

## Supplementary Material

Table S2. Neglect screening and assessment tools with documented protocols - analysis of neglect subtypes and ICF categories

Tool name (reference)	Egocentric	Allocentric	Personal	Peripersonal	Extraperсонаl	Representation	Visual	Tactile	Auditory	Motor	Impairment	Activity Limitation	Participation Restriction
Behavioural Inattention Test (BIT)[1] modified scoring [2]	✓	X		✓		X	✓			X	✓	✓	
BIT-cs (conventional subtests)	✓	X		✓		X	X			X	✓		
BIT-bs (behavioural subtest)	✓	X		✓			✓			X	✓	✓	
sBIT (3-item version) [3]	✓	X		✓			X			X	✓		
mBIT for acute stroke (8 item version) [4]	✓			✓	✓		✓			X	✓	✓	
Chinese Behavioural Inattention Test–Hong Kong version (CBIT-HK) [5]	✓	X		✓		X	✓			X	✓	✓	
BIT Japanese version [6,7]	✓	X		✓		X	✓			X	✓	✓	
BIT Hebrew version [8,9]	✓	X		✓		X	✓			X	✓	✓	
Neglect Test (NET) (Fels & Geissner, 1996) (German BIT)[10, 11]	✓	X		✓		X	✓			X	✓	✓	
BIT-E (Spanish version) [12]	✓	X		✓		X	✓			X	✓	✓	
Sunnybrook Neglect Assessment Procedure (SNAP)[13]	✓	X		✓			X			X	✓		
Batterie d'Evaluation de la Négligence (BEN) [14,15] (GEREN neglect battery)	✓	X		✓		X	✓			X	✓	✓	
Rivermead Perceptual Assessment Battery [16]	X	X		✓			X			X	✓		
Northwick Park Examination of Cognition [17] Perception component	✓	X		✓			X			X	✓		
Strokevision app [18]	✓	X		✓			X			X	✓		
Vision Impairment Screening Assessment (VISA) tool[19]	✓	X		✓			X			X	✓		
Screening Instrument for neuropsychological impairment in stroke (SINS)[20]	✓	X	X	X		X	X			X	✓		
Battery for the evaluation of hemineglect [21]	✓			✓			✓			X	✓	✓	
OT-APST (Adult Perceptual Screening test) neglect subtest [22]	X	X		✓		X	✓			X	✓	✓	
OSOT (Ontario Society of Occupational Therapists) Evaluation of Perceptual Function [23]	X	X		✓		X	X			X	✓		
The Ontario Society of Occupational Therapy (OSOT) Perceptual Evaluation French version [24] - Visual scanning and visuo-spatial neglect subtest	X	X		✓		X	X			X	✓		
The Visuospatial Neglect Test Battery [25]	✓	X		✓		X	X			X	✓		
Circle Monitor CM Tasks [10]	✓	X		✓			X			X	✓		

✓ Tool differentiates the neglect subtype.

x Deficient performance may be attributable to the subtype, but the scoring does not allow for it to be differentiated from other subtypes.

? Unable to determine from documented protocols.

(x) Alternative protocols of the test involve this subtype (for example motor response if unable to verbalise response)

