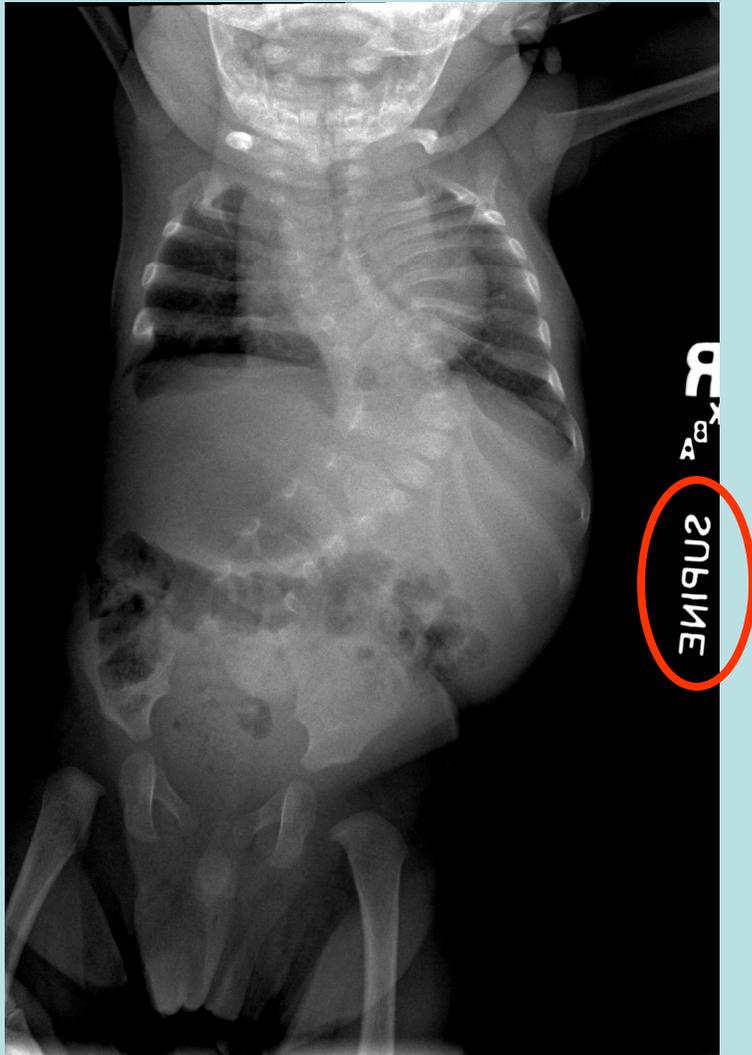


J.W. severe congenital
scoliosis

3 mo male

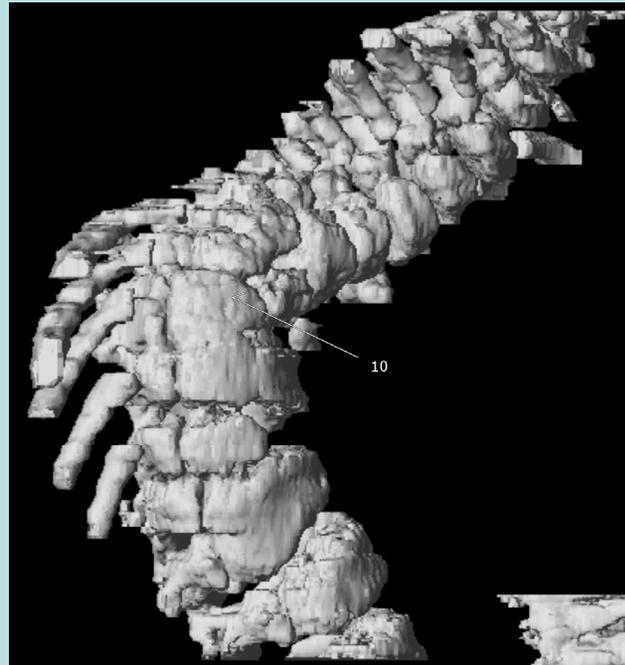
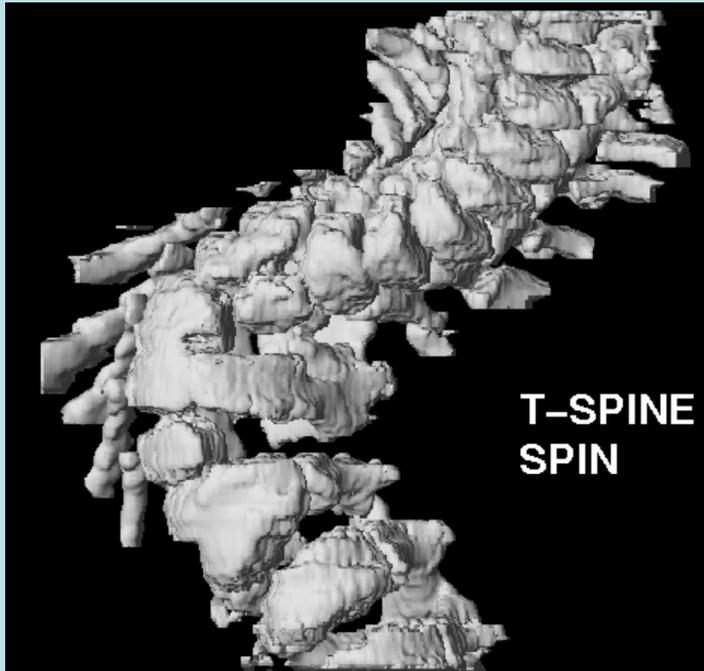


