

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

The Angle Orthodontist: Vol. 61, No. 1, pp. 43-48.

Skeletal asymmetry in esthetically pleasing faces

Sheldon Peck, DDS, MScD;^a Leena Peck, DMD, MSD; Matti Kataja, PhD

^a1615 Beacon Street, Newton, MA 02168

ABSTRACT

An x-ray cephalographic method was used to analyze 52 exceptionally well-balanced white adult faces for skeletal asymmetry in the posteroanterior (PA) projection. Three frontal facial lines were constructed using bilateral skeletal landmarks: latero-superior orbit (LO), lateral zygoma (Zyg), and gonion (Go). All subjects demonstrated measurable asymmetries. Data showed less asymmetry and more dimensional stability as the cranium is approached. A slight tendency toward right-side dominance was not statistically significant.

S. Peck is with the Department of Orthodontics, Harvard School of Dental Medicine, Boston, Mass

L. Peck is with the Department of Orthodontics, Harvard School of Dental Medicine, Boston, Mass

M. Kataja is with the National Public Health Institute, Helsinki, Finland

KEY WORDS: Facial asymmetry, Face, Cephalometry, Esthetics.

[©] Copyright by E. H. Angle Education and Research Foundation, Inc. 1991