Tool name (reference)	Egocentric	Allocentric	Personal	Peripersonal	Extraperсонаl	Representation	Visual	Tactile	Auditory	Motor	Impairment	Activity Limitation	Participation Restriction
<b>Cancellation tasks</b>													
Bell's test[26] (modified protocols [27,28])	✓			✓			X			X	✓		
Star cancellation test [1]	✓			✓			X			X	✓		
Star cancellation test - Russian version [29]	✓			✓			X			X	✓		
line cancellation test [1], Albert's Test[30,31] (40 lines)	✓			✓			X			X	✓		
Mesulam shape cancellation task [32]	✓			✓			X			X	✓		
Line cancellation task 30 x short lines [33,34]	✓			✓			X			X	✓		
Line cancellation (Left, middle and right of midline)[35]	✓			✓			X			X	✓		
Barrage test/ Line cancellation test) [21] (21 lines, A3 page)	✓			✓			X			X	✓		
Ellipses cancellation task [36]	✓			✓			X			X	✓		
BIT - short screening test [37] (2 items: Letter & star)	✓			✓			X			X	✓		
BIT cancellation tasks (letter, line, star)	✓			✓			X			X	✓		
Computerised cancellation tasks [38]	✓			✓		X	X			X	✓		
Balloons test [39]	✓			✓			X			X	✓		
Digitized shape cancellation task [40]	✓			✓			X			X	✓		
Behavioural task [34]	✓			✓			X			X	✓		
Head mounted display (HMD) - line & star cancellation[6]	✓	x		✓			X			X	✓		
VR and haptics cancellation task [41]	✓			✓			X			X	✓		
Touch screen cancellation tasks) (letter and shape) [42]	✓			✓			X			X	✓		
Letter cancellation task (SLCT/H cancellation Task) [43,44]	✓			✓			X			X	✓		
(Random) Letter cancellation task [32,45]	✓			✓			X			X	✓		
Double Letter Cancellation Test (DLCT) [44,46]	✓			✓			X			X	✓		
Letter cancellation test [47]	✓			✓			X			X	✓		
O/X cancellation task with graphics tablet [48]	✓			✓			X			X	✓		
Structured Chinese Word Cancellation Test (SCWCT) [49]	✓			✓			X			X	✓		
Random Chinese Word Cancellation Test (RCWCT) [49–51]	✓			✓			X			X	✓		
Custom cancellation test "T" [52]	✓			✓			X			X	✓		
Letter cancellation (BIT subtest)[1] (timed version [28])	✓			✓			X			X	✓		
O cancellation test (visible/invisible marks) [53]	✓			✓			X			X	✓		
Letter cancellation test [54]	✓			✓			X			X	✓		

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Tool name (reference)	Egocentric	Allocentric	Personal	Peripersonal	Extraperсонаl	Representation	Visual	Tactile	Auditory	Motor	Impairment	Activity Limitation	Participation Restriction
<b>Egocentric and allocentric cancellation tasks</b>													
Apples cancellation test [55]	✓	✓		✓			X			X	✓		
Birmingham Cognitive Screen (BCoS) [56]	✓	✓		✓			X			X	✓		
Hong Kong Birmingham Cognitive Screen (HKBCOS) [57]	✓	✓		✓			X			X	✓		
Cantonese Birmingham Cognitive Screen (Cantonese BCoS) [58]	✓	✓		✓			X			X	✓		
Oxford Cognitive Screen: Broken hearts cancellation task [59]	✓	✓		✓			X			X	✓		
Hong Kong version of Oxford Cognitive Screen: Broken hearts cancellation task (HK-OCS) [60]	✓	✓		✓			X			X	✓		
Russian Version of the Oxford Cognitive Screen (Rus-OCS) [61]	✓	✓		✓			X			X	✓		
3S Spreadsheet Test (3S Test) [62]	✓	✓		✓			X			X	✓		
Ota circle cancellation [63] (Gap detection task, Ota search task)	✓	✓		✓			X			X	✓		
modified Gap Detection Test [64] (Visual and Tactile)	✓	✓		✓			X	X		X	✓		
Defect detection task - circle and triangle [63]	✓	✓		✓			X			X	✓		
Apples cancellation test Italian standardization [55,65]	✓	✓		✓			X			X	✓		
<b>Motor tasks</b>													
Lateralised motor performance [66]	✓		✓							✓	✓		
Computerised line bisection Task - Fractionated where and aiming measures [66]	X	X		✓			✓			✓	✓		
Closed circuit camera of line bisection and cancellation tasks [67]	✓			✓			✓			✓	✓		
Paradigm for assessing directional motor bias [68]	✓			✓			✓			✓	✓		
Motor and perceptual RT task [69]	✓			✓			✓			✓	✓		
Landmark line bisection task (Landmark Test) [70]	✓			✓			✓			✓	✓		
Modified landmark task (mLMT) [71]	X	X		✓			✓			✓	✓		
Congruent and non-congruent bisection task [72]	X	X		✓			✓			✓	✓		
Wooden handle [73]	✓			✓						✓	✓		
Exploratory-motor test [74]	✓			✓		X				X	✓		

