today's chiropractic

A Chiropractic Victory For Randy Jackson
Everything you wanted to know about clinic location, design and equipment.
Disability Evaluations by Dennis Semlow, D.C.
Outlining the atlas transverse process should be done accurately and scientifically.

**ATLAS TRANSVERSE CONTACT**

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To accurately outline the atlas transverse processes, all three dimensions must be observed and studied. The lateral, nasium, and vertex positions are used to relate the size, shape, and position of the transverse process to the lateral masses (Figure 1).

**Dry Specimens and X-Rays**

We use the nasium to relate the vertical height, if they are in the center, upper, or lower areas relative to the lateral masses (Figure 2).

We use the vertex to relate the horizontal width and determine if they are in the center, toward the posterior or anterior, relative to the lateral masses (Figure 3).

We find there is a wide margin of variances of transverse processes from one atlas vertebra to another and from one side of the atlas, relative to the opposite side. We find some atlas transverse processes are almost vertical and some are almost horizontal (Figure 4).

When the atlas transverse process is close to the mastoid, posterior vector adjusting is difficult but anterior vector adjusting is easy (Figure 5). When the atlas transverse process is close to the ramus of the mandible, anterior vector adjusting is difficult but posterior vector adjusting is easy. When the atlas transverse process is inferior or caudal to the mastoid process, vertical vector adjusting is difficult but non-vector adjusting is easy.

The doctor's adjusting program may be correct and highly efficient, but due to difficult or aberrant anatomical positioning of the atlas transverse process, the post x-ray and patient results may be less than desired.

The atlas doctor should be aware of the possible difficulty confronting him and the patient before beginning the chiropractic health service.

**Conclusions**

When the doctor of chiropractic outlines or landmarks the atlas transverse process, it should be done in detail, accurately and scientifically.

About the author: Dr. Roy W. Sweat, a graduate of Palmer College, is a regular contributor to TODAY'S CHIROPRACTIC. An assistant professor at Life Chiropractic College, Dr. Sweat has designed a chiro-
practic adjusting instrument and also a series of attachments for x-ray machines and the orthogonal adjusting tables.

Accurately outlining the atlas transverse processes demands a study of all three dimensions.