

*6<sup>th</sup> Annual ICEOS  
Dublin, Ireland  
November 15-16, 2012*

# **Iatrogenic Fused Ribs and Progressive Early Onset Scoliosis Treated with VEPTR'S**

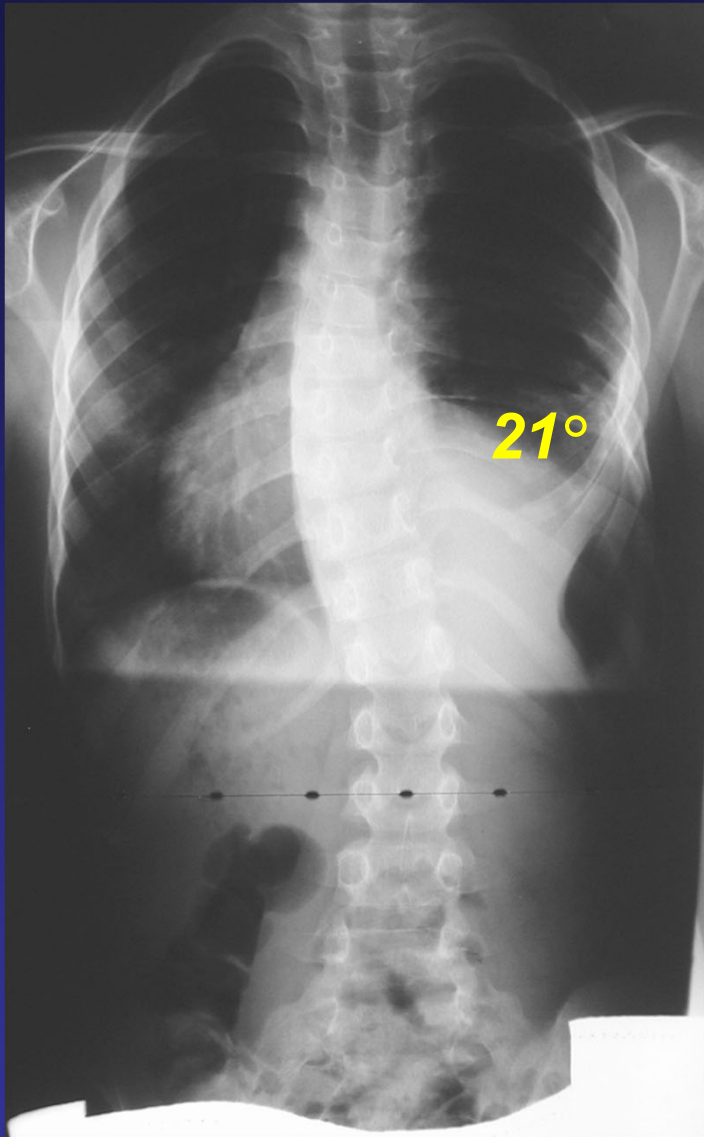
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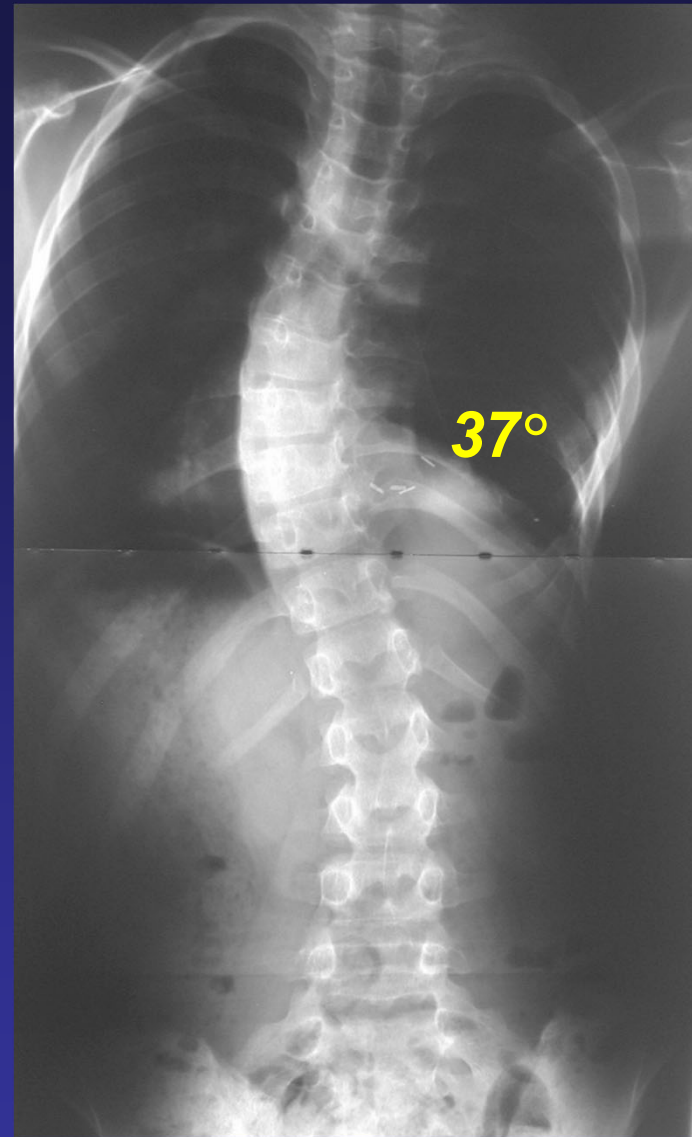
# Case Report