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Tool name (reference)	Egocentric	Allocentric	Personal	Peripersonal	Extraperosnal	Representation	Visual	Tactile	Auditory	Motor	Impairment	Activity Limitation	Participation Restriction
<b>Line bisection tasks</b>													
Schenkenberg Line bisection task (modified scoring [75])	X	X		✓			X			X	✓		
Line bisection - (2 x 10cm, 2 x 15cm, 2 x 25cm lines) [76]	X	X		✓			X			X	✓		
Line bisection test (BIT)[1] (timed version [28])	X	X		✓			X			X	✓		
Line bisection [77] (24 x 20cm)	X	X		✓			X			X	✓		
Line bisection test (3 x 16cm and 3 x 24cm) [78]	X	X		✓			X			X	✓		
Line bisection (2 x 5cm and 2 x 20cm) [14] (% deviation)	X	X		✓			X			X	✓		
Line bisection task (5 x 6cm, 5 x 7cm, 5 x 8cm [79])	X	X		✓			X			X	✓		
Line bisection task 3 x 20cm line [33]	X	X		✓			X			X	✓		
Solid line bisection task (10 x 24.2cm) [80,81]	X	X		✓			X			X	✓		
Line bisection 5 x 24cm [82,83]	X	X		✓			X			X	✓		
Line bisection (3 x 17cm lines) [84]	X	X		✓			X			X	✓		
Line bisection (3 x 22cm lines on A4 page) [85]	X	X		✓			X			X	✓		
Line bisection task (5 x 18cm) [86]	X	X		✓			X			X	✓		
Line bisection (27cm) (page to the L, R and midline) [87]	X	X		✓			X			X	✓		
Complex line bisection test [88,89]	X	X		✓			X			X	✓		
Line bisection [90] (36 lines 26cm/30cm (numbers at either end, presented left and right of midline)	X	X		✓			X			X	✓		
Stroke Impairment Assessment Set (SIAS) - visuospatial perception subtest [91,92] (Bisect 50cm tape x 2)	X	X		✓			X			X	✓		
Line bisection test (10 x 10.7cm) [54]	X	X		✓			X			X	✓		
Line bisection task (5 x 18cm) [36]	X	X		✓			X			X	✓		
Horizontal line bisection [93]	X	X		✓			X			X	✓		
Line bisection task (5 x 242mm) [94]	X	X		✓			X			X	✓		
Line bisection (6 lines on page offset from centre) [18]	X	X		✓			X			X	✓		
Line bisection 25 x 15 cm [95]	X	X		✓			X			X	✓		
Line bisection (10 x 24cm: 5 left of midline, 5 right of midline) [96]	X	X		✓			X			X	✓		
Bisection of a 20cm horizontal line [97]	X	X		✓			X			X	✓		

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<b>Line bisection tasks (continued)</b>													
Line bisection (8 lines 3 x 6.2cm, 3 x 10cm, 2 x 18cm, cumulative % deviation) [98]	X	X		✓			X			X	✓		
Character Line Bisection Task (CLBT: Letter-line and Star-line Bisection Tasks) [80]	X	X		✓			X			X	✓		
Computerized touch screen line bisection test (300 x (20cm, 25cm, 30cm lines) (in middle, L, R space with/o distractions) [99]	X	X		✓			X			X	✓		
Rebisection task [100]	X	X		✓			X			X	✓		
Line quadrisection task [101]	X	X		✓			X			X	✓		
Line extension task (5x6cm, 5x7cm, 5x8cm in centre of A4 page) [79]	X	X		✓			✓			✓	✓		
L figure line extension task [102]	X	X		✓			X			X	✓		
Bisection of Judd stimuli (10cm and 12cm rods with visual, haptic, and visuo-haptic presentation) [103]	X	X		✓		X	X	X		X	✓		
Extended Line Bisection task (LB) [104,105]	X	X		✓			X			X	✓		
<b>Pointing/grasping objects</b>													
Pointing/grasping centre of rod [106]	X	X		✓			X			X	✓		
Baking Tray Task (BTT) (Tham & Tegner) [3,107]	✓			✓			X			X	✓		
Baking Tray Task with E-TAN (E-BTT) [108]	✓			✓			X			X	✓		
modified version of Baking Tray Task [109]	✓			✓			X			X	✓		
Table Test (Kerkhoff) [52]	✓			✓			X			X	✓		
Visual search board (VSB; Kimura) [13]	✓			✓			X			X	✓		
Robotic object hitting task [110]	✓			✓			X			X	✓		
Two-part picture test [111]	✓			✓			X			X	✓		
Object-finding test [89]	✓			✓			X			X	✓		
The shape test [112]	✓			✓		X	X	X		X	✓		

