



SPINAL INJURY APPENDICES:

Appendix 1

Concern for spine injuries:
<p><u>Compression fracture with one of the following:</u></p> <ul style="list-style-type: none">• ≥ 50% vertebral body height loss• ≥ 20 degrees traumatic kyphosis• ≥ 50% canal encroachment• ≥ 3.5 mm of anterolisthesis• Facet involvement• ≥ 3 contiguous vertebral bodies• Cervical fracture <p><u>Two-column/Three-column injury including the following:</u></p> <ul style="list-style-type: none">• Burst fracture• Chance fracture• Fracture dislocation injury <p><u>PLC injury suggested on CT:</u></p> <ul style="list-style-type: none">• Widened interspinous space• Avulsions and transverse fractures of SP or articular facets• Widened or dislocated facet joints• Vertebral body translation or rotation

Appendix 2

Sign of neurologic deficit:
<ul style="list-style-type: none">• Weakness• Paresthesias• Bowel or bladder incontinence• Saddle Anesthesia

Appendix 3

Brace recommendations:
<p><u>Brace for:</u></p> <p>Any vertebral body fracture 3 or more TP or SP fractures Intractable pain</p> <ul style="list-style-type: none">• T1 - T5 → Miami J with thoracic extension• T6 - L2 → Off the shelf TLSO• L3 - L5 → Off the shelf LSO