## Duke Health Equipment and Applications

### Types of Devices and Lifts

<table>
<thead>
<tr>
<th>Friction-reducing device: Blue liners</th>
<th>Use with Patients who:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• Have BMAT mobility levels of 1, 2, 3, or 4</td>
</tr>
<tr>
<td></td>
<td>• Weigh &lt;300 lbs/136 kg</td>
</tr>
<tr>
<td></td>
<td>• Are conscious or unconscious</td>
</tr>
</tbody>
</table>

**Clinical Applications:**
- Slide patient to head of bed
- Turn patient onto side; then to back in bed
- Shift patient to center of bed
- Move from supine to sitting edge of bed
- Move from sitting edge of bed to supine
- Perform lateral transfer
- Place sling behind seated patient
- Don and doff compression hose

<table>
<thead>
<tr>
<th>Active standing device: SaraStedy (Fixed foot plate)</th>
<th>Use with Patients who:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ultramove/Quickmove (Removable foot plate)</td>
<td>• Have BMAT mobility level 3</td>
</tr>
<tr>
<td></td>
<td>• Weigh &lt;400 lbs/182 kg</td>
</tr>
<tr>
<td></td>
<td>• Follow simple commands &amp; non-combative</td>
</tr>
<tr>
<td></td>
<td>• Bear weight on at least 1 leg and maintain balance</td>
</tr>
<tr>
<td></td>
<td>• Unsteady to walk</td>
</tr>
<tr>
<td></td>
<td>• Can use at least 1 arm or hug a pillow</td>
</tr>
<tr>
<td></td>
<td>• Can pull up to stand on their own</td>
</tr>
</tbody>
</table>

**Clinical Applications:**
- Prevent falls
- Transport unsteady patients between surfaces
- Promote early mobility
- Support patient for vital signs, skin assessment, and self-care tasks
- Support unsteady patient during X-rays
- Transport post-partum mothers between surfaces

<table>
<thead>
<tr>
<th>Walking aid: Rowalker</th>
<th>Use with Patients who:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• Have BMAT mobility level 4</td>
</tr>
<tr>
<td></td>
<td>• Weigh &lt;400 lbs/182 kg</td>
</tr>
<tr>
<td></td>
<td>• Follow directions &amp; are non-combative</td>
</tr>
<tr>
<td></td>
<td>• Bear own weight and maintain balance</td>
</tr>
<tr>
<td></td>
<td>• Stand on their own and use upper body strength</td>
</tr>
</tbody>
</table>

**Clinical Applications:**
- Prevent falls
- Support patient when walking
- Promote early mobility

<table>
<thead>
<tr>
<th>Powered sit-stand lift: SaraPlus/Encore</th>
<th>Use with Patients who:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• Have BMAT mobility level 2 or 3</td>
</tr>
<tr>
<td></td>
<td>• Weigh &lt;420 lbs/191 kg</td>
</tr>
<tr>
<td></td>
<td>• Follow simple commands &amp; are non-combative</td>
</tr>
<tr>
<td></td>
<td>• Bear weight on at least 1 leg</td>
</tr>
<tr>
<td></td>
<td>• Grip with at least 1 arm or hug a pillow</td>
</tr>
<tr>
<td></td>
<td>• Are unable to stand on their own</td>
</tr>
</tbody>
</table>

**Clinical Applications:**
- Hold patient in sitting: perform nursing assessment, obtain vital signs, administer medications
- Hold patient in standing: obtain weight and vital signs, assess skin, perform self-care tasks
- Promote early mobility
- Prevent falls and injuries
- Transfer between bed, recliner, bedside commode, wheelchair, or stretcher
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## Types of Devices and Lifts

<table>
<thead>
<tr>
<th>Clinical Applications:</th>
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</thead>
<tbody>
<tr>
<td>Prevent falls or injuries during transfer</td>
</tr>
<tr>
<td>Transfer out of bed to recliner, bedside commode, or wheelchair</td>
</tr>
<tr>
<td>Obtain weight</td>
</tr>
<tr>
<td>Lift and hold legs to assist with Foley catheter insertion</td>
</tr>
<tr>
<td>Perform ADLs: eat meals in recliner &amp; reposition while sitting</td>
</tr>
<tr>
<td>Fall recovery</td>
</tr>
</tbody>
</table>