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Tool name (reference)	Egocentric	Allocentric	Personal	Peripersonal	Extraperosnal	Representation	Visual	Tactile	Auditory	Motor	Impairment	Activity Limitation	Participation Restriction
<b>Copying tasks</b>													
5-element complex drawing (a house and four trees) (Gainotti drawing, Landscape drawing) [113]	X	X		✓			X			X	✓		
Copying Task (a fence, a car, a house and a tree) [114]	X	X		✓			X			X	✓		
Ogden Scene (tree, fence, house, tree) [115](landscape drawing, scene/ figure copy) [14]	X	X		✓			X			X	✓		
Figure copy (BIT) (star, cube, flower, triangles) [1,2]	X	X		✓			X			X	✓		
Design copy test (house, flower, clock, diamond) [116]	X	X		✓			X			X	✓		
Copy a daisy/Daisy drawing [103]	X	X		✓			X			X	✓		
Two daisy figure /Complex flower copying task [117]	X	X		✓			X			X	✓		
Rey-Osterrieth complex figure test, copy [118]	X	X		✓			X			X	✓		
<b>Drawing tasks</b>													
Clock drawing task (19 pt scale) [119]	X	X		✓		X	X			X	✓		
Clock drawing test (Freedman 15 pt scale) [120]	X	X		✓		X	X			X	✓		
Clock drawing task (CLOX) (15pts) [121]	X	X		✓		X	X			X	✓		
Clock drawing (from memory) (12 pt scale) [103,122]	X	X		✓		X	X			X	✓		
Clock drawing test (Sunderland/Manos 10 pts) [123,124]	X	X		✓		X	X			X	✓		
Clock drawing test (7 pt scale) - Watson system [5]; Seven Minute Screen (Solomon & Pendlebury) [124]	X	X		✓		X	X			X	✓		
Clock drawing test (4 pt scale) (printed 8cm circle) [125]	X	X		✓		X	X			X	✓		
Clock drawing (4 pt scale) [126]	X	X		✓		X	X			X	✓		
OT-APST (Occupational Therapy Adult Perceptual Screening Test) - clock drawing subtest [22]	X	X		✓		X	X			X	✓		
Clock drawing test (2 pt scale) [14,127]	X	X		✓		X	X			X	✓		
Clock drawing task (Copy) (impaired/normal) [81]	X	X		✓		X	X			X	✓		
Number clockface (printed circle) (impaired/normal) [16]	X	X		✓		X	X			X	✓		
Five-Point test (Regard 1982) [128] (5 Dot test)	✓			✓			X			X	✓		
BIT representational drawing (clock, person, butterfly) [1,2]	X	X		✓		X	X			X	✓		
Draw-A-Man test [129]	X	X		✓		X	X			X	✓		
Writing task [14]	✓			✓		X	X			X	✓	✓	
Arrow location in 3 conditions (blank, lines, numbers) [130]	✓			✓			X			X	✓		

