

[\[Print Version\]](#)

[\[PubMed Citation\]](#) [\[Related Articles in PubMed\]](#)

The Angle Orthodontist: Vol. 59, No. 2, pp. 113–122.

Circumpubertal growth spurt related to vertical dysplasia

Surender K. Nanda, DMD, MS;^a Todd K. Rowe, DMD, MPH

^aDepartment of Orthodontics and Pediatric Dentistry, The University of Michigan Dental School, Ann Arbor, Michigan 48109-1078

ABSTRACT

Analysis of deep bite and open bite subjects demonstrates differences in the timing of growth of various vertical facial dimensions.

Dr. Nanda is a Professor in the Department of Orthodontics and Pediatric Dentistry at the University of Michigan, Ann Arbor. He holds the degrees DMD, BDS and a MS from Ohio State University

Dr. Rowe is a graduate student and clinical instructor in the Department of Orthodontics and Pediatric Dentistry of the University of Michigan. He holds the degrees DMD and MPH from Harvard University

KEY WORDS: Pubertal growth spurt, Open bite, Deep bite, Dysplasia.