

[Print Version] [PubMed Citation] [Related Articles in PubMed]

The Angle Orthodontist: Vol. 69, No. 1, pp. 89-94.

Case Report: Assessment, documentation, and treatment of a developing facial asymmetry following early childhood injury

Robert C. Sjursen, Jr., DDS;^a Harry L. Legan, DDS;^b John R. Werther, DMD, MD^c

^aRobert C. Sjursen, 2020 Fieldstone Parkway, #400, Franklin, TN 37069. Robert C. Sjursen Jr., formerly assistant professor of orthodontics, Vanderbilt University Medical Center, and currently in private practice, Franklin, Tenn.

^bHarry L. Legan, professor and chairman of orthodontics, Vanderbilt University Medical Center.

^cJohn R. Werther, assistant professor of oral and maxillofacial surgery, Vanderbilt University Medical Center, Nashville VA Medical Center.

ABSTRACT

Prepubertal trauma is often implicated as the cause of asymmetric growth of the mandible. A series of photographs taken before and after early childhood injury to the orofacial complex illustrates the development of a three-dimensional dentofacial deformity in a patient. The diagnosis and combined surgical orthodontic treatment plan to correct the facial asymmetry and malocclusion are discussed.

KEY WORDS: Prepubertal trauma, Asymmetry, Mandibular growth, Growth and development, Orthognathic surgery.

Submitted: July 1997 Accepted: July 1997.

© Copyright by E. H. Angle Education and Research Foundation, Inc. 1999