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Tool name (reference)	Egocentric	Allocentric	Personal	Peripersonal	Extraperosnal	Representation	Visual	Tactile	Auditory	Motor	Impairment	Activity Limitation	Participation Restriction
<b>Reading tasks</b>													
Sentence reading [131]	✓	X		✓			✓				✓	✓	
Reading task/ text reading [14]	✓	X		✓			✓				✓	✓	
Sentence reading [123,132]	✓	X		✓			✓				✓	✓	
Single word reading (Vallar 1996) [123]	X	X		✓			✓				✓		
Text reading [133]	✓	X		✓			✓				✓	✓	
Indented paragraph reading test [134]	✓	X		✓			✓				✓	✓	
Indented paragraph test modified [46,134,135]	✓			✓			✓				✓	✓	
Reading of compound-words [133]	✓	✓		✓			✓				✓		
Reading task (individual words & sentences) [35]	✓	✓		✓			✓				✓	✓	
Reading task [136]	✓	X		✓			✓				✓	✓	
Munich reading tests [137]	✓			✓			✓				✓	✓	
Menu subtests of the BIT [1]	X	X		✓			✓				✓	✓	
Article reading subtests of the BIT [1]	X	X		✓			✓				✓	✓	
Neglect dyslexia test - Two-word phrases [138]	X	X		✓			✓				✓		
Neglect dyslexia test - Single words [138]	X	X		✓			✓				✓		
Word reading test (WR; range 0–35) [139]	X	X		✓			✓				✓	✓	
Experimental word reading test (EWR; range:0–35) [139]	X	X		✓			✓				✓		
Single word reading task [140]	X	X		✓			✓				✓		
Article reading (Finnish folk story) [89]	✓	✓		✓			✓				✓	✓	
Neglect dyslexia test (Korean) [141]	X	X		✓			✓				✓		
Conventional text reading task [140]	X	X		✓			✓				✓	✓	
Number reading task (Max 9pts) [121]	X	X		✓			✓				✓		
<b>Other visual tasks</b>													
Ravens Coloured Progressive Matrices (RCPM) (proportion of right and left responses) [46]	✓			✓			✓			(x)	✓		
Visual-counting test [74]	✓			✓			✓				✓		
Picture scanning subtest of BIT [1]	✓			✓			✓				✓		
Overlapping figures test [14,142]	✓	✓		✓			✓				✓		

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Tool name (reference)	Egocentric	Allocentric	Personal	Peripersonal	Extraperсонаl	Representation	Visual	Tactile	Auditory	Motor	Impairment	Activity Limitation	Participation Restriction
<b>Other visual tasks (continued)</b>													
Object search task [143]	X	X		✓			✓			(x)	✓		
Independent segment estimation task [71]	X	X		✓		X	X				✓		
Chimeric object naming test [144,145]	X	X		✓			✓				✓		
Chimeric figures [146]	X	X		✓			✓				✓		
Chimeric faces [147]	X	X		✓			✓				✓		
Wundt–Jastrow area illusion test [148]	X	X		✓			✓				✓		
Eye tracking free exploration task [121]	✓			✓			✓				✓		
Eye tracking visual search task [121]	✓			✓			✓				✓		
Free visual exploration task [149]	✓			✓			✓				✓		
Gaze and head orientation at rest and during active visual exploration [150]	✓			✓			✓			X	✓		
Spontaneous head and eye gaze [151]	✓				✓		✓			X	✓		
Video-oculography with FVE paradigm [152]	✓			✓			✓				✓		
Eye tracking with IADL task [153]	✓			X	X		✓				✓	✓	
Inhibition of return (IOR) - covert/overt attention [154]	✓			✓			✓				✓		
Orientation singletons [155]	✓			✓			✓				✓		
<b>Representational tasks</b>													
The “Bisiach-Ogden test” [156]	X	X		✓		X	X				✓		
Familiar Square Description Test [157,158]	✓					✓					✓		
3 Roman Squares [159]	✓					✓					✓		
Imaginal RT task (towns in France) [160]	✓					✓				X	✓		
Towns on coast of Italy [159]	✓					✓					✓		
Countries of Europe [159]	✓					✓					✓		
Description from memory of map of France [161]	✓					✓					✓		
map of France (and inverted map) [162]	✓					✓					✓		
O’Clock Test [158,163]	X	X		✓		✓					✓		
Map of France (eyes open and eyes closed) [161]	✓					✓					✓		
Tactuo-Motor search (TMS) task [89]	X	X		✓		X	X				✓		

