

Assessment of computer task performance

Identification form

Name :

Birth date (d / m / y):

Sex : M ___ F ___

Diagnosis : specify the diagnosis as well as the degree of impairment or disorder

- degenerative disease
- spinal cord injury
- cerebral palsy
- musculoskeletal impairment
- non-degenerative neuromuscular disease
- other

Education : indicate the highest diploma obtained or the last completed year of school

- primary
- secondary
- college or university

Main occupation : indicate the current occupation and the main previous occupation (if relevant).

- at home
- at school
- at work job:

Name of examiner:

Date (d/m/y)

Time at beginning of test:

Time at end of test :

Computer experience:

- rate and length of use: none ___ low ___ (a few times)
average ___ (occasional use) high ___ (regular use)
- reason for use: games and leisure ___ study ___ work ___
internet ___

Knows a typing method: yes ___ no ___

Dominant side: right ___ left ___

Assistive devices used:

Experience with the assistive device(s) used:

Computer and software used (brand, model, clock speed, memory):

Part I : Tasks Involving Writing and Keyboard Functions

Preliminary Tasks

PK-1) Covering the entire keyboard

Success level: S SE PS F Observations:

PK-2) Executing double or triple keys

Success level: S SE PS F Observations:

Standardized and Timed Keyboard Tasks

K-1) Alphabet

Length of time: Trial 1 _____ Trial 2 _____
Success level: Trial 1 : S SE PS F Trial 2 : S SE PS F
Corrections made during the task: Trial 1 : Yes__ No__ Trial 2 : Yes__ No__
Observations:

K-2) Writing words (Model 1)

Length of time: Trial 1 _____ Trial 2 _____
Success level: Trial 1 : S SE PS F Trial 2 : S SE PS F
Corrections made during the task: Trial 1 : Yes__ No__ Trial 2 : Yes__ No__
Observations:

K-3) Writing sentences (Model 2)

Length of time: Trial 1 _____ Trial 2 _____
Success level: Trial 1 : S SE PS F Trial 2 : S SE PS F
Corrections made during the task: Trial 1 : Yes__ No__ Trial 2 : Yes__ No__
Observations:

K-4) Repeating keys and double keys (Model 3)

Length of time: Trial 1 _____ Trial 2 _____
Success level: Trial 1 : S SE PS F Trial 2 : S SE PS F
Corrections made during the task: Trial 1 : Yes__ No__ Trial 2 : Yes__ No__
Observations:

K-5) Holding a key down (Transparency 1 & Model 4)

Length of time: Trial 1 _____ Trial 2 _____
Success level: Trial 1 : S SE PS F Trial 2 : S SE PS F
Corrections made during the task: Trial 1 : Yes__ No__ Trial 2 : Yes__ No__
Observations:

K-6) Moving the cursor with the keyboard keys (File & Transparency 2)

Length of time: Trial 1 _____ Trial 2 _____
Success level: Trial 1 : S SE PS F _____ Trial 2 : S SE PS F
Corrections made during the task: Trial 1 : Yes__ No__ Trial 2 : Yes__ No__
Observations:

Print and save the written work of this section for later correction.

Quit the word processing software and write down the name of the file.

The file will be used once again at the end of the section which assesses mouse performance in Task K-7. Now move on to Part II which assesses mouse performance.

K-7) Integrated task: text

Length of time: Trial 1 _____ Trial 2 _____
Success level: Trial 1 : S SE PS F _____ Trial 2 : S SE PS F
Corrections made during the task: Trial 1 : Yes__ No__ Trial 2 : Yes__ No__
Observations:

K-7-b) Selecting with the mouse

Success level: Trial 1 : S SE PS F _____ Trial 2 : S SE PS F
Observations:

Print and save the written product of this section for later correction.

Quit the word processing software and write down the name of the file.