**7 year old male with EOS secondary to right congenital diaphragmatic hernia. Initial repair at birth followed a patch revisions at 4 months and 8 years of age. Evaluation at 7 years of age revealed left thoracic scoliosis due to two pair of fused ribs from previous thoracotomies.**



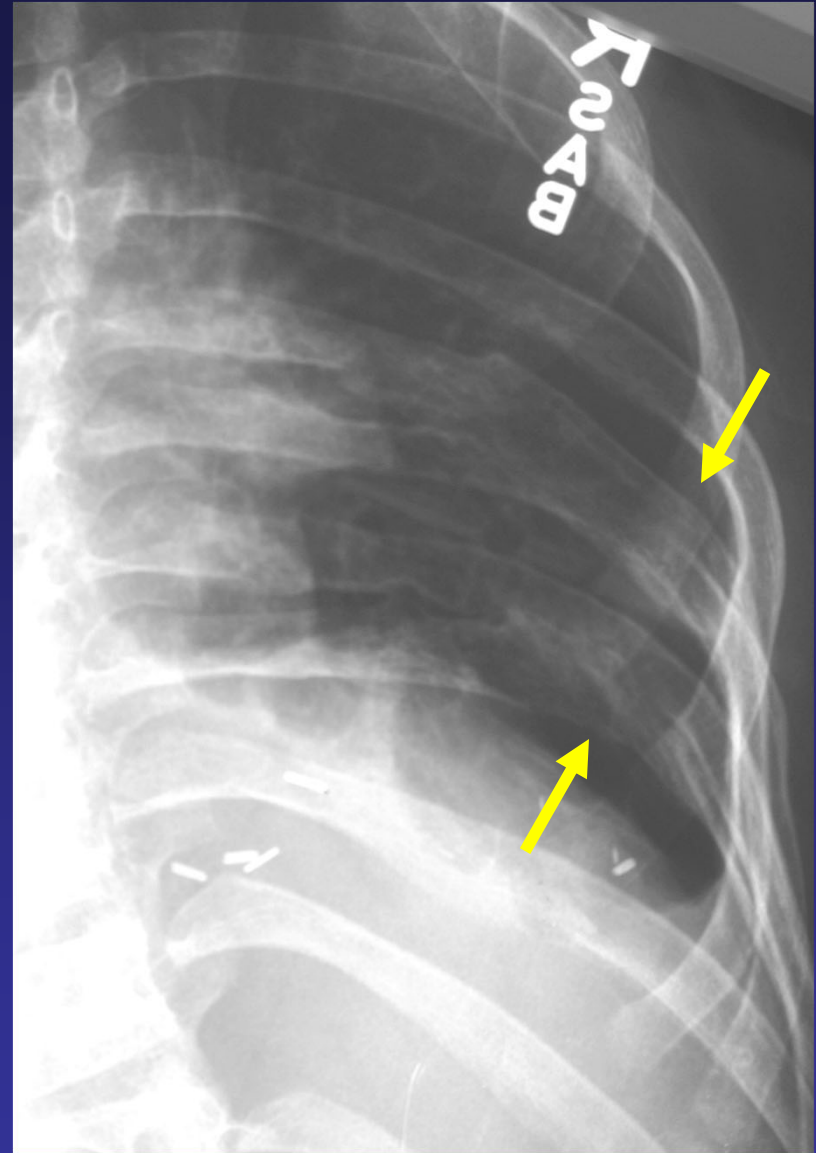
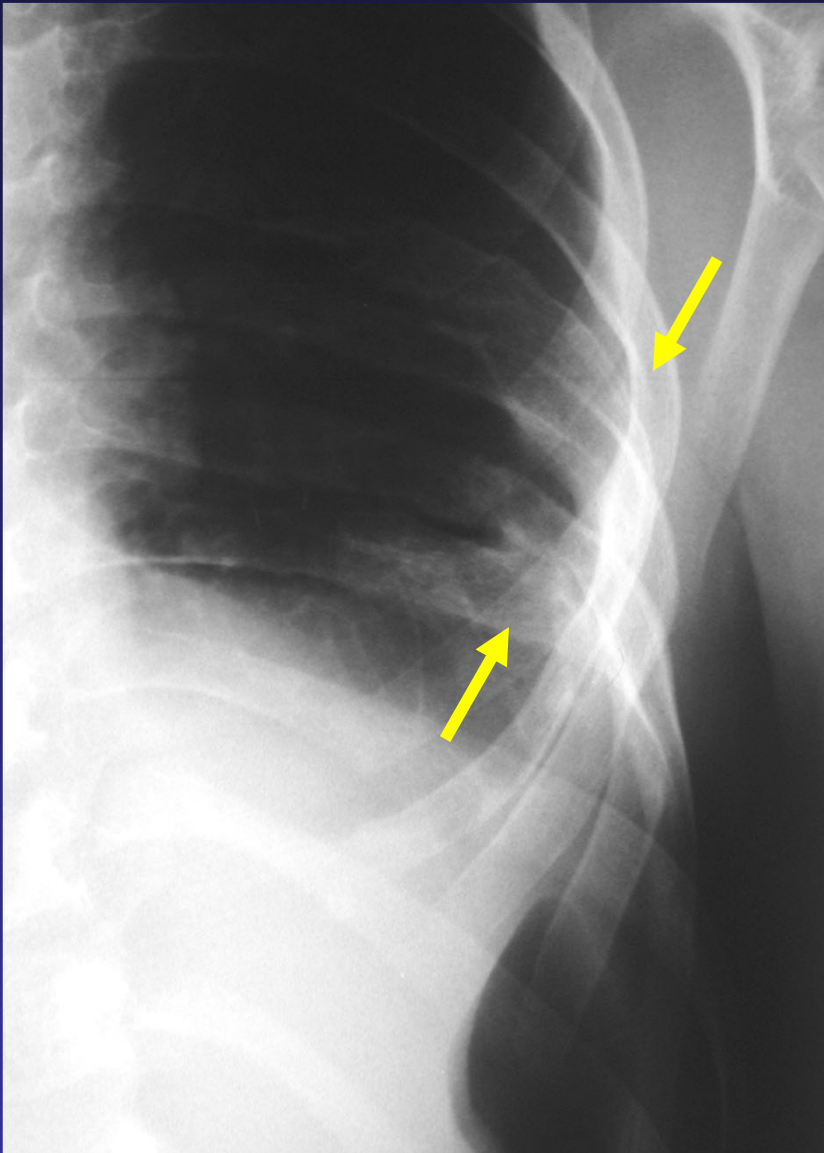