9 mo

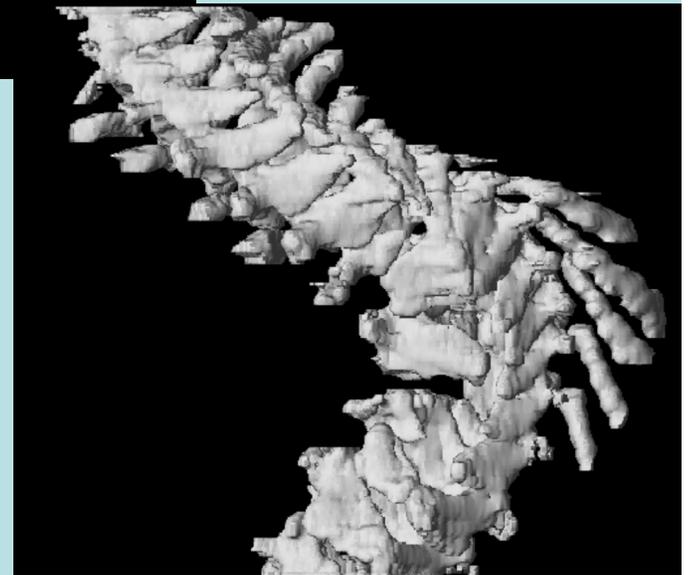


Otherwise normal

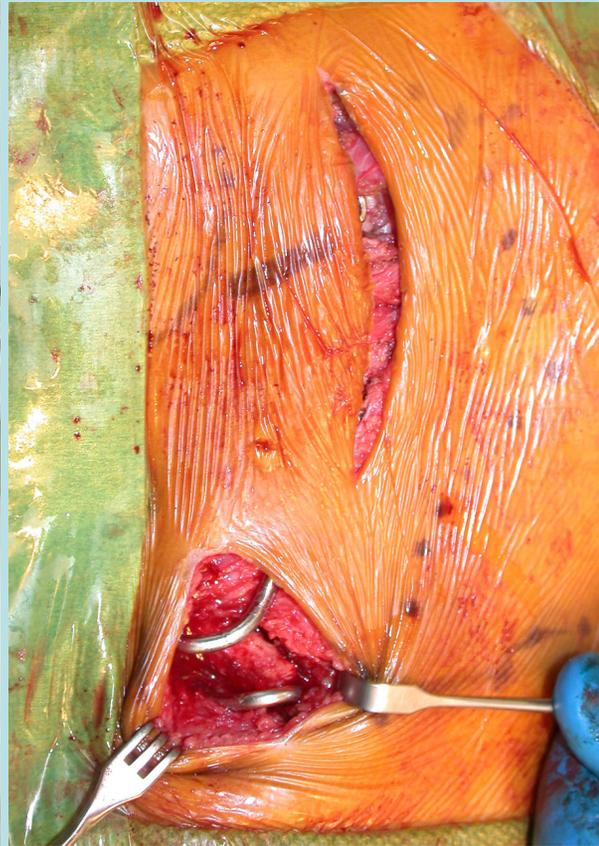
Desperate measures indicated



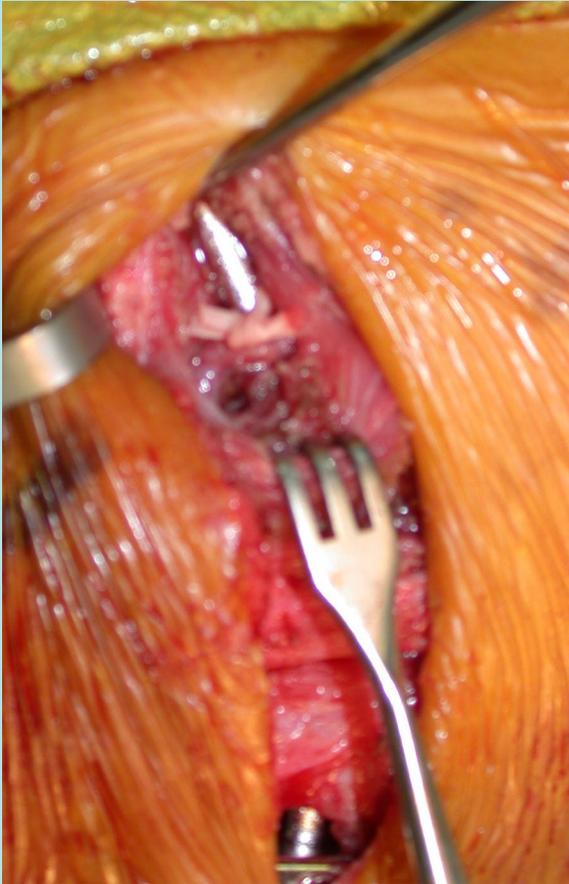
3 hemis
MRI normal



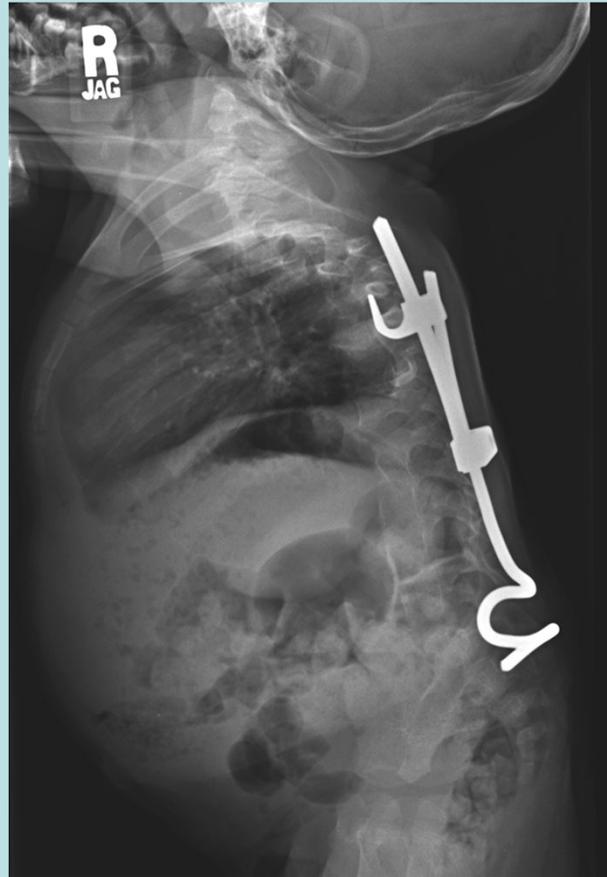
Home-made rib-pelvis - standard veptr too prominent in < 1 yr old