Part II : Tasks Involving Pointer and Mouse Functions

Preliminary Tasks

PM-1) Using the mouse

■ Left-clicking

Success level: S SE PS F Observations:

■ Right-clicking (if relevant)

Success level: S SE PS F Observations:

■ Double-left-clicking

Success level: S SE PS F Observations:

■ Moving the pointer around the whole screen

Success level: S SE PS F Observations:

■ Moving (dragging) an icon around the whole screen

Success level: S SE PS F Observations:
PM-2) **Moving around in a document using the scroll bar**

■ Starting software
Success level: S SE PS F Observations:

■ Moving around in the document
Success level: S SE PS F Observations:

PM-3) **Moving around in drop-down menus**

■ Moving around in the drop-down menus using the left mouse button (method 1):
Success level: S SE PS F Observations:

■ Moving around in the drop-down menus using the left mouse button (method 2):
Success level: S SE PS F Observations:

■ Moving around in the drop-down menus using the right-mouse button (Windows only) (method 1):
Success level: S SE PS F Observations:

■ Moving around in the drop-down menus using the right-mouse button (Windows only) (method 2):
Success level: S SE PS F Observations:

PM-4) **Using the windows**

■ Double-clicking to open a window
Success level: S SE PS F Observations:

■ Moving the window
Success level: S SE PS F Observations:

■ Making the window bigger or smaller by clicking in the upper corner
Success level: S SE PS F Observations:

■ Closing the window by clicking in the upper corner
Success level: S SE PS F Observations:

PM-5) **Combining mouse and keyboard tasks**

Success level: S SE PS F Observations:

Standardized and Timed Mouse Tasks

M-1) **Pointing and clicking (Transparency 3)**

Path 1 :	Success level: S SE PS F	Observations:
Path 2 :	Success level: S SE PS F	Observations:
Path 3 :	Success level: S SE PS F	Observations:
Path 4 :	Success level: S SE PS F	Observations:

Global success level: Trial 1: S SE PS F Trial 2: S SE PS F
Total for Paths 1 to 4 : Trial 1 _____ Trial 2 _____
Observations:

M-2) Dragging and dropping (curved path) (Transparency 4)

Success level: Trial 1: S SE PS F Trial 2: S SE PS F
Length of time: Trial 1 _____ Trial 2 _____
Observations:

M-3) Dragging and dropping (right-angled path) (Transparency 5)

Success level: Trial 1: S SE PS F Trial 2: S SE PS F
Length of time: Trial 1 _____ Trial 2 _____
Observations:

M-4) Stopping the pointer at a precise place and double-clicking (Transparency 6)

Position 1 :	Success level: S SE PS F	Observations:
Position 2 :	Success level: S SE PS F	Observations:
Position 3 :	Success level: S SE PS F	Observations:
Position 4 :	Success level: S SE PS F	Observations:
Position 5 :	Success level: S SE PS F	Observations:
Position 6 :	Success level: S SE PS F	Observations:

Global success level: Trial 1: S SE PS F Trial 2: S SE PS F
Total length of time: Trial 1 _____ Trial 2 _____
Observations:

M-5) Dragging and dropping (repeated actions) (Transparency 7)

Path A :	Success level: S SE PS F	Observations:
Path B :	Success level: S SE PS F	Observations:
Path C :	Success level: S SE PS F	Observations:
Path D :	Success level: S SE PS F	Observations:
Path E :	Success level: S SE PS F	Observations:
Path F :	Success level: S SE PS F	Observations:

Global success level: Trial 1: S SE PS F Trial 2: S SE PS F
Total length of time: Trial 1 _____ Trial 2 _____
Observations:

M-6) Changing a window's size using the sides (Transparency 8)

Success level: Trial 1: S SE PS F Trial 2: S SE PS F
Total length of time: Trial 1 _____ Trial 2 _____
Observations:

M-7) Changing a window's size using the corners (Transparency 9)

Success level: Trial 1: S SE PS F Trial 2: S SE PS F
Total length of time: Trial 1 _____ Trial 2 _____
Observations: