## POSTURE IN CURRENT SEATING SYSTEM

### Pelvis
- **Tilt (Side View)**
  - Neutral
  - Posterior
  - Anterior

- **Obliquity (Frontal View)**
  - Neutral
  - Lowered by: Left ↓

- **Rotation (Top View)**
  - Neutral
  - Left
  - Right Forward

### Trunk
- **Anterior / Posterior**
  - Neutral
  - Thoracic Kyphosis
  - Lumbar Lordosis

- **Scoliosis (Frontal View)**
  - Neutral
  - Convex Left
  - Convex Right

- **Rotation (Top View)**
  - Neutral
  - Left Forward
  - Right Forward

### Hips
- **Thigh to Trunk Angle**
  - Left:
  - Right:
  - Degrees

### Thigh-Lower Leg Angle
- **Left:**
- **Right:**
- Degrees

### Knees and Feet
- **Cervical Curve (Side View)**
  - Neutral
  - Flexion
  - Extension
  - Cervical Hyperextension

### Head and Neck
- **Cervical Curve (Frontal View)**
  - Neutral
  - Flexion
  - Extension

### Upper Limbs
- **Shoulder Positioning**
  - Level
  - Arm support
  - No support

- **Elbow and Forearm Position**
  - Arm flexion: (0°-150°)
  - Supination: (0°-90°)

### Summary / Comments:

- [ ] Consent Obtained
- [ ] Photo Taken

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*Illustrations used with permission from Michael Babinec, 2004 and Jean Anne Zollar, 1996, adapted by Charisse Turnbull (2008)*

*Key Search Words: ACI Seating Detailed MAT Assessment*
**SUPINE (ON PLINTH) MAT ASSESSMENT**

<table>
<thead>
<tr>
<th>ASSESSMENT FOR:</th>
<th>DATE:</th>
<th>Problems / Comments</th>
</tr>
</thead>
</table>

### Pelvis
- **Tilt**
  - Neutral
  - Posterior
  - Anterior
  - Fixed
  - Flexible
  - Corrects with Effort (to neutral / partial correction)

- **Obliquity**
  - Neutral
  - Left
  - Right
  - Lowered by:
    - Fixed
    - Flexible
    - Corrects with Effort (to neutral / partial correction)

- **Rotation**
  - Neutral
  - Left Forward
  - Right Forward

### Anterior / Posterior
- **Scoliosis**
  - Neutral
  - Convex L
  - Convex R
  - Apex at:
    - Fixed
    - Flexible
    - Corrects with Effort (to neutral / partial correction)

- **Rotation**
  - Neutral
  - L Forward
  - R Forward

### Trunk
- **Rotation**
  - Neutral
  - Thoracic Kyphosis
  - Lumbar Lordosis
  - Lumbar C-Curve Flattening
  - Fixed
  - Flexible
  - Corrects with Effort (to neutral / partial correction)

### Lower Extremities
#### Angles
- **Range of Motion OR**
- **Reported Observations**

<table>
<thead>
<tr>
<th>Angles</th>
<th>Left</th>
<th>Right</th>
<th>Normal ROM</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Hip flexion with knee extension</td>
<td>0-90°</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B. Maximum hip flexion with knee bent</td>
<td>0° - 130°</td>
<td>Simulate to 90°</td>
<td></td>
</tr>
<tr>
<td>C. Trunk to thigh angle: Flex hip to 90° or a lesser angle when ASIS rolls / pelvic tilts</td>
<td>30° to 180°</td>
<td></td>
<td></td>
</tr>
<tr>
<td>D. Thigh to lower leg angle: with hip flexed at 90° or as in C, extend knee from flexion till pelvis tilt / ASIS rolls.</td>
<td>0-45°</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E. Hip Abduction in position C&amp;D</td>
<td>0-45°</td>
<td></td>
<td></td>
</tr>
<tr>
<td>F. Hip Adduction in position C&amp;D</td>
<td>0-30°</td>
<td></td>
<td></td>
</tr>
<tr>
<td>G. Hip External Rotation in position C&amp;D</td>
<td>0-45°</td>
<td></td>
<td></td>
</tr>
<tr>
<td>H. Hip Internal Rotation in position C&amp;D</td>
<td>0-45°</td>
<td></td>
<td></td>
</tr>
<tr>
<td>I. Lower leg to foot angle: positioned in C &amp; D</td>
<td>30°-135°</td>
<td></td>
<td></td>
</tr>
<tr>
<td>J. Foot inversion in position C&amp;D</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>K. Foot eversion in position C&amp;D</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Head and Neck
- **Cervical Curve**
  - Resting Posture:
    - Neutral
    - Cervical Flexion
    - Cervical Hyperextension
  - AROM
    - Flexion
    - Extension
    - Abduction
    - Adduction
    - Ext rotation
    - Int. rotation