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<b>Personal space tasks</b>													
Fluff test [164]	✓		✓			X		X		X	✓		
modified version of the Fluff Test (6x Left, 4 Right) [28]	✓		✓			X		X		X	✓		
modified version of Fluff test - (12 x upper body) [165]	✓		✓			X		X		X	✓		
modified version of Fluff test - (5xL side, 2xR) [126]	✓		✓			X		X		X	✓		
Vest Test [166]	✓		✓			X		X		X	✓		
Personal neglect evaluation [89]	✓		✓			X	X			X	✓		
Extension of Personal neglect test [167]	✓		✓			X	X			X	✓		
Personal neglect test /Bisiach test (Touching hand) [168]	✓		✓			X	X			X	✓		
<b>Far space tasks</b>													
Dublin Extraperosnal neglect assessment (DENA) [169]	✓				✓		✓			X	✓	✓	
Room description task [4]	✓				✓		✓				✓		
The Visual Scanning Test (VST) [170]	✓				✓		✓				✓		
Large screen tasks (Active space): Detection task and crash task (Single and dual task) [171]	✓				✓		✓			?	✓		
Slide (far space) test [89]	✓				✓		✓				✓		
laser line-bisection task [28]	X	X			✓		X			X	✓		
<b>Far and near space tasks</b>													
Line bisection and Bells Test in near and far space [172]	✓			✓	✓		X			X	✓		
Digitized object cancellation in peripersonal and extraperosnal space) [173]	✓			✓	✓		X			X	✓		
Digitized line bisection task in peripersonal and extraperosnal space) (3 x 22cm lines on page x 4) [173]	✓			✓	✓		X			X	✓		
Line bisection task (10 x lines at 50cm, 1.5m, 3m) [174]	✓			✓	✓		X			X	✓		
Letter cancellation task [173]	✓			✓	✓		X			X	✓		
Schenkenberg line bisection & star cancellation test in near and far extraperosnal space [174,175]	✓			✓	✓		X			X	✓		
Wundt-Jastro area illusion: peri-personal and extra-personal presentation [176]	X	X		✓	✓		✓				✓		
Doorway bisection task [174]	✓			✓	✓		X			X	✓	✓	

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x Deficient performance may be attributable to the subtype, but the scoring does not allow for it to be differentiated from other subtypes.

? Unable to determine from documented protocols.

(x) Alternative protocols of the test involve this subtype (for example motor response if unable to verbalise response)

Tool name (reference)	Egocentric	Allocentric	Personal	Peripersonal	Extraperсонаl	Representation	Visual	Tactile	Auditory	Motor	Impairment	Activity Limitation	Participation Restriction
<b>Personal, far and near space tasks</b>													
Halifax Visual Scanning Test (HVST)[177]	✓		✓	✓	✓		✓				✓		
<b>Dynamic tasks – VR and computer-based</b>													
Test Battery for Attentional Performance (TAP) - neglect subtest [178]	✓			✓			✓			?	✓		
Virtual Reality Lateralized Attention Test (VRLAT) [28, 179]	✓			X	X		X			X	✓	✓	
Virtual reality wheelchair navigation test [180]	✓			X	X		X			X	✓	✓	
VR-DiSTRO (VR-SCT, VR-LB, VR-BTT, VR-EXT)[181]	✓			✓			X			X	✓		
Virtual Environment for Spatial Neglect Assessment (VESNA) [182]	✓			X	X		X			X	✓		
Virtual reality assessment for visuospatial neglect [183]	✓			?	?		✓			X	✓	✓	
VR Assessment and Training system for Unilateral Neglect[184]	✓			?	?		✓			X	✓		
VR -three-dimensional virtual street crossing program[185,186]	✓			X	X		✓				✓	✓	
Virtual Street Crossing system [187]	✓			X	X		X			X	✓	✓	
Ecological VR-based Evaluation of Neglect Symptoms (EVENS) [188]	✓			X	X		X			X	✓	✓	
VR-based goal-directed locomotion task [175]	✓				✓	X	X			X	✓	✓	
Visual Search Task - Cognitive rehabilitation platform Guttman-NeuroPersonal Trainer (García-Molina et al., 2010; Solana et al., 2014; Solana et al., 2015).	✓			✓			X			X	✓		
VISSTA (Visual Spatial Search Task) [189]	✓			?			✓				✓		
Computerised Table Setting Test [94]	✓			✓			X			X	✓	✓	
MonAmour Test (Robot Diagnosis Test for Hemineglect) [178]	✓	✓		✓			✓				✓		
Starry Night Test (SNT) [190]	✓			✓			✓				✓		
Adaptive visual conjunction search task [191,192]	✓			?	?		✓				✓		
Vienna Test System - peripheral perception subtest [193]	✓			✓			✓			X	✓		
TVA - whole or partial report task [194]	✓			✓			✓				✓		
Useful Field of View (UFOV) [195]	✓			✓			X			X	✓		
Simulated driving task [196,197]	✓				✓		X			X	✓	✓	

