Script
Familiar Tools Test

Background
Important for use of common tools in daily life of patients

Items
– **5 items** plus 3 practice items, of which only the first one has to be executed; the other two can be executed if it is necessary for ensuring task comprehension
– 1 Item consists of **one recipient object and three tools**

Materials
– Evaluation sheet and pen

Objects	Tools	Objects	Tools
plate with noodles	fork	dustpan with snippets	hand brush
pan with fried egg	spatula	wooden board with screw and nut	wrench
shoe	shoe brush		bottle opener
pot filled with water & bowl/ soup plate	laddle		tweezers
paper	stapler		chalk
board	sponge		

Instructions for the therapist
– Object and tools are presented **centrally** in front of the patient. Or in case of **neglect** it rather should be **shifted** towards the unaffected side**,** so the patient is able to perceive all tools and parts of the object. Three tools are laid down side by side according to the template on the evaluation sheet and the object is presented behind the tools (from the patient's point of view)
– The test is seeking for the **most common version** of using the object.
– All tasks have to be solved with the **ipsilesional** hand. It is **not allowed to use the other hand for help**. Possible supportive functions are undertaken by the therapist.

Instructions for the patient
"I will now show you an everyday object *(show where the object is set up)* **and three tools** *(show three fingers)***. Please select the one tool that is most suitable to be used with the object. Take it into your hand, and show how you would apply it. Please actually perform its use one time in the correct manner and not only feint it. If you realize that you have chosen the wrong tool, you can always switch to another tool. We will start with one practice item. If you have any questions, please do not hesitate to ask them."**

– If the first tool is wrong and the patient does not realize that: **"There is another tool that works better with this object."**

– If the first application is wrong: **"Maybe try another way to use the tool with this object."**

Evaluation and interpretation

– **Selection Scale**
  – **First Correct** (2 Points) = 1st used tool was the correct one
  – **Second Correct** (1 Point) = 2nd used tool was the correct one
  – **Total Error** (0 Points) = 3rd used tool was the correct one or the patient did not select anything, and the therapist gave him the correct tool
  – **Maximum number of points**: 10 points

  – **Interpretation recommendation**: "The patient had severe/ moderate/ mild/ no difficulties to select the correct tools for the tasks."

– **Production Scale**
  – each one point is given for correct **grip-formation (G), grip-orientation (OT), movement-content (M) and movement-orientation (O)** → exactly defined on the evaluation sheet
  – only patients which meet **all four criteria** on the Production Scale of one item can reach a "First or Second Correct" evaluation on the Execution Scale
  – **Maximum number of points**: 20 points

  – **Interpretation recommendation**: "The patient showed difficulties especially in the grip/ the orientation of thumb/ the movement-content/ the movement-orientation while performing the action. / The patient had no difficulties to perform the required movements."

– **Execution Scale**
  – **only the correct tool** is evaluated for the execution
  – **First Correct** (2 Points) = tool is used correctly at first attempt to manipulate the object in a typical fashion
  – **Second Correct** (1 Point) = tool is used correctly in the 2nd attempt to manipulate the object
  – **Total Error** (0 Points) = neither the 1st nor the 2nd attempt was successful
  – **Maximum number of points**: 10 points

  – **Interpretation recommendation**: "The patient had severe/ moderate/ mild/ no difficulties when using the tools."

Additional interpretation recommendations

– **Selection good – Production/ Execution bad:** "The patient can associate the correct tools with the objects but is not able to use them correctly."
– **Selection bad – Production/ Execution good:** "The patient only understands the concept of the task when he is holding the correct tool in hand."
– **Selection and Production/ Execution bad:** "The patient has no concept which tools and objects belong together. Further, he is not able to use the tools in a correct manner."