basic movement scale(BMS) English ver.1

| | Turning over in a bed Turning over in a bed | | | | |
|-------------------------|--|--|---|--|--|
| | classification | illustration | state | | |
| ↑ High 5 | Possible without using the upper limbs | Can easily turn onto side without holding onto something. | Moving upper and lower limbs enables easy turning onto side without holding onto mething. Possible every time. | | |
| 4 | Possible without using the upper limbs, but not every time | Turning onto side possible without holding onto something, but sometimes not possible. | •Moving upper and lower limbs enables easy turning onto side without holding onto something, but not possible every time. | | |
| 3 | Possible when using the upper limbs | Turning onto side possible when holding onto something (not possible without holding onto something). | •Using upper and lower limbs and holding onto something enables turning onto side. Possible every time. | | |
| 2 | Possible when using the upper limbs, but not every time | Turning onto side sometimes not possible even when holding onto something. Partial turning onto side possible. | Using upper and lower limbs and holding onto something enables turning onto side, but not every time. Also, can move shoulders and pelvis off bed, but turning onto side not possible. | | |
| 1 ↓ Low Note) Thi | Not possible s movement can be performed in | Turning onto side not possible. It wo directions (left, right). For consistency, please | •Cannot move. •Also, can move shoulders and pelvis a little off bed by moving upper and lower limbs, but immediately returns to the supine position. | | |

Note) This movement can be performed in two directions (left, right). For consistency, please assess the direction most frequently used in daily life, that is the Practical side, with the other direction being the Unpractical side.

| | Sitting up on a bed | | | | |
|-----------------------------|--|--|--|--|--|
| classification illustration | | state | | | |
| ↑ High 5 | Possible without using the upper limbs | Can easily sit up from a side-lying position, without holding onto something | Can easily sit up without holding onto something by pushing or pulling with upper and lower limbs on the opposite side. Possible every time. | | |
| 4 | Possible without using the upper limbs, but not every time | Can sit up from a side-lying position without holding onto something, but not every time | Can sit up from a side-lying position by pushing or pulling with upper and lower limbs on the opposite side, even when not holding onto something. Not possible every time. | | |
| 3 | Possible when using the upper limbs | Can sit up from a side-lying position when holding onto something (cannot without holding onto something) | Can sit up when holding onto something and pushing or pulling with upper and lower limbs on the opposite side. Possible every time. | | |
| 2 | Possible when using the upper limbs, but not every time | Sometimes cannot sit up from a side-lying position even when holding onto something, but manages to partially sit up | Can sit up from a side-lying position when holding onto something and pushing or pulling with upper and lower limbs on opposite side, but not every time. Also, when trying to sit up, movement stops part way through. | | |
| 1 ↓Low | Not possible | Cannot sit up | Cannot move. Also, cannot sit up even when head and upper body are a little off the bed and when holding onto something and pushing or pulling with upper and lower limbs on opposite side. | | |

Note) This movement can be performed in two directions (left, right).

For consistency, please assess the direction most frequently used in daily life, that is the Practical side, with the other direction being the Unpractical side.

| | Maintaining a sitting position | | | | |
|-----------|--|--|--|--|--|
| | classification | illustration | state | | |
| ↑ High 5 | Possible without using the upper limbs | Can easily maintain a sitting position without holding onto something. | Can maintain a sitting position for about 1 min without using upper limbs for support or holding onto something. Possible every time. | | |
| 4 | Possible without using the upper limbs, but not every time | Sometimes cannot maintain a sitting position without holding onto something | Cannot maintain a sitting position for about 1 min every time without using upper limbs for support or holding onto something. Sometimes uses upper limbs, but cannot maintain a sitting position every time. | | |
| 3 | Possible when using the upper limbs | Can maintain a sitting position when holding onto something (not without holding onto something) | Can maintain a sitting position for about 1 min using upper limbs for support or holding onto something. Possible every time. | | |
| 2 | | Sometimes cannot maintain a sitting position even when holding onto something | Can maintain a sitting position for about 1 min using upper limbs for support or holding onto something, but not every time. Loss of posture sometimes. | | |
| 1 ↓Low | Not possible | Cannot maintain a sitting position | Cannot maintain a sitting position for about 1 min even when using upper limbs for support or holding onto something. Even when posture is adjusted by another person to enable sitting, the score is 1. | | |

| | Standing up | | | |
|-----------|--|---|---|--|
| | classification | illustration | state | |
| ↑ High 5 | Possible without using the upper limbs | Can easily stand up without holding onto something | Can easily stand up without using the upper limbs or holding onto something. Possible every time. | |
| 4 | Possible without using the upper limbs, but not every time | Sometimes cannot stand up without holding onto something | •Can stand up without pushing with the upper limbs or holding onto something, but not every time. | |
| 3 | Possible when using the upper limbs | Can stand up when holding onto something (not without holding onto something) | •Can stand up when pushing with the upper limbs or holding onto something. •Possible every time. | |
| 2 | Possible when using the upper limbs, but not every time | Sometimes cannot stand up even when holding onto something | Can stand up when pushing with the upper limbs or holding onto something, but not every time. Or, can stand up when pushing with the upper limbs or holding onto something, but movement stops part way through. | |
| 1 ↓Low | Not possible | Cannot stand up even when holding onto something | Cannot rise from the seated position even when pushing with upper limbs or holding onto something. Or, can rise a little, but immediately sits down. | |

