

Lesion level	Activity/Participation (Action)	Level of independence	Assistive devices and adaptation of the environment
C1 to C4	use of TV, radio, phone, nurse call button	partially independent (assistance with placing assistive devices)	environmental control device, speaker phone, smartphone with external on-button, tablet or similar
	communicating	partially independent (assistance with placing assistive devices)	computer/tablet or similar (via HeadMouse, IntegraMouse, voice control), communication devices, possibly mouth stick, possibly reading device
	transferring	not independent (1-2 assisting person/s)	transfer board, wheel guard, electric bed possibly patient lifter, possibly kinaesthetics transfer
	positioning in bed	not independent	positioning cushion, electric bed
	body hygiene	not independent	shower wheelchair with seat tilt and head rest or shower couchette
	mobility	independent	electric wheelchair with chin control (possibly chest fixation belt), head control, mini-joystick on lower lip, possibly special back system
		not independent	manual care wheelchair
	eating drinking	not independent partially independent (assistance with placing assistive devices)	drink holder, drinking device on wheelchair
	dressing and undressing	not independent	
	driving a car getting a ride in a car	impossible independent	sub C4: possibly independent wheelchair use with Joysteer adapted vehicle (entering in the wheelchair or electric seat/swivel chair), wheelchair transfer through assisting person
	transferring in and out of the car	not independent	driving with the wheelchair into the car/transfer board, possibly integrated transfer board in car, possibly electric seat/swivel chair
	living	institution, nursing home, caregiver	accessible/stepless, floor-level shower, emergency call system, environmental control for door opening, above named assistive devices
housekeeping	not independent		
C5	use of TV, radio, phone, nurse call button	independent	environmental control device, speaker phone, smartphone, tablet or similar
	communicating	independent	computer/tablet or similar (with external click/tetra sling and typing aid, possibly voice control)
	transferring	not independent, assistance possible	transfer board, wheel guard, electric bed, possibly kinaesthetic transfer
	positioning oneself in bed	not independent	positioning cushion, electric bed
	body hygiene	not independent, assistance possible	shower wheelchair, tetra sling, e.g. for toothbrush, shaver
	mobility	independent partially independent	electric wheelchair with hand control or electric auxiliary drive such as Swiss-Trac, E-motion active wheelchair (with push rim cover, tetra gloves, brake lever extension, anti-tilt wheels)
	eating drinking	partially independent partially independent (assistance with placing of devices)	tetra sling, adapted cutlery drink holder, adapted water bottle
	dressing and undressing	not independent, assistance possible	e.g. straps on trousers, electric bed
	driving a car getting a ride in a car	independent independent	possibly Joysteer (if financially affordable), wheelchair transfer device possibly adapted vehicle (with loading ramp, electric chair/swivel chair)
	transferring in/out of the car	not independent	transfer board, possibly integrated transfer board in car, possibly electric seat/swivel chair
	living	not independent, possibly institution	accessible/stepless, floor-level shower, emergency call system, possibly door opener (environmental control device), above named assistive devices
	housekeeping	not independent	

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C6	use of TV, radio, phone, nurse call button	independent	pushbutton/Jelly Bean, smartphone, tablet or similar, possibly speaker phone
	communicating	independent	computer/tablet or similar (with external click/tetra sling and typing aid)
	transferring	mostly independent	transfer board, wheel guard, possibly integrated transfer board in car, electric bed
	positioning oneself in bed	not independent, assistance possible	positioning cushion, electric bed
	body hygiene	at sink: independent showering: partially independent catheterization: men are independent to a limited extent, women are rather not independent purging: independent to a very limited extent	tetra sling, soap dispenser, possibly further adaptations shower chair, shower head holder, possibly back brush, toilet cushioning, devices for catheterization (partially manufactured by occupational therapy)
	mobility	independent independent	active wheelchair (with push rim cover, tetra gloves, brake lever extension, anti-tilt wheels) electric wheelchair with hand control or electric auxiliary drive such as Swiss-Trac, E-motion
	eating	mostly independent	tetra sling, adapted cutlery, possibly help with cutting
	drinking	independent	drink holder, glass with holder or straw, CamelBak bottle
	dressing and undressing	partially independent	straps, adapted fastening systems, possibly aid for putting on socks, electric bed
	driving a car	independent	multi-function lever, tetra fork on steering wheel/accelerator ring or Menox system, possibly Joysteer (if financially affordable), possibly wheelchair transfer aid
	getting a ride in a car	independent	possibly adapted vehicle (ramp for wheelchair, electric seat, swivel chair)
	transfer into/out of the car	not independent	transfer board, possibly integrated transfer board in car, possibly electric seat/swivel chair
	living	mostly independent	accessible/stepless, floor-level shower, emergency call system, electric door opener (possibly environmental control device), above named assistive devices
housekeeping	not independent, assistance possible	adapted kitchen	
C7	use of TV, radio, phone, nurse call button	independent	pushbutton/Jelly Bean, smartphone, tablet or similar, possibly speaker phone
	communicating	independent	computer/tablet or similar, (possibly with tetra sling and typing aid)
	transferring	independent	transfer board, wheel guard, electric bed
	positioning oneself in bed	possibly independent	positioning cushion, electric bed
	body hygiene	mostly independent catheterization: men are independent, women are rather not independent	shower wheelchair or shower flip-up chair/raised toilet seat with back rest and cushioning, toilet cushioning tetra sling, soap dispenser, shower head holder, possibly back brush, assistive devices for catheterization (partially manufactured by occupational therapy)
	mobility	independent independent	active wheelchair (with push rim cover, tetra gloves, possibly brake lever extension, anti-tilt wheels) possibly electric wheelchair or electric auxiliary drive such as Swiss-Trac, E-motion
	eating	mostly independent	tetra sling, adapted cutlery, possibly help with cutting
	drinking	independent	drink holder, glass with handle or straw, CamelBak bottle
	dressing and undressing	independent	mostly only in bed independently, in wheelchair with help with trousers, possibly straps, fastening system adaptations, aids for putting on socks, claw grabber
	driving a car	independent	multi-function lever, tetra fork on steering wheel/accelerator ring, possibly wheelchair transfer aid
	living	independent	accessible/stepless, floor-level shower, emergency call system, electric door opener (possibly environmental control device), handles in bathroom, above named assistive devices
	housekeeping	partially not independent, assistance possible	adapted kitchen