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(x) Alternative protocols of the test involve this subtype (for example motor response if unable to verbalise response)

Tool name (reference)	Egocentric	Allocentric	Personal	Peripersonal	Extraperсонаl	Representation	Visual	Tactile	Auditory	Motor	Impairment	Activity Limitation	Participation Restriction
<b>Dual tasks</b>													
E-prime single task & dual task [198,199]	✓			✓			✓				✓		
Computerized Visual RT Task: single (CVRT) and dual (CVRT-D) task [196]	✓			✓			✓				✓		
Multi-tasking paradigm (Single and Dual Tasks) [200]	✓			✓			✓		✓		✓		
Dual task test [180]	✓			✓			✓				✓		
<b>Reaction time tasks</b>													
Posner cuing task - Reaction time test / Valid versus invalid cue paradigm [120]	✓			✓			✓				✓		
Spatial cueing (Posner) task [201]	✓			✓			✓				✓		
Eye movement RT task [202]	✓			✓			✓				✓		
Spatial orientation task [203]	✓			✓			✓				✓		
Perceptual RT task/ Reaction time task [69,160]	✓			✓			✓				✓		
<b>Auditory tasks</b>													
Dichotic listening task [204]	✓								✓		✓		
Temporal Order Judgement (TOJ) task [205]	✓			✓			✓			(x)	✓		
Lateralisation of dichotic sound [206]	✓								✓		✓		
Auditory Spatial Discrimination Task [207]	✓								✓		✓		
Psychoacoustic pattern discrimination test (PPDT) modified non-adaptive version [208]	✓								✓		✓		
Visual and Auditory TOJ Task [209]	✓			✓			✓		✓		✓		
<b>Extinction Tasks</b>													
National Institute of Health Stroke Scale (NIHSS) - Neglect /extinction item	x		x	x			x	x	x		✓		
Cog-4 (NIHSS Subscale of 4 Cognitive Items) [210]	x		x	x			x	x	x		✓		
Tactile extinction test DSS (8L, 8R, 8B) [33]	x		x					x			✓		
Visual extinction test DSS (8, 8, 8) [33]	x		x				x				✓		
Thermal pain DSS protocol [33]	x		x					x			✓		
DSS with electromagnetic solenoids (18x/12x + 6 catch trials) [211]	x		x					x			✓		
Confrontation method of extinction (Tactile, auditory, visual) (score 0-9) [212]	x		x	x	x		x	x	x		✓		
Computerised test of visual neglect and extinction [213]	x			x			x			x	✓		
Novel computerised test for visual extinction/neglect [214]	x			?			x				✓		

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(x) Alternative protocols of the test involve this subtype (for example motor response if unable to verbalise response)

