. L. "Simplifying our orthodontic problems." *Amer. J. Orthod.*, 39:571-89, 1953.
- Wickwire, N. A., White, R. P., & Proffit, W. R. "The effect of mandibular osteotomy on tongue position." *J. Oral Surg.*, 30:184-90, 1972.
- Wiesner, G. R., Balbach, D. & Wilson, M. "Orthodontics and wind instrument performance." *Amer. Dent. Assoc. Lib.* D46/W637/1973.
- Wilskie, G. H. "Tongue and lip pressures exerted on the dentition during involuntary swallowing." Univ. of Wash. unpublished master's thesis, 1963.
- Winders, R. V. "Tongue-thrust, abnormal swallowing, and myometric research." *J. Wisconsin State Dent. Soc.*, 44:259, 1968.
- Winders, R. V. "Thumbsucking, normal or abnormal." *J. Wisconsin Dent. Soc.*, 36:43-6, 1960.
- Winders, R. V. "Forces exerted on the dentition by the perioral and lingual musculature during swallowing." *Angle Orthod.*, 28:226-35, 1958.
- Winders, R. V. "A study in the development of an electronic technique to measure the forces exerted on the dentition by the perioral and lingual musculature." *Amer. J. Orthod.*, 42:645-57, 1956.
- Wood, J. M. "Orofacial muscle imbalance: Some considerations in referral." *Int. J. Oral Myol.*, 1(2):72-7, 1975.
- Wood, J. M. "Tongue thrusting: Some clinical observations." *J.S.H.D.*, 36:82-9, 1971.
- Wooldridge, H. R. "Relationship of marked mandibular and a symmetry and the ability to perform certain unusual tongue movements." *Amer. J. Orthod.*, 44:63-66, 1958.
- Worms, F. W., Meskin, L. H. & Isaacson. "Open bite." *Amer. J. Orthod.*, 59:589, 1971.
- Wright, C. R., Mayskens, J. H., et al. "A study of the tongue and its relation to denture stability." *Amer. J. Orthod.*, 39:269-75, 1949.
- Wylie, W. L. "The mandibular incisor - Its role in facial esthetics." *Angle Orthod.*, 25:32-41, 1955.

- Zadik, D., Stern, N., Litner, M. "Thumb - and pacifier - sucking habits." *Amer. J. Orthod.*, 71(2):197, 1977.
Zimmerman, J. B. "Current concepts in myofunctional therapy." *The Bulletin*. Pacific Coast Soc. of Orthod., 50(2):20-22, 1975.

ACKNOWLEDGEMENT

I would like to thank Ms. Pamela I. Brown for the many diligent hours she spent in the careful preparation of this manuscript. Y.M.B.