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C8	use of TV, radio, phone, nurse call button	independent	none
	communicating	independent	computer/tablet or similar
	transferring	independent	transfer board, wheel guard, possibly also without transfer board
	positioning oneself in bed	independent	positioning cushion, electric bed
	body hygiene	independent	transfer board, possibly also without transfer board, shower wheelchair, flip-up shower seat, raised toilet seat, toilet cushioning
	mobility	independent independent	active wheelchair, possibly with push rim cover, tetra gloves possibly electric wheelchair/electric auxiliary drive such as Swiss-Trac, E-motion
	eating/drinking	independent	none
	dressing and undressing	independent	possibly fastening system adaptations
	driving a car	independent	multi-function lever, steering wheel spinner knob/ring accelerator or Menox system, possibly wheelchair transfer aid
living	independent	accessible/stepless, floor-level shower, emergency call system, electric door opener (possibly environmental control device), above named assistive devices	
housekeeping	mostly independent	adapted kitchen	
T1 to T7	transfer bed/wheelchair	independent	possibly transfer board and electric bed
	transfer toilet/flip-up shower seat/wheelchair	independent	possibly transfer board, handles in bathroom, toilet cushioning
	transfer bath tub/wheelchair	independent	possibly bath board, bath tub lift, shower cushioning
	transfer car/wheelchair	independent	possibly transfer board, integrated transfer board in car
	body hygiene	independent	flip-up shower seat, raised toilet seat with back rest and cushioning, handles, possibly shower wheelchair
	mobility	independent	active wheelchair
	eating/drinking	independent	none
	dressing and undressing	independent	possibly aid for putting on socks, claw grabber
	driving a car	independent	multi-function lever, steering wheel spinner knob/accelerator ring or Menox system, possibly wheelchair transfer aid
living	independent	accessible/stepless, floor-level shower, possibly electric door opener for heavy doors, above named assistive devices	
housekeeping	mostly independent	adapted kitchen	
T8 to T12	transfer bed/wheelchair	independent	possibly transfer board
	transfer toilet/flip-up shower seat/wheelchair	independent	possibly transfer board, handles in bathroom, toilet cushioning
	transfer bath tub/wheelchair	independent	possibly bath board, bath tub lift, shower cushioning
	transfer car/wheelchair	independent	possibly transfer board, integrated transfer board in car
	body hygiene	independent	flip-up shower seat, raised toilet seat with back rest and cushioning, handles, possibly shower wheelchair
	mobility	independent	active wheelchair
	eating/drinking	independent	none
	dressing and undressing	independent	possibly aid for putting on socks, claw grabber
	driving a car	independent	multi-function lever, steering wheel spinner knob/accelerator ring or Menox system, possibly wheelchair transfer aid
living	independent	accessible/stepless, floor-level shower, possibly electric door opener for heavy doors, above named assistive devices	
housekeeping	independent	adapted kitchen	

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L1 to L4	transfer bed/wheelchair	independent	none
	transfer toilet/flip-up shower seat/wheelchair	independent	toilet cushioning
	transfer bath tub/wheelchair	independent	shower cushioning, possibly bath board
	transfer car/wheelchair	independent	none
	body hygiene	independent	flip-up shower seat, raised toilet seat with cushioning, handles
	mobility	independent	active wheelchair
	eating/drinking	independent	none
	dressing and undressing	independent	possibly aid for putting on socks, claw grabber
	driving a car	independent	multi-function lever, steering wheel spinner knob/accelerator ring or Menox system, possibly wheelchair transfer aid
living	independent	accessible/stepless, floor-level shower, above named assistive devices	
housekeeping	independent		
L5 to S1	transfer bed/wheelchair	independent	in the beginning possibly small assistive devices as indicated, should not be necessary any more when released from rehabilitation
	transfer toilet/flip-up shower seat/wheelchair	independent	
	transfer bath tub/wheelchair	independent	
	transfer car/wheelchair	independent	
	body hygiene	independent	
	mobility	independent	
	eating/drinking	independent	
	dressing and undressing	independent	
	driving a car	independent	
living	independent		
housekeeping	independent		
Additional diagnosis such as Multiple sclerosis, locked-in syndrome, etc.	use of TV, radio, phone, nurse call button communication	depending on functional limitations from fully dependent to fully independent	depending on functional limitations; everything as described above turning disc indicated e.g. for patients with leg functions
	transferring		
	positioning oneself in bed		
	body hygiene		
	mobility		
	eating/drinking		
	dressing and undressing		
	driving a car		
	getting a ride in a car		
	transferring in and out of the car		
	living		
housekeeping			