**7+0 yrs**  
**3-03**



**10+4 yrs**  
**7-06**





***Two pair of fused ribs***

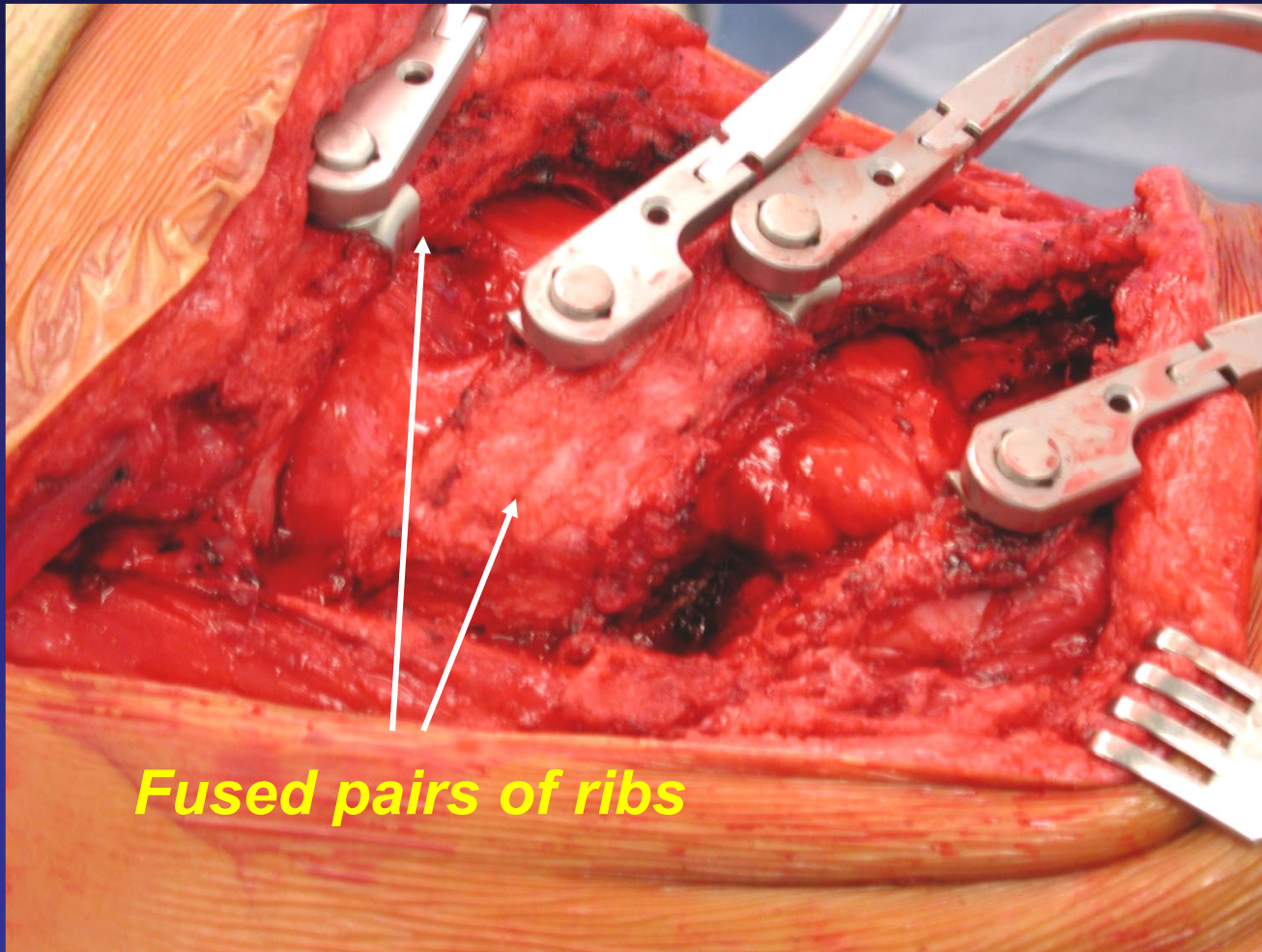




