

Supplemental Table 1. Disease scoring table. The disease score is represented as the total number of points divided by the total points possible for the measures completed by the therapists.

| Range of Motion | | | Spinal Decreased Passive ROM | | | Cervical- MF restrictions | | | Women ONLY | | |
|----------------------------|----------------|---|------------------------------|-------------|---|---|---------------------------------|---|------------|------|---|
| Trunk Flexion | 80 | 0 | Hip Left Flexion | 125 | 0 | Spinal Decreased Passive ROM | None | 0 | Vaginal | none | 0 |
| 60-79 | 1 | | | 94-124 | 1 | Sum of positives 0-1 positive vertebrae | 1 area | 1 | Introitus | mild | 1 |
| 40-59 | 2 | | | 63-93 | 2 | for Cervical, Thoracic, 2-4 positive | 2-3 areas | 2 | moderate | 2 | |
| 39 or lower | 3 | | | 62 or lower | 3 | Lumbar & Sacrum 5-10 positive | 4 or more areas | 3 | severe | 3 | |
| | | | | | | 11 or more positive | | | | | |
| Trunk Extension | 25 | 0 | Hip Left Extension | 30 | 0 | | | | | | |
| 19-24 | 1 | | | 23-29 | 1 | | | | | | |
| 13-18 | 2 | | | 15-22 | 2 | | | | | | |
| 12 or lower | 3 | | | 14 or lower | 3 | | | | | | |
| Trunk Left sidebending | 45 | 0 | Hip Left Abduction | 45 | 0 | Coccyx position/ mobility | Normal | 0 | | | |
| 34-44 | 1 | | | 34-44 | 1 | positive/dysfunction | 1 | | | | |
| 23-33 | 2 | | | 23-33 | 2 | | | | | | |
| 22 or lower | 3 | | | 22 or lower | 3 | Cervical longitudinal glide | normal | 0 | | | |
| Trunk Right sidebending | 45 | 0 | Hip Left External Rotation | 60 | 0 | | mild | 1 | | | |
| 34-44 | 1 | | | 45-59 | 1 | | moderate | 2 | | | |
| 23-33 | 2 | | | 30-44 | 2 | | severe | 3 | | | |
| 22 or lower | 3 | | | 29 or lower | 3 | Cervical decreased side glide | None | 0 | | | |
| Trunk L rotation | 45 | 0 | Hip Left Internal Rotation | 40 | 0 | | left or right (1-2 segments) | 1 | | | |
| 34-44 | 1 | | | 30-39 | 1 | Sum sections: upper/lower/left/right | 3 or 4 segments | 2 | | | |
| 23-33 | 2 | | | 20-29 | 2 | | 5 or more OR throughout | 3 | | | |
| 22 or lower | 3 | | | 19 or lower | 3 | | | | | | |
| Trunk R rotation | 45 | 0 | Hip Left Single Leg Raise | 90 | 0 | Biomechanical hypomobility | | | | | |
| 34-44 | 1 | | | 68-89 | 1 | Left leg | External rotation | 0 | | | |
| 23-33 | 2 | | | 45-67 | 2 | | Neutral | 1 | | | |
| 22 or lower | 3 | | | 44 or lower | 3 | | Internal rotation | 2 | | | |
| Trunk General Listening | Negative | 0 | Hip Right Flexion | 125 | 0 | | | | | | |
| | Positive (any) | 1 | | 94-124 | 1 | Pelvis | No dysfunction | 0 | | | |
| | | | | 63-93 | 2 | | Any 1 positive | 1 | | | |
| | | | | 62 or lower | 3 | | Any 2 positive | 2 | | | |
| | | | | | | | 3 or more positive | 3 | | | |
| Cervical Flexion | 60 | 0 | Hip Right Extension | 30 | 0 | Squish test | Negative | 0 | | | |
| 45-59 | 1 | | | 23-29 | 1 | | positive/ any dysfunction noted | 1 | | | |
| 30-44 | 2 | | | 15-22 | 2 | Slump test | Negative | 0 | | | |
| 29 or lower | 3 | | | 14 or lower | 3 | | positive/ any dysfunction noted | 1 | | | |
| Cervical Extension | 45 | 0 | Hip Right Abductio | 45 | 0 | Thomas hip flex | Negative | 0 | | | |
| 34-44 | 1 | | | 34-44 | 1 | | positive/ any dysfunction noted | 1 | | | |
| 23-33 | 2 | | | 23-33 | 2 | SLR | Negative | 0 | | | |
| 22 or lower | 3 | | | 22 or lower | 3 | | positive/ any dysfunction noted | 1 | | | |
| Cervical Left sidebending | 45 | 0 | Hip Right External Rotation | 60 | 0 | Cranial- dural tube mobility | Normal | 0 | | | |
| 34-44 | 1 | | | 45-59 | 1 | | Mild restriction | 1 | | | |
| 23-33 | 2 | | | 30-44 | 2 | | Moderate restriction | 2 | | | |
| 22 or lower | 3 | | | 29 or lower | 3 | | Severe restriction | 3 | | | |
| Cervical Right sidebending | 45 | 0 | Hip Right Internal Rotation | 40 | 0 | Cranial- osseous mobility | Normal | 0 | | | |
| 34-44 | 1 | | | 30-39 | 1 | | Mild restriction | 1 | | | |
| 23-33 | 2 | | | 20-29 | 2 | | Moderate restriction | 2 | | | |
| 22 or lower | 3 | | | 19 or lower | 3 | | Severe restriction | 3 | | | |
| Cervical Left Rotation | 80 | 0 | Hip Right Single Leg Raise | 90 | 0 | Cranial- Mastoid | Negative | 0 | | | |
| 60-79 | 1 | | | 68-89 | 1 | | positive/ any dysfunction noted | 1 | | | |
| 40-59 | 2 | | | 45-67 | 2 | | | | | | |
| 39 or lower | 3 | | | 44 or lower | 3 | | | | | | |
| Cervical Right Rotation | 80 | 0 | Hip Right Single Leg Raise | 90 | 0 | Cranial- Zygomatic arch | Negative | 0 | | | |
| 60-79 | 1 | | | 68-89 | 1 | | positive/ any dysfunction noted | 1 | | | |
| 40-59 | 2 | | | 45-67 | 2 | | | | | | |
| 39 or lower | 3 | | | 44 or lower | 3 | | | | | | |