Mersilene tape
to secure rod to
next higher rib

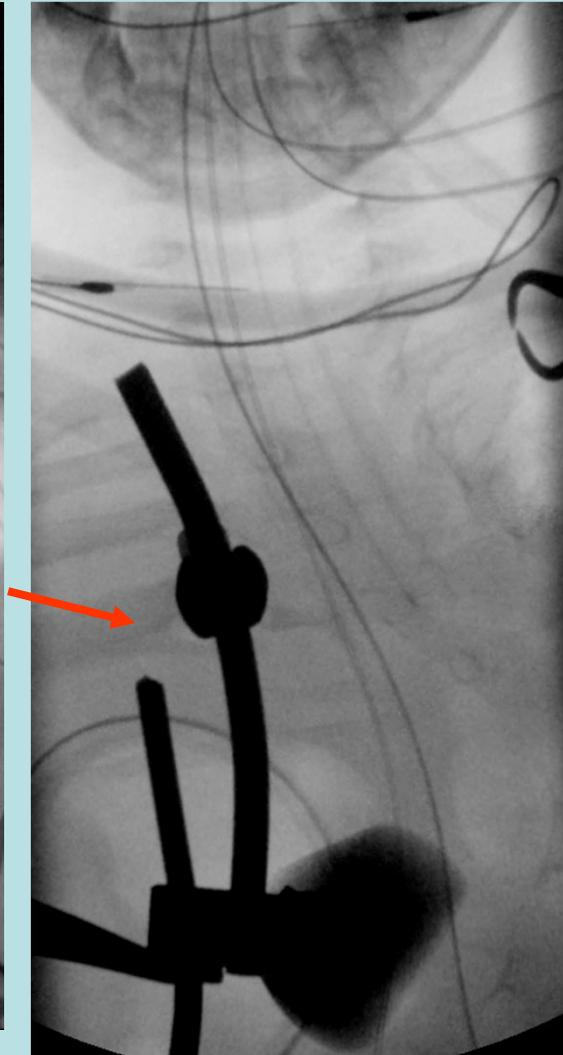
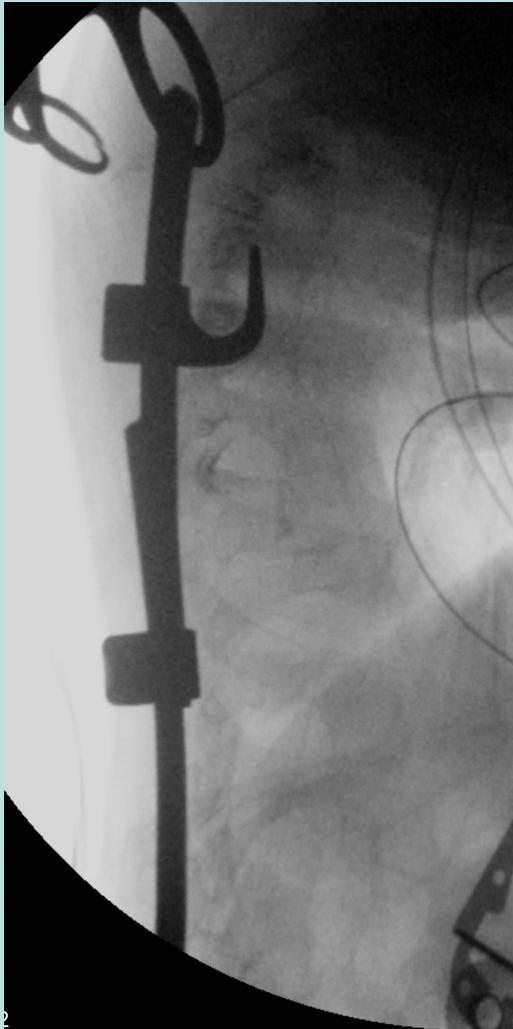


Age 1 yr - no f/u



? Need: 2nd device (spine)
hemi resection(s)