**10+4 yrs Intraop. positioning 7-06**



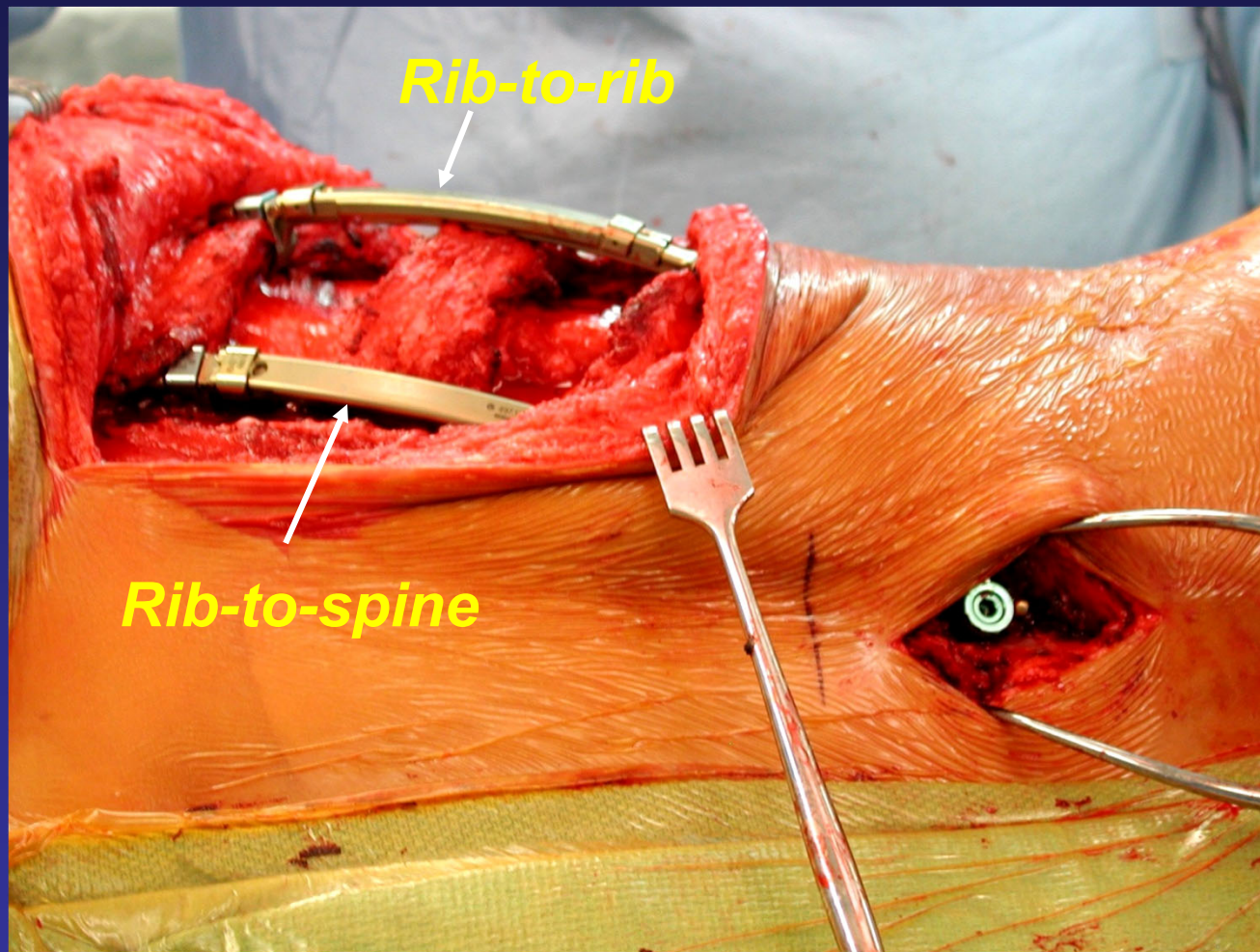




