

Casting / Traction Rebuttal



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Not so much a rebuttal – more a
‘shot across the bow’

Halo Gravity Traction and Casting /
Traction techniques have a vital place
in the management of stiff EOS curves ...

HOWEVER

Traction Rebuttal

- **Compliance / Tolerance problems (child ability to co-operate)**
 - **Complicated apparatus (day / night)**
 - **Prolonged hospital stay ?**
 - **Skull fixation (osteopenia / multiple fixation)**
 - **Pelvic fixation (Visceral injuries described)**
 - **Cervical spine difficulties (pain can limit ability to obtain correction)**
 - **Neurological complications (rare but can be permanent)**
- Emans et al SRS Edinburgh 2007

Casting Rebuttal

- Tolerance for serial casts **CHILD**  teenager
- Decreasing return with repeated casts
- Difficult to cast syndromic (ie PWS) or malnourished patients
- Cast syndrome
- Skin pressure / soiling issues
- Respiratory problems (marginal PFT's)
- Feeding difficulties (PEG)
- Little evidence that serial casting modifies the disease

Goldberg et al Spine 2003 Oct 15; 28(20): 2397 - 406

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