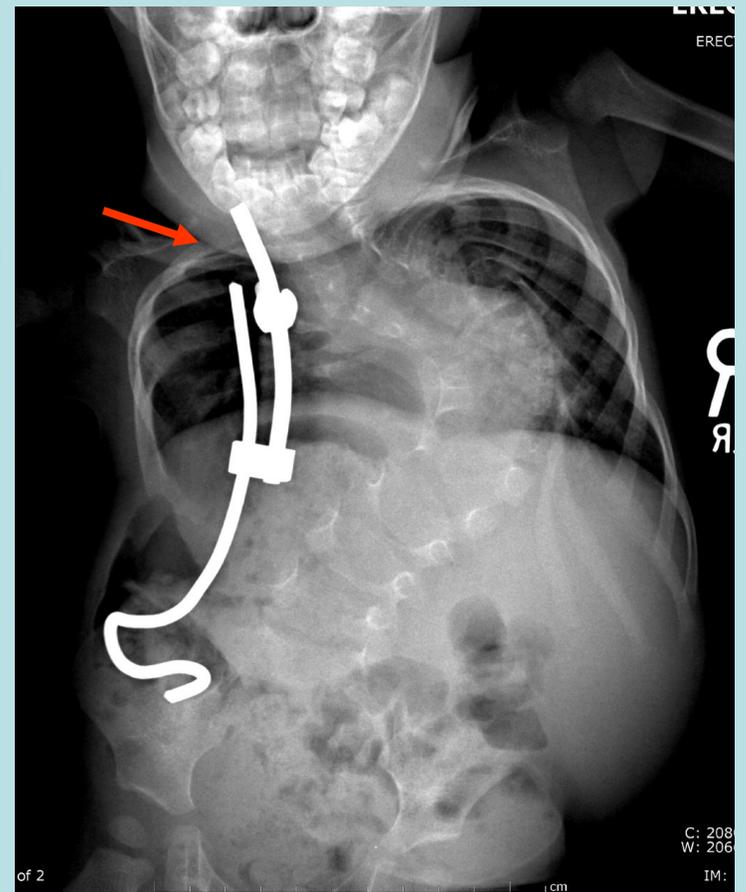
Lengthen #1 3 mo later



Current status- 6 mo

? Insert 2nd device

? Convex hemi resection

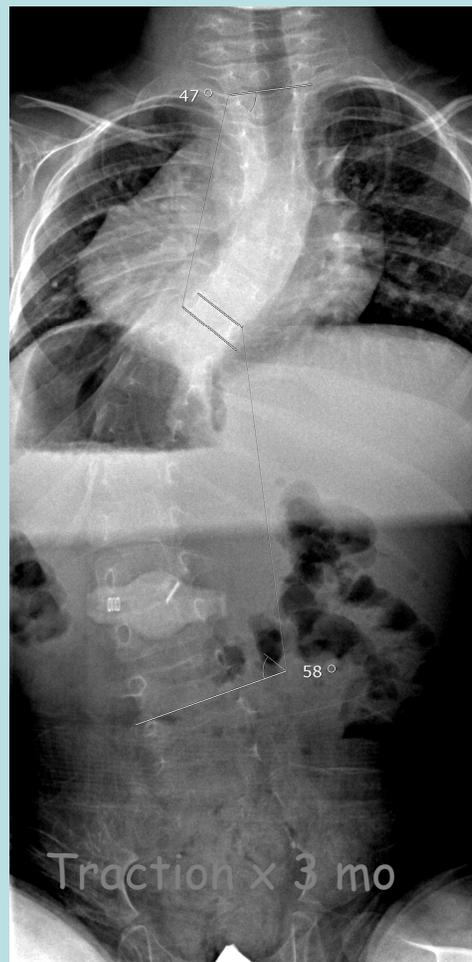
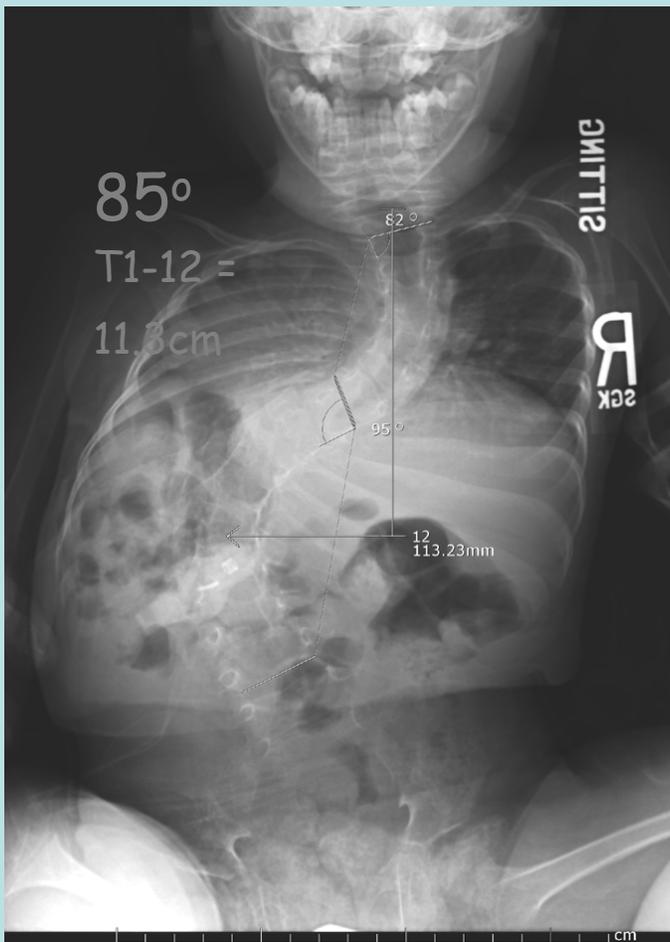


Pelvic fixation in EOS ?