*Fused pairs of ribs*

*Double thoracotomy*

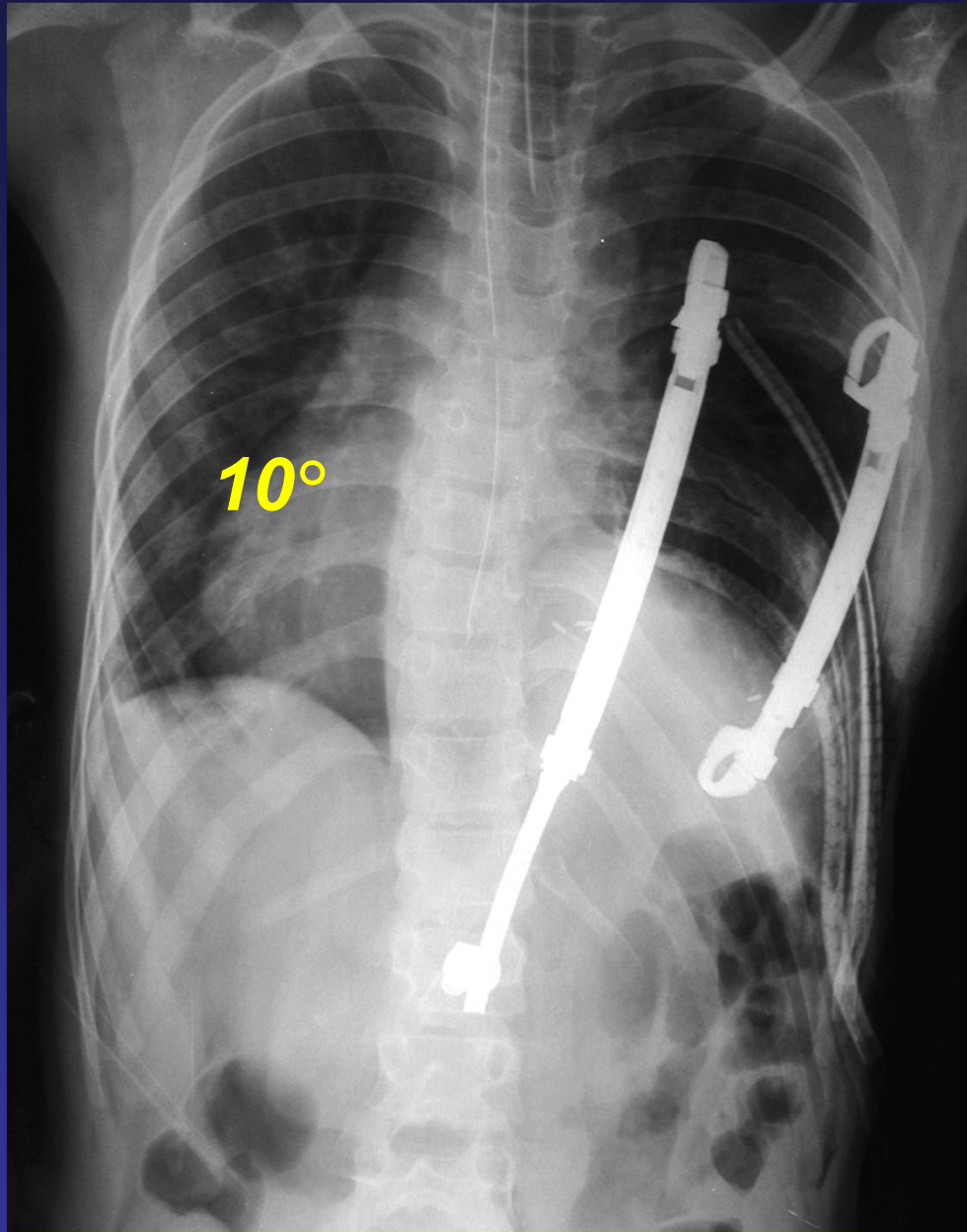




