

SAMUEL BERKOWITZ, D.D.S, M.S, F.I.C.D

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CURRICULUM VITAE

- 1959 Orthodontics Specialty - University of Illinois College of Dentistry –
M.S. Thesis: Serial Cephalometric Study of Eight Complete Bilateral Cleft Lip and Palate Patients From Birth To Eight Years of Age.
- 1959 Orthodontist – Cleft Palate Team. Miami Children’s Hospital.
- 1963-2000 Clinical Professor of Surgery and Pediatrics. University of Miami Miller School of Medicine.
- 1963-2000 South Florida Cleft Palate-Craniofacial Program. Mailman Center. University of Miami Miller School of Medicine
- 1963 - Present

Memberships

- American Cleft Palate - Craniofacial Association
- American Association of Orthodontics
- International College of Dentists
- Florida Dental Association
- Florida Cleft Palate Association

Achievements

- **American Cleft Palate - Craniofacial Association – 2016 Honors of the Association** – for a lifetime of research and care toward improving the treatment of children born with cleft lip and palate and other craniofacial anomalies.
- **Milo Helman Award of Special Merit.** This award was based on a 3-D Study of serial cleft palate casts using a digitizer created by NASA specifically for this study.
- **Honoree** - Edward Angle Society of Orthodontists
- **Honoree** - International Cleft Palate Foundation – First World Meeting (Zurich)

- Adjunct Professor of Orthodontics - Nova Southeastern University Dental School Lecturer on Cleft Palate Treatment
- Adjunct Professor of Orthodontics - University of Illinois School of Dentistry – Lecturer on Cleft Palate Treatment.
- Past President - American Cleft Palate Association Educational Foundation
- Past President - Florida Cleft Palate Association
- **National Museum of Health and Medicine** at the Institute of Pathology – Walter Reed Hospital, Washington D.C. has over 900 of my cases consisting of serial records of cephalographs, dental casts, intraoral and extraoral photographs of all cleft lip and palate types including digital records of all treatment records with their treatment histories.
- Clinical Director of Research at the University of Miami School of Medicine Cleft Palate Program. The project was to study the long-term treatment effects on facial and palatal development. The results of these studies are also in storage and available for us.
- Since 1960 attended every American Cleft Palate-Craniofacial Association Annual Meeting, Florida Cleft Palate Association meetings as well as all International Cleft Palate Congress meetings held in different countries every four years.
- Asked to debate in England, Dr. William Shaw, Manchester University Cleft Palate Program on the ethical issue of using ‘trials’ to determine the ‘best’ facial/palatal surgical treatment.
- Lectures in Rome and Bologna, Italy on cleft palate treatment.

ARTICLES:

Berkowitz S. (1959) Facial growth in BCLP from birth to eight years of age – Master Thesis, University of Illinois

Berkowitz S, Pruzansky S. (1969) Stereophotogrammetry of serial casts of cleft palate. Angle Orthod. 38: 136-149.

Berkowitz S. (1971) Stereophotogrammetric analysis of casts of normal and abnormal palates. Am J of Orthod. Vol. 60: 1-18.

Berkowitz S, Krischner J, Pruzansky S. Quantitative analysis of cleft palate casts. (1974) CPJ, 11:2, 134-160.

Berkowitz S, (1977) Section III Orofacial growth and dentistry: State of the art report on neonatal maxillary orthopedics. CPJ: 14: 288-301.

Berkowitz S, Cuzzi J. (1977) Biostereometric analysis of surgically corrected abnormal faces. *Am J Orthod.* 12:5, 526-538.

Berkowitz S, (1978) State of the art in cleft palate, orofacial growth. *Am J Orthod:* 74:5, 564-576.

Berkowitz S, Gonzalez G, Nghiem-Phu . (1982) An optical profilometer – A new instrument for the three dimensional measurement of cleft palate casts. *CPJ* 19:2. 129-138.

Berkowitz S. (1985) Timing cleft palate closure – Age should not be the sole determinant. *J Craniofacial Genet Devel Biol; (Supple.)* 1:69-83.

Berkowitz S. (1990) Complete unilateral cleft lip and palate: Serial three dimensional studies of excellent growth. In Bardach J, Morris H.L. *Multidisciplinary Management of Cleft Lip and Palate.* WB Saunders Co., Philadelphia, 456-473,

Berkowitz S. (1995) Ethical issues in the case of surgical repair of cleft palate. *CPCJ* 32:4. 271-281.

Berkowitz S. (1996) A comparison of treatment results in complete bilateral cleft lip and palate using a conservative approach versus Millard-Latham PSOT procedure. In: Sadowsky P.L. (Ed). *Seminars in Orthodontics Cleft Lip and Palate.* Saunders Co. Philadelphia 169-184.

Berkowitz S. (1998) Prerandomization of clinical trials: A more ethical way for performing cleft palate research. *Plast Reconstr Surg.* 1724-1728.