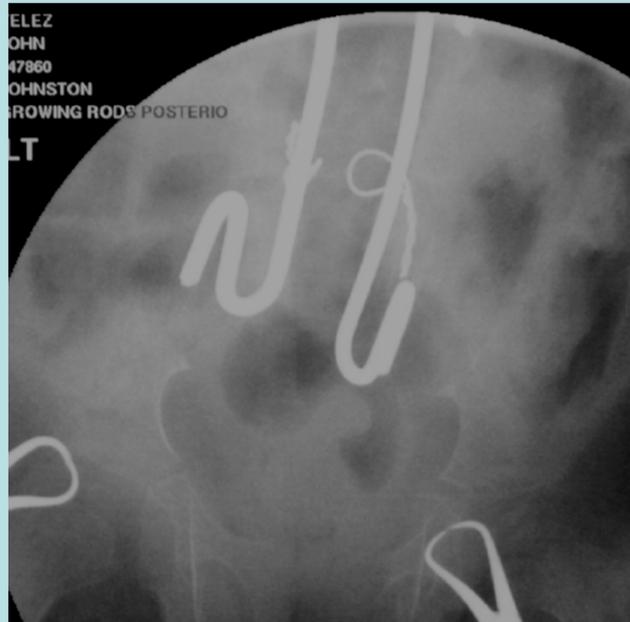
- S rods over ilium
- S rods on sacral ala
- Iliac screws
- Role of deformity stiffness