### Use with Patients who:

#### Total-assist lifts:

- **Maximove**
- **Opera / Tempo**
- **Tenor**

- Have BMAT mobility levels 1, 2, or 3
- Weigh < 440 lbs/200 kg (Opera/Tempo)
- < 500 lbs/227 kg (Maximove)
- < 704 lbs/320 kg (Tenor)
- Are conscious or unconscious
- May or may not follow simple instructions
- Require total assistance with mobility and transfer
- Can tolerate semi-reclined position

#### Ceiling lifts:

- **Maxisky 600 and Maxisky 1000**

- Have BMAT mobility levels 1, 2, or 3
- Weigh < 600 lbs/273 kg or 1000 lbs/455 kg
- Are conscious or unconscious
- May or may not follow simple instructions
- Require total assistance with mobility and transfer

**Use different slings to assist with:**

- Reposition patient in bed to reduce pressure ulcers
- Promote early mobility
- Prevent falls or injuries during transfer
- Transfer out of bed to recliner, bedside commode, or wheelchair
- Lift and hold legs to assist with Foley catheter insertion
- Perform ADLs: eat meals in recliner & reposition while sitting
- Hold limb for wound care
- Fall recovery

#### Total-assist lift:

- **Medcare car lift**

- Have BMAT mobility levels 1, 2, or 3
- Weigh < 475 lbs/216 kg
- Are conscious or unconscious
- May or may not follow simple instructions
- Require total assistance with mobility and transfer

**Transfer out of vehicle to wheelchair or stretcher**

- Transfer between wheelchair, exam/procedure table, toilet
- Hold limb for wound care

#### Total-assist lift:

- **HillRom Golvo**

- Have BMAT mobility levels 1, 2, or 3
- Weigh < 440 lbs/200 kg
- Are conscious or unconscious
- May or may not follow simple instructions
- Require total assistance with mobility and transfer
- Can tolerate semi-reclined position

**Prevent falls or injuries during transfer**

- Transfer out of vehicle to wheelchair or stretcher
- Transfer between recliner, bedside commode, or wheelchair
- Lift and hold legs to assist with Foley catheter insertion
- Perform ADLs: eat meals in recliner & reposition while sitting
- Hold limb for wound care
- Fall recovery
# Duke Health Equipment and Applications

<table>
<thead>
<tr>
<th>Types of Devices</th>
<th>Use with Patients who:</th>
<th>Clinical Applications:</th>
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</table>
| **Friction-reducing & transfer device:** Hovermatt (half or full size) & Inflator | - Have BMAT mobility levels 1, 2, 3, or 4  
- Weigh <1200 lbs/545 kg  
- Be conscious or unconscious  
- May or may not follow simple instructions  
- Require assistance to reposition on a bed, stretcher, and operation table | - Slide patient to head of bed  
- Turn patient onto side; then onto back in bed  
- Shift patient to center of bed  
- Turn from supine to prone and prone to supine  
- Transfer a supine patient laterally (full matt)  
- Transfer a seated patient (half matt) |
| **Fall recovery device:** HoverJack & Inflator | - Have BMAT mobility levels 1, 2, 3, or 4  
- Weigh <1200 lbs/545 kg  
- Be conscious or unconscious  
- May or may not follow simple instructions  
- Require assistance to transfer off the floor | - Lifts patient who has fallen off the floor  
- Use with Hovermatt to side patient to a stretcher or bed |
| **Wheelchair mover** | - Weigh < 750 lbs/341 kg including wheelchair  
- Are in a manual wheelchair  
- Require assistance to push | - Attach wheelchair mover to a manual wheelchair to transport the patient  
- Reduce force required by staff to push wheelchair |
| **LiftMate** | - Weigh < 500 lbs/227 kg  
- Can stand independently  
- Need assistance getting onto and off exam tables | - Raises patient to sit on fixed height exam table  
- Reduce falls |