### Shoulder PROM
- Level
- Asymmetry

### Elbow and Forearm PROM
- Elbow flexion: PROM (0° - 150°)
- Supination: PROM (0° - 90°)
- Pronation: PROM (0° - 90°)

### Wrist and Hand
- Description:

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*Page 2 of 3*
### SITTING (ON PLINTH) MAT ASSESSMENT

#### Balance
- Hands- free sitter
- Hands dependant sitter

#### Tilt (Side View)

<table>
<thead>
<tr>
<th>Pelvis</th>
<th>Anterior / Posterior</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neutral</td>
<td>Neutrid Thoracic Kyphosis Lumbar Lordosis</td>
</tr>
<tr>
<td>Fixed</td>
<td>Lumbar C-curve Flattening</td>
</tr>
<tr>
<td>Flexible</td>
<td>Corrects with Effort:</td>
</tr>
<tr>
<td>(to neutral / partial correction)</td>
<td></td>
</tr>
</tbody>
</table>

#### Obliquity (Frontal View)

<table>
<thead>
<tr>
<th>Obliquity</th>
<th>Thoracickyphosis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neutral</td>
<td>Flexion:</td>
</tr>
<tr>
<td>Lower by:</td>
<td>External Rotation:</td>
</tr>
<tr>
<td>Fixed</td>
<td>L / R</td>
</tr>
<tr>
<td>Flexible</td>
<td>Corrects with Effort:</td>
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<tr>
<td>(to neutral / partial correction)</td>
<td></td>
</tr>
</tbody>
</table>

#### Rotation (Top View)

<table>
<thead>
<tr>
<th>Rotation</th>
<th>Thoracickyphosis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Neutral</td>
<td>Neutral</td>
</tr>
<tr>
<td>L Fwd</td>
<td>L Fwd</td>
</tr>
<tr>
<td>R Fwd</td>
<td>R Fwd</td>
</tr>
</tbody>
</table>

#### Outcomes
- Accommodations / Corrections:
- Outcomes:

#### Hands dependant sitter

#### Spinal Seating Professional Development Project

Spine

#### Lower Extremites

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>Thigh-Trunk</td>
</tr>
<tr>
<td>Thigh-Lower Leg</td>
</tr>
<tr>
<td>Simulated Sitting Angles:</td>
</tr>
</tbody>
</table>

#### Hand and Neck

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Neutral</td>
</tr>
<tr>
<td>Flexion</td>
</tr>
<tr>
<td>Extension</td>
</tr>
<tr>
<td>Cervical Hyperextension</td>
</tr>
<tr>
<td>Chin poke</td>
</tr>
<tr>
<td>Fixed</td>
</tr>
<tr>
<td>Flexible</td>
</tr>
<tr>
<td>Corrects with Effort:</td>
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</tbody>
</table>

#### Neck Position (Frontal View)

<table>
<thead>
<tr>
<th>Neck Position</th>
<th>Thoracickyphosis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flexion:</td>
<td></td>
</tr>
<tr>
<td>Lat. Flexion:</td>
<td></td>
</tr>
<tr>
<td>Rotation:</td>
<td></td>
</tr>
<tr>
<td>Fixed</td>
<td></td>
</tr>
<tr>
<td>Flexible</td>
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#### Control

<table>
<thead>
<tr>
<th>Control</th>
<th>Thoracickyphosis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Independent Head Control &amp; Full ROM</td>
<td></td>
</tr>
<tr>
<td>Restricted Head Control</td>
<td></td>
</tr>
<tr>
<td>Restricted ROM:</td>
<td></td>
</tr>
<tr>
<td>Absent Head Control</td>
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</tr>
</tbody>
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#### Shoulder Positioning

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</tr>
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<tbody>
<tr>
<td>Level</td>
</tr>
<tr>
<td>Asymmetry</td>
</tr>
<tr>
<td>Describe:</td>
</tr>
</tbody>
</table>

#### Elbow and Forearm Position

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<tr>
<th>Elbow and Forearm Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Describe:</td>
</tr>
</tbody>
</table>

#### Hand and Wrist Positioning

<table>
<thead>
<tr>
<th>Hand and Wrist Positioning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Describe:</td>
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