Custom Dunn-McCarthy rods (3.5mm K-wires) 2 yo with SMA infantile onset

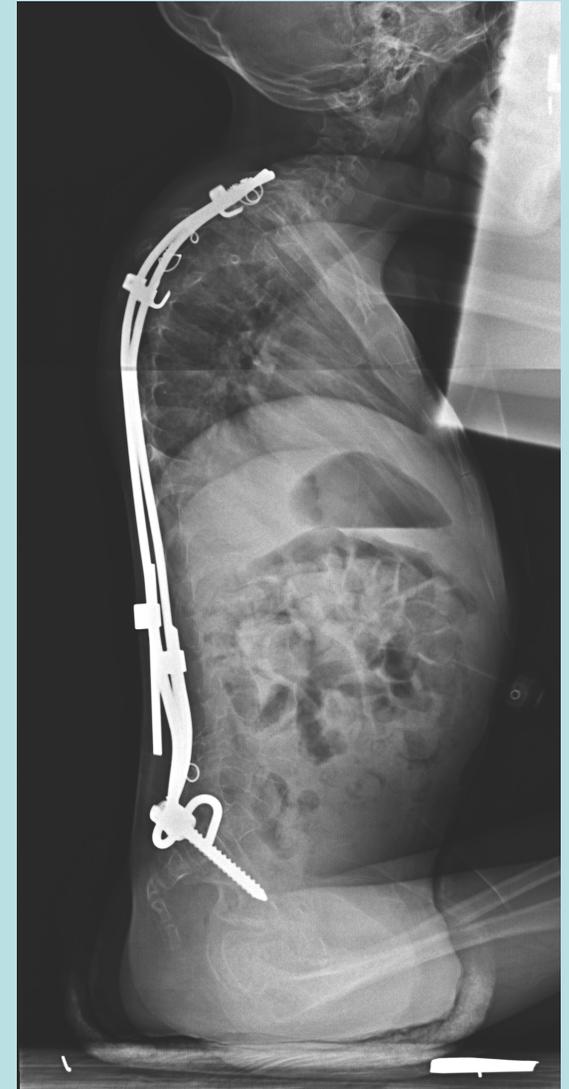
