**User-Exoskeleton Interaction Checklist for Experimenters**

Please circle the answer corresponding to your observations during the tests.

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| --- | --- | --- | --- |
| Time required to donning the exoskeleton. | 0 – 1 min. | 5 – 10 min. | > 10 min. |
| Time required to doffing the exoskeleton. | 0 – 1 min. | 5 – 10 min. | > 10 min. |
| Number of stair levels climbed up. | 4 – 6 | 2 – 4 | 0 – 1 |
| Number of stair levels climbed down. | 4 – 6 | 2 – 4 | 0 – 1 |
| Number of steps walked up. | 6 | 7-8 | 9-12 |
| Number of steps walked down. | 6 | 7-8 | 9-12 |
| Number of times the user stumbled while ascending the stairs. | 0 – 1 | 2 – 5 | > 5 |
| Number of times the user stumbled while descending the stairs. | 0 – 1 | 2 – 5 | > 5 |
| Is the crutch used during the test? | No |  | Yes |
| In general, is the torso bent forward (*provoke high load of upper limbs* *when crutches are used*) to avoid falling backwards? | No |  | Yes |
| During the Anterolateral shifting of body centre of gravity, is the swing leg adequately relieved to correctly initiate the stride? | Yes |  | No |
| Number of error messages sent by the HMI (*Human-Machine Interface*). | 0 – 1 | 2 – 3 | > 3 |
| Number of times the safe mode has been activated (*the system switched off*) when the situation did not require it? | 0 – 1 | 2 – 3 | > 3 |
| Has the safe mode not been activated (*the system did not switch off*) when the situation did require it? | No |  | Yes |