***Insertion of dual VEPTR's***



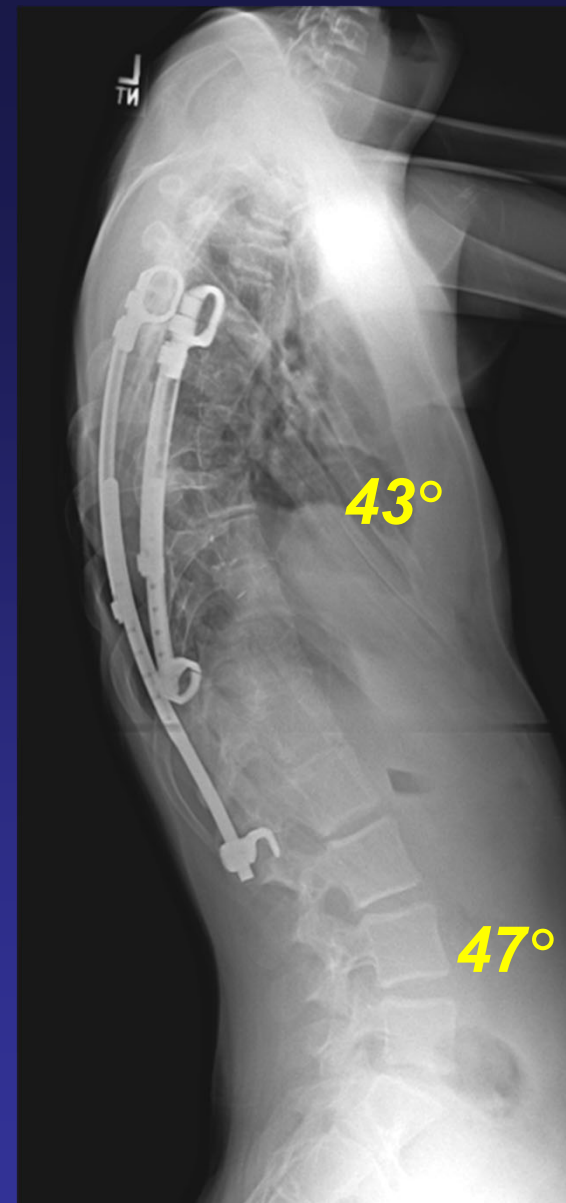
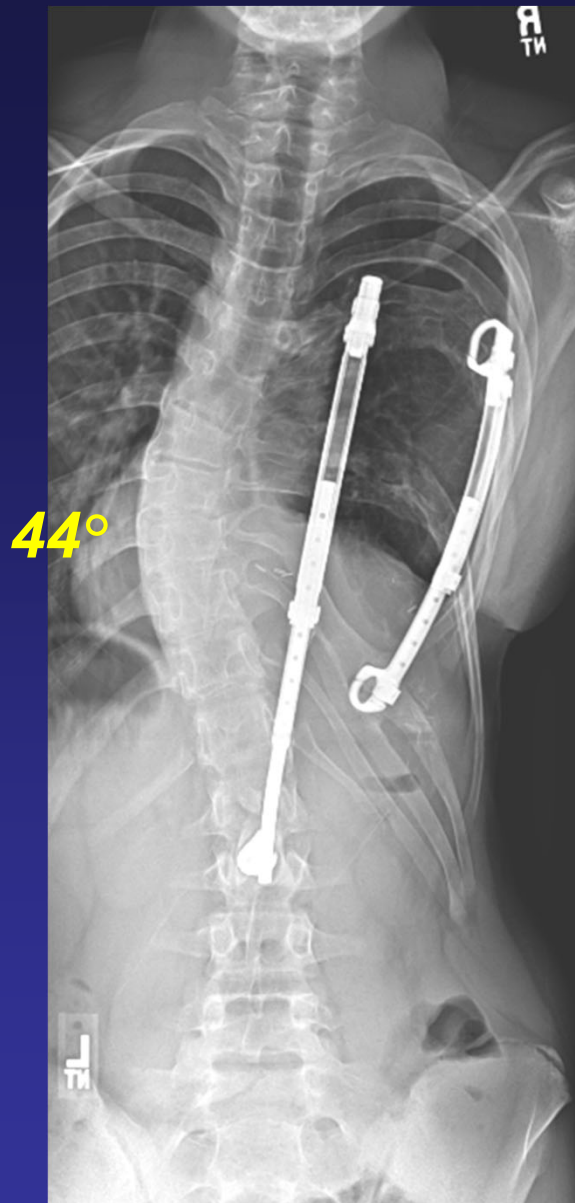