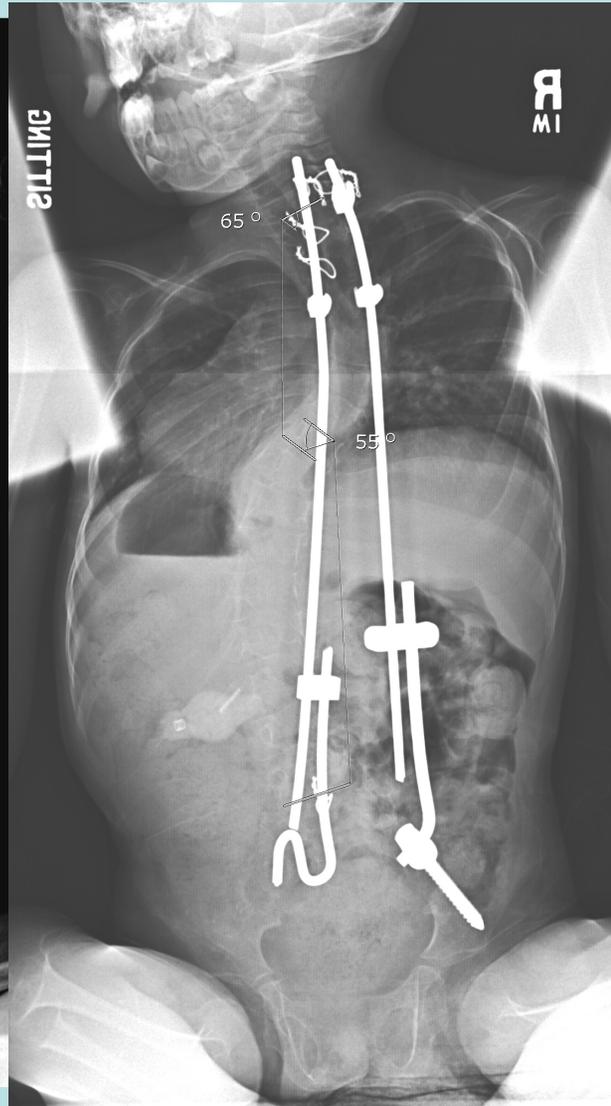
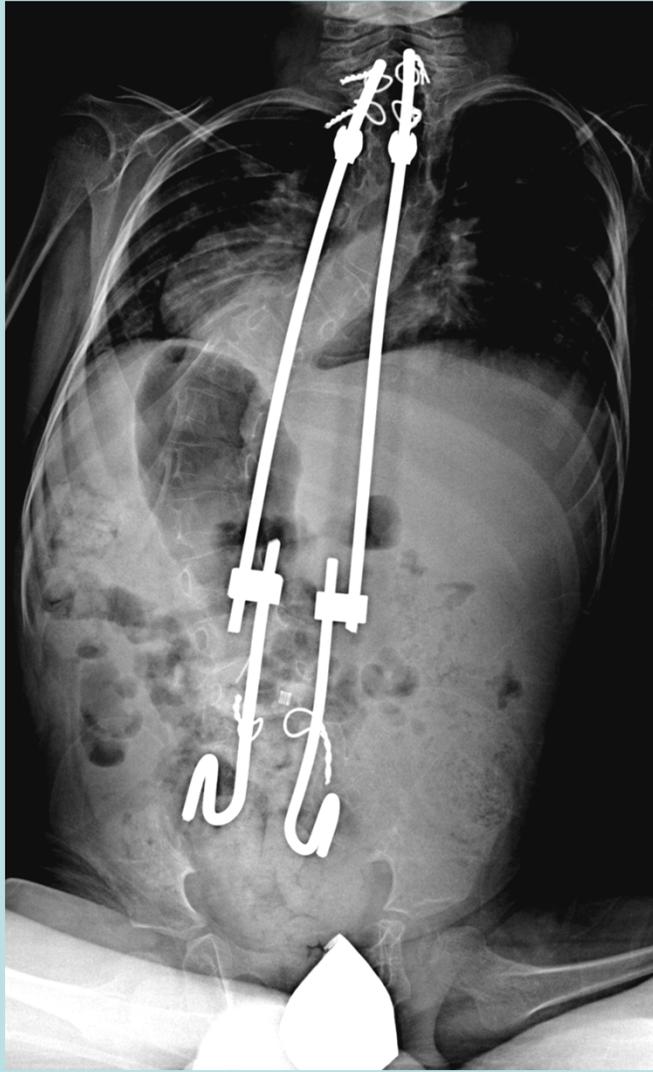


