**Supplementary Material 2.** Definitions of severity degree in upper extremity amputation

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| Grade | Definitions |
| Level | Number |
| 1 | 1 | Amputation above the wrist joint of both arms |
| 2 | 1 | Amputation of both thumbs above the IP joint and all 2nd to 5th fingers above the PIP joint  |
| 2 | Amputation above the elbow joint of one arm |
| 3 | 1 | Amputation of both thumbs above the IP joint and the 2nd finger above the PIP joint |
| 2 | Amputation of one thumb above the IP joint and all 2nd to 5th fingers above the PIP joint |
| 4 | 1 | Amputation of both thumbs above the IP joint |
| 2 | Amputation of one thumb above the IP joint and the 2nd finger above the PIP joint |
| 3 | Amputation of one thumb above the IP joint and another two fingers above the PIP joint |
| 5 | 1 | Amputation of one thumb above the IP joint and another finger above the PIP joint |
| 2 | Amputation of one thumb above the MCP joint |
| 3 | Amputation of three fingers including the 2nd finger above the PIP joint |
| 6 | 1 | Amputation of one thumb above the IP joint |
| 2 | Amputation of two fingers including the 2nd finger above the PIP joint |
| 3 | Amputation of all 3rd to 5th fingers of one hand above the PIP joint  |

IP, Interphalangeal; PIP, proximal interphalangeal; MCP, metacarpophalangeal