***Immediate postop. radiograph***

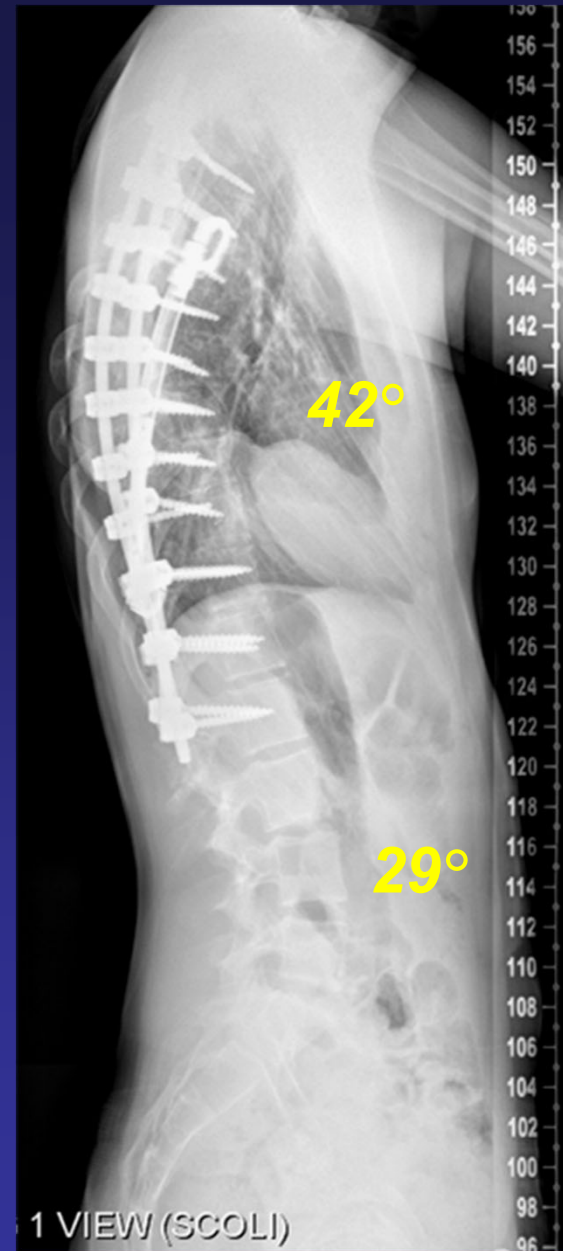






***Preop. final fusion following 6 lengthenings 4-11***





**16+0 yrs One year postop 4-12**



# Case Points

**VEPTR is useful in progressive EOS  
caused by iatrogenic fused ribs**

**Retention of rib-to-rib VEPTR at final  
fusion aids in continued support of  
the chest wall deformity**