| | Maintaining a standing position | | | | |
|-----------|--|--|---|--|--|
| | classification | illustration | state | | |
| † High 5 | Possible without using the upper limbs | Can maintain a standing position without using upper limbs | Can easily maintain a standing position without holding onto something. Can remain standing for about 10 sec without holding onto something. Possible every time. | | |
| 4 | Possible without using the upper limbs, but not every time | Sometimes cannot maintain a standing position when not holding onto something | Can remain standing for about 10 sec without holding onto something, but not every time. Sometimes holds onto something, but not every time. | | |
| 3 | Possible when using the upper limbs | Can maintain a standing position when holding onto something (not possible without holding onto something) | Can remain standing for about 10 sec when holding onto something. Possible every time. | | |
| 2 | Possible when using the upper limbs, but not every time | Sometimes cannot maintain a standing position even when holding onto something | •Can remain standing for about 10 sec when holding onto something, but not every time. | | |
| 1 ↓Low | Not possible | Cannot maintain a standing position even when holding onto something | •Cannot remain standing for about 10 sec even when holding onto something. | | |

| | Sitting down | | | | |
|-----------|--|--|--|--|--|
| | classification | illustration | state | | |
| † High 5 | Possible without using the upper limbs | With concentration, can easily sit down without holding onto something | With concentration, can comfortably sit down without holding onto something. Possible every time. | | |
| 4 | Possible without using the upper limbs, but not every time | Can sit down without holding onto something, but, even when concentrating, sometimes sits down heavily | Even when not holding onto something, can adjust the speed of sitting down, but not every time. Even when concentrating, sometimes sits down heavily. | | |
| 3 | Possible when using the upper limbs | Can sit down when holding onto something and sit down lightly when concentrating (not possible | Can adjust speed of sitting down when holding onto something. Possible every time. Does not sit down heavily when concentrating. | | |
| 2 | Possible when using the upper limbs, but not every time | Sometimes sits down heavily even when holding onto something. | Can adjust speed of sitting down when holding onto something, but not every time. Sometimes sits down heavily, even when concentrating. | | |
| 1 ↓Low | Not possible | Sits down heavily even when holding onto something | Cannot adjust speed of sitting down even when holding onto something, sits down heavily. Not possible every time. | | |

| | Transfer movements | | | | |
|-----------|--|---|--|--|--|
| | classification | illustration | state | | |
| ↑ High 5 | | Transfer movements to left/right possible without holding onto something | Comfortable transfer movements possible in any environment without holding onto something, as well as return to original position. Possible every time. | | |
| 4 | Possible without using the upper limbs, but not every time | Transfer movements sometimes not possible without holding onto something. Always possible in one direction | Transfer movements possible in any environment without holding onto something, return movements also possible, but not every time. Or, transfer movements in one direction possible every time. | | |
| 3 | | Transfer movements to left/right possible when holding onto something (not possible without holding onto something) | Transfer movements possible in any environment when holding onto something, and return movements. Possible every time. | | |
| 2 | Possible when using the upper limbs, but not every time | Transfer movements sometimes not possible even when holding onto something. Always possible in one direction | Transfer movements possible in any environment when holding onto something, and return movements possible, but not every time. Or, transfer movements in one direction possible every time when holding onto something. | | |
| 1 ↓Low | | Cannot perform transfer movements even when holding onto something | •Transfer movements not possible even when holding onto something. | | |

| Taking a step | | | | |
|---------------|--|--|--|--|
| | classification | illustration | state | |
| ↑ High 5 | Possible without using the upper limbs | Can easily take a step without holding onto something and return to original position | Can step forward with one leg and bring the leg back to the original position without holding onto something. Possible every time. | |
| 4 | Possible without using the upper limbs, but not every time | Can take a step without holding onto something, but sometimes taking a step and returning to the original position is not possible | •Can take a step and return to the original position when not holding onto something, but not every time. | |
| 3 | Possible when using the upper limbs | Can take a step and return to the original position when holding onto something (not possible without holding onto something) | Can take a step with one leg and bring the leg back to the original position when holding onto something. Possible every time. | |
| 2 | Possible when using the upper limbs, but not every time | Can take a step when holding onto something, but sometimes cannot return to the original position | Can take step forward with one leg when holding onto something and return to the original position, but not every time. Or, can take a step with one leg when holding onto something, but cannot return to the original position. Sometimes falls over when trying to take a step. | |
| 1 ↓ Low | Not possible s movement can be performed in | Cannot take a step even when holding onto something two directions (left, right). For consistency, please | Cannot take a step even when holding onto something. Sometimes falls over when trying to take a step. | |

Note) This movement can be performed in two directions (left, right). For consistency, please assess the direction most frequently used in daily life, that is the Practical side, with the other direction being the Unpractical side.

| | Walking | | | | |
|-----------|--|--|---|--|--|
| | classification | illustration | state | | |
| ↑ High | Possible without using the upper limbs | Om 3m Can easily walk without using an aid | Can walk 3 m or more without using a cane, walking frame or other aid. Possible every time. | | |
| 4 | | Can walk 3 m or more without using anything, but sometimes cannot | Can walk 3 m or more without using a cane, walking frame or other aid, but not every time. Sometimes uses a cane, walking frame or other aid. | | |
| 3 | | Can walk 3 m or more using an aid (cannot walk 3 m or more without using an aid) | Can walk 3 m or more when using a cane, walking frame or other aid. Or, can walk 3 m or more in one direction using parallel bars. Possible every time. | | |
| 2 | | Sometimes cannot walk 3 m or more even when using an aid | •Can walk 3 m or more when using a cane, walking frame or other aid, but not every time. •Or, can walk 3 m or more in one direction using parallel bars, but not every time. | | |
| 1 ↓Low | Not possible | Cannot walk 3 m even when using an aid | Cannot walk. Or, cannot walk (about 3 m) in one direction when using parallel bars. | | |