## Types of Devices and Lifts

### Friction-reducing device:
- **Blue liners**
  - Have BMAT mobility levels of 1, 2, or 3
  - Weigh <300 lbs/136 kg
  - May be conscious or unconscious
  - Slide patient to head of bed
  - Turn patient onto side; then to back in bed
  - Move from supine to sitting edge of bed
  - Perform lateral transfer
  - Place sling behind seated patient
  - Don and doff compression hose

### Active Standing device
- **SaraStedy/Best Care** (Fixed foot plate)
- **Ultramove** (Removable foot plate)
  - Have BMAT mobility level 3
  - Weigh <400 lbs/182 kg
  - Follow simple commands & non-combative
  - Bear own weight and maintain balance
  - Unsteady to walk
  - Can use at least 1 arm or hug a pillow
  - Can pull up to stand on their own
  - Prevent falls
  - Transport unsteady patients between surfaces
  - Support patient when walking
  - Support unsteady patient during X-rays
  - Transport post-partum mothers between surfaces

### Walking aid
- **Rowalker**
  - Have BMAT mobility level 3 or 4
  - Weigh <400 lbs/182 kg
  - Follow directions & are non-combative
  - Bear own weight and maintain balance
  - Stand on their own and use upper body strength
  - Prevent falls
  - Support patient when walking
  - Promote early mobility

### Powered sit-stand lift
- **SaraPlus/Encore**
  - Have BMAT mobility level 2 or 3
  - Weigh <420 lbs/191 kg
  - Follow simple commands & are non-combative
  - Bear weight on at least 1 leg
  - Grip with at least 1 arm or hug a pillow
  - Are unable to stand on their own
  - 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

---

Updated July 2017
## Types of Devices and Lifts

<table>
<thead>
<tr>
<th>Total-assist lifts</th>
<th>Patients who</th>
<th>Clinical Applications</th>
</tr>
</thead>
</table>
| **Maximove**      | • Have BMAT mobility levels 1, 2, or 3  
                   • Weigh < 440 lbs/200 kg (Opera/Tempo)  
                   • Weigh < 500 lbs/227 kg (Maximove)  
                   • Weigh < 704 lbs/320 kg (Tenor)  
                   • Be conscious or unconscious  
                   • May or may not follow simple instructions  
                   • Require total assistance with mobility and transfer  
                   • Can tolerate semi-recline position | • Prevent falls or injuries during transfer  
                                             • Transfer out of bed to recliner, bedside commode, or wheelchair  
                                             • Obtain weight  
                                             • Assist with Foley catheter insertion  
                                             • Perform ADLs: eat meals in recliner & reposition while sitting |
| **Opera /Tempo**  |              |                       |
| **Tenor**         |              |                       |

<table>
<thead>
<tr>
<th>Ceiling Lifts</th>
<th>Patients who</th>
<th>Clinical Applications</th>
</tr>
</thead>
</table>
| **Maxisky**   | • Have BMAT mobility levels 1, 2, or 3  
                   • Weigh < 600 lbs/273 kg or 1000 lbs/455 kg  
                   • Be conscious or unconscious  
                   • May or may not follow simple instructions  
                   • Require total assistance with mobility and transfer | Use different slings to assist with different tasks:  
                                             • 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  
                                             • Assist with Foley catheter insertion  
                                             • Perform ADLs: eat meals in recliner & reposition while sitting  
                                             • Hold limb for wound care |

<table>
<thead>
<tr>
<th>Total-assist lift</th>
<th>Patients who</th>
<th>Clinical Applications</th>
</tr>
</thead>
</table>
| **Car lift**     | • Have BMAT mobility levels 1, 2, or 3  
                   • Weigh < 475 lbs/216 kg  
                   • Be conscious or unconscious  
                   • May or may not follow simple instructions  
                   • Require total assistance with mobility and transfer | • Transfer between vehicle, wheelchair, stretcher  
                                             • Transfer off the floor (using a full sling with loop attachments)  
                                             • Transfer between wheelchair, exam/procedure table, toilet  
                                             • Hold a limb |

<table>
<thead>
<tr>
<th>Friction-reducing &amp; transfer device:</th>
<th>Patients who</th>
<th>Clinical Applications</th>
</tr>
</thead>
</table>
| **Hovermatt (half or full size) & Inflator** | • Have BMAT mobility levels 1, 2, or 3  
                             • 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 to 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) |
## Duke Health Equipment and Applications

<table>
<thead>
<tr>
<th>Types of Devices</th>
<th>Patients who</th>
<th>Clinical Applications</th>
</tr>
</thead>
</table>
| Friction-reducing & transfer device: Hoverjack & Inflator | - Have BMAT mobility levels 1, 2, or 3  
- Weigh <1200 lbs/545 kg  
- Be conscious or unconscious  
- May or may not follow simple instructions  
- Require assistance to transfer off the floor | - Transfer a patient, who has fallen, from the floor to a stretcher or bed (use with hovermatt). |
| Wheelchair mover | - Weigh < 750 lbs/341 kg including wheelchair  
- Are in a manual wheelchair  
- Require assistance to push | - Attach the wheelchair mover to a manual wheelchair to transport the patient  
- Reduce force used by staff |
| Bed mover | - Weigh < 1320 lbs/600 kg including bed  
- Are on beds without powered-drive (i.e. HillRom’s VersaCare, Clinitron, | - Attach the bed mover to the bed to transport the patient  
- Reduce force used by staff |
| LiftMate | - Weigh < 500 lbs/227 kg  
- Can stand independently  
- Need assistance to get on and off the exam table | - Raise patient to seat of fixed height exam table  
- Reduce falls |

Updated July 2017