Berkowitz S, Millard D.R., Latham R.A, Wolfe S.A. (1998) A discussion of presurgical orthodontics in patients with clefts. *Cleft Pal J.* 25:4.

Berkowitz S, Lestrel P.E, Takahashi. (1999) Shape changes in the cleft palate maxilla: a longitudinal study. *Cleft Palate-Craniofacial J.* 76:4: 292-30

Berkowitz S. (1999) Treatment of congenital craniofacial anomalies: Team management with concern for the whole child. *Int. Ped.* 14:2; 77-82.

Berkowitz S, Mejia M, Bystrick A. (2004) A comparison of the effects of the Latham-Millard procedure with those of a conservative treatment approach for dental occlusion and facial aesthetics in unilateral and bilateral complete cleft lip and palate: Part 1. Dental occlusion. *Plast Reconstr Surg:* 113:1-18.

Berkowitz S, Duncan R, Evans C, Friede H, Kuijpers-Jagtman A, Prah-Anderson B, Rosenstein S. (2005) Timing of cleft palate closure should be based on the ratio of the area of the cleft to that of the palatal segments and not on age alone. *Plast Reconstr Surg.* 115:6: 1483-1499.

Berkowitz S. (2006) Timing of cleft palate closure should be based on the ratio of the area of the cleft to that of the palatal segments and not on age alone. Ch. 17 in: Berkowitz S (ed) Cleft Lip and Palate: Diagnosis and Management; 2nd Ed. Springer Verlag, Heidelberg-Berlin.

Berkowitz S. (2009) Gingivoperiosteoplasty as well as early palatal cleft closure is unproductive. J. Craniofac Surg 20:8: 1-9

Berkowitz S. (2010) The need to establish an on-line cleft palate teaching program for orthodontic residents and practicing orthodontists. Letter to the Editor. AJO-DO. 137:5:p577

Berkowitz S. (2014) The present state of treatment in cleft palate: What still needs to be done. Cleft Palate J.

Berkowitz, S. (2014) The Need for Differential Diagnosis in Cleft Palate Treatment Planning. Dentistry. 4:218.DOI: 10.4172/2161-1122.1000218

Berkowitz, S. (2015) A Review of the Cleft Lip/Palate Literature Reveals That Differential Diagnosis of the Facial Skeleton and Musculature is Essential to Achieve all Treatment Goals. J of Craniofacial Surgery. 26:4

Berkowitz S. (2015) The need to establish a cleft palate teaching program for residents and practicing orthodontists (An on-line cleft palate teaching program). *Dent. Oral. Craniofac Res.* 1(4): 114-115

Berkowitz S. (2016) The facial growth pattern and the amount of palatal bone deficiency relative to cleft size should be considered in cleft lip and palate treatment planning. (*PRS Global – Open Access – In press*)

Berkowitz S. (2016) Letter To The Editor. Cleft Pal J. Response to Article: Allareddy V. et al, Operative and immediate postoperative outcomes of using a Latham-type dentomaxillary appliance in patients with unilateral complete cleft lip and palate. Cleft Pal Craniofac J. 2015:42:405-410(In Press)

Berkowitz S. (2016) Letter to the Editor. Cleft Pal Craniofac J. Response to Article: Meazzuni MC. et al. 'Long-term follow-up of UCLP patients: Surgical and orthodontic burden of care during growth and final orthognathic surgery need. Cleft Pal Craniofac J

Berkowitz S. (2016) Letter to the Editor. Cleft Pal Craniofacial J. Response to Article Vyas PM et al. 'Primary Setback and Repair of Bilateral Complete Cleft Lip: Indications, Techniques, and Outcomes' Cleft Pal Craniofac J. (In press)

BOOKS

For Professionals:

- *'Cleft Lip and Palate' in Plastic Surgery of the Facial Skeleton*,
- Eds. Wolfe S.A, Berkowitz S. (1989) Little Brown, Boston
- *Cleft Lip and Palate and Craniofacial Anomalies: Perspectives in Management*. Singular Publishing, San Diego. (1996)
- *Cleft Lip and Palate: Diagnosis and Management – Edition 2*. Springer-Verlag, Heidelberg, Berlin, New York (2006)
- *Cleft Lip and Palate: Diagnosis and Management – Edition 3*. Springer Verlag, Heidelberg, Berlin, New York (2013)

For Parents:

- *The Cleft Palate Story* (1994) Quintessence Publishing, Carol Stream, IL
- *The Cleft Palate Story (Revised)* (2006) Slack Inc. Thorofare, NJ.

Pamphlets:

- *Steps in Habilitation: Feeding your Baby*. (1972) for Mead Johnson, Bristol Myers Co. Evanston, IL
- *The Road to Normalcy – for the Cleft Lip and Palate Child*. (1972) for Mead Johnson Nutritional Division.

Web Sites

- Cleftlippalate.org
- Cleftlippalateaudiovisuallecture.org