Tool name (reference)	Egocentric	Allocentric	Personal	Peripersonal	Extraperosnal	Representation	Visual	Tactile	Auditory	Motor	Impairment	Activity Limitation	Participation Restriction
<b>ADL based tasks</b>													
Catherine Bergego Scale (CBS) [215]	✓		X	X	X	X	X	X	X	X		✓	
Catherine Bergego Scale via KF-NAP [216,217]	✓		X	X	X	X	X	X	X	X		✓	
Subjective Neglect Questionnaire [218]	✓	X	X	X	X	X	X	X	X	X		✓	
ADL checklist [8]	✓		X	X	X		X	X	X	X		✓	✓
Árnadóttir OT-ADL Neurobehavioral Evaluation (A-ONE) [219]	✓		X	X		X	X		X	X		✓	
Catherine Bergego Scale Dutch version [220,221]	✓		X	X	X	X	X	X	X	X		✓	
Catherine Bergego Scale -extraperosnal items (CBS-E) [169]	✓				✓		X		X	X		✓	
OT checklist of everyday neglect behaviours [2]	✓		X	X	X		X	X	X	X		✓	✓
Modified checklist of everyday neglect behaviors [2,6]	✓	X	X	X	X	X	X	X	X	X		✓	✓
Novel ADL-based neglect test (Activities of Daily Living Scale) [11]	✓	X	X	X	X	X	X			X		✓	
Semi-structured scale for the functional evaluation of extraperosnal neglect [222]	✓			✓	✓		✓			X		✓	
Semi-structured scale for the functional evaluation of personal neglect [223]	✓		✓			X	X			X		✓	
Tea Making (TM) Task [224]	✓			✓			X			X		✓	
Document Filing (DF) Task [224]	✓			✓			X			X		✓	
Comb and razor test [225]	✓		✓			X	X			X		✓	
Reformulated comb and razor test [225,226]	✓		X			X	X			X		✓	
Key removal, grocery naming, face washing, tray wiping [165]	✓		X	X			X			X		✓	
Visual Neglect Recovery Index (VNRI) [227]	✓			X	X		X			X	✓	✓	
Naturalistic Action Test (NAT) [228] (Lateralised Attention Score) [229]	✓			X	X		X			X	✓	✓	
Multi-Level Action Test (MLAT) (making toast, wrapping present, packing lunchbox) [230]	✓			✓			X			X		✓	

- ✓ Tool differentiates the neglect subtype.
- x Deficient performance may be attributable to the subtype, but the scoring does not allow for it to be differentiated from other subtypes.
- ? Unable to determine from documented protocols.
- (x) Alternative protocols of the test involve this subtype (for example motor response if unable to verbalise response)

Tool name (reference)	Egocentric	Allocentric	Personal	Peripersonal	Extraperсонаl	Representation	Visual	Tactile	Auditory	Motor	Impairment	Activity Limitation	Participation Restriction
<b>Mobility based tasks</b>													
Mobility Assessment Course [85,231]	✓			X	X		✓			X		✓	
Doorway Accuracy Test (DAT) [232]	✓			X	X		X			X		✓	
Wheelchair assessment Course (WAC) [233]	✓			X	X		X			X		✓	
Cone Evasion Walk Test [234]	✓			X	X		✓			X		✓	
Moss–Magee Wheelchair Navigation Test (MMWNT) [45,180,235]	✓			X	X		X			X	✓	✓	
modified MossReal World Navigation (RWN) test [28, 180]	✓			X	X		X			X	✓	✓	
Wheelchair obstacle course [177,236]	✓			X	X		X			X	✓	✓	
Wheelchair Collision Test (WCT) [237]	✓			X	X		X			X	✓	✓	
Wheelchair assessment Course (WAC) [233]	✓			X	X		X			X	✓	✓	

✓ Tool differentiates behaviours for the neglect subtype.

X Deficient performance may be attributable to the subtype, but the scoring does not allow for it to be differentiated from other subtypes.

? Unable to determine from documented protocols.

(X) Alternative protocols of the test involve this subtype (for example motor response if unable to verbalise response)

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