

## Interesting Anomalous 9th Rib Formation with Scoliosis



Figure 1

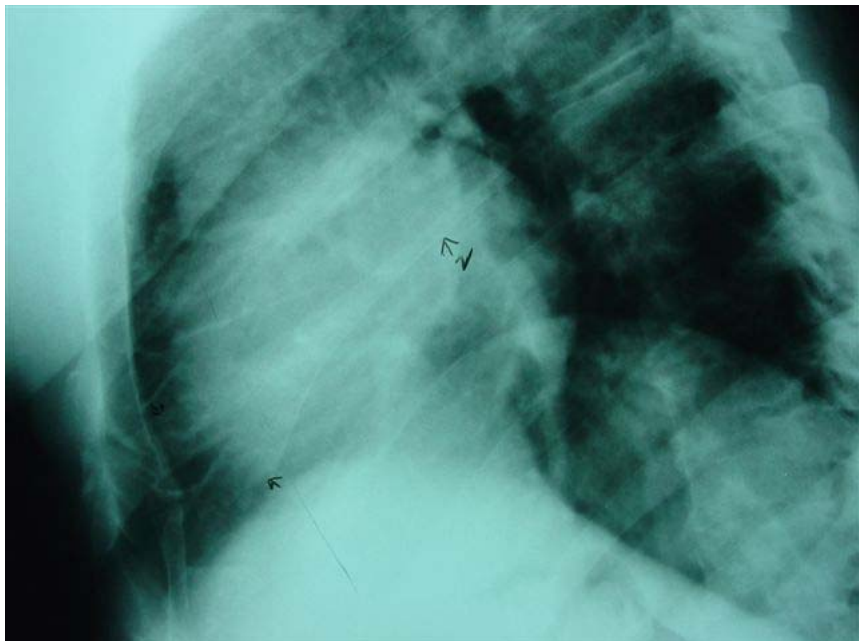


Figure 2

Figures 1 and 2 are of a 54-year-old, white, married male who complains of right T3 through T8 pain. Palpation reveals this pain to be in the costo-vertebral articulations of the spine and a right scoliosis is noted.

The x-ray figure 1 shows the right scoliosis and please note the left T8-T9 costo-vertebral articulations. The ninth rib articulates with both the T8 and T9 demifacet of the vertebra. Figure 2, the lateral thoracic spine at the arrows, shows a bifid ninth rib at the anterior chest wall to insert into the costal cartilage at the sternum. Note also at the number 2 the thin rib as compared to the adjacent segments.

This anomalous formation was responsible for the marked pain this patient experienced on attempted postero-antero thrust adjusting in the mid thoracic spine. This patient did respond to long Y-axis decompression adjusting and was well in 2 visits.

Another example of why patients cannot tolerate high velocity low amplitude thrust adjusting, but do respond well to decompression adjusting.

Respectfully submitted,

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