Distract - soft SMA sacral ala

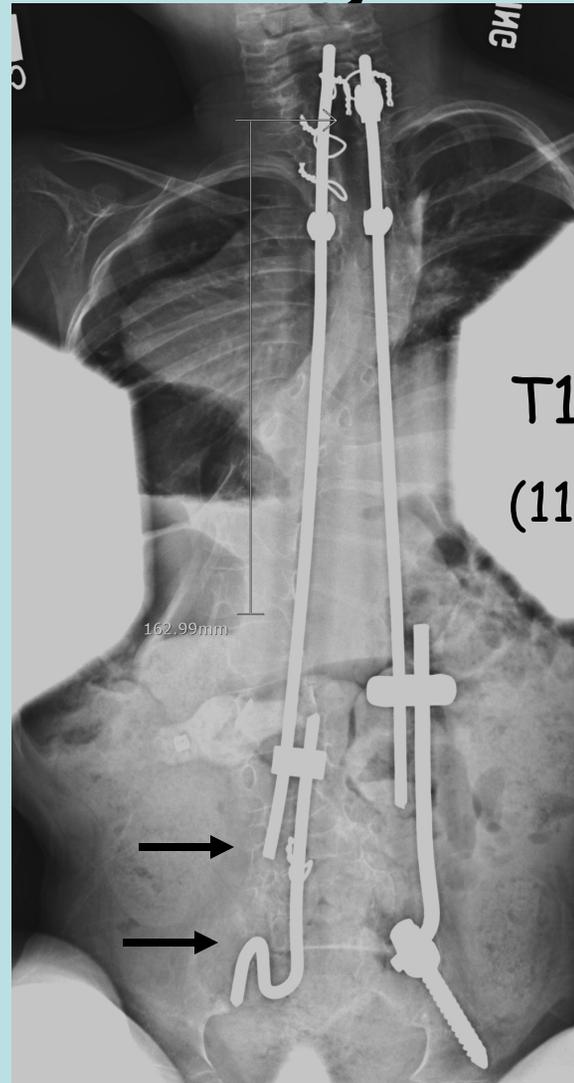
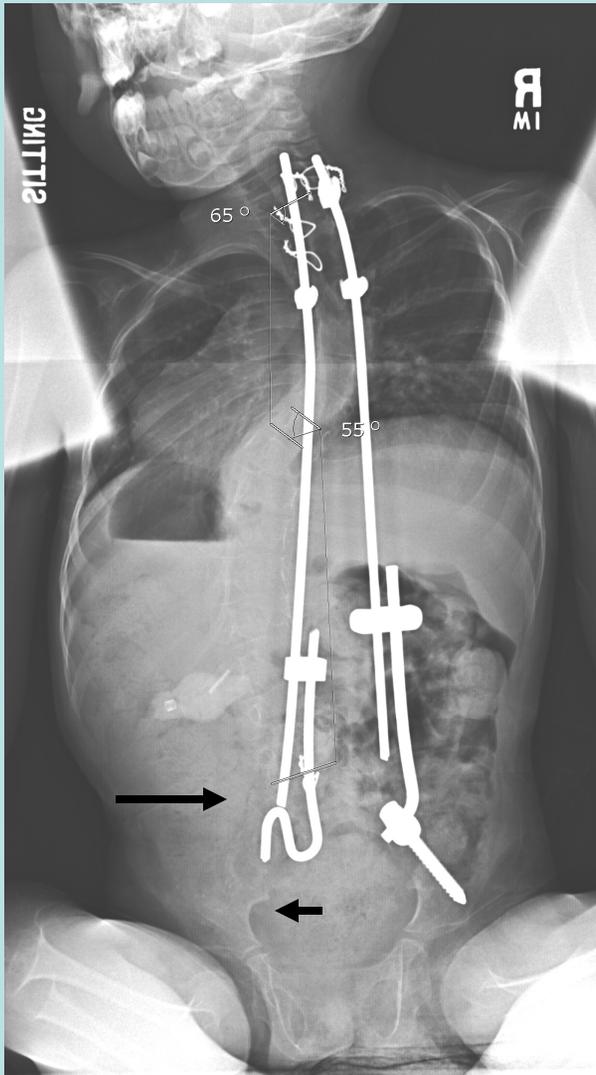


Next scheduled
lengthening

Subsidence → revision



? Subsidence on left rod with lengthening



T1-12 = 16.3 cm
(11.3 cm at start)