



English Version of CWPT (Color Words Pick-out Test)

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Background

CWPT [1-4], which is able to detect a slight disorder of cognitive function in PCSD (Preclinical Stage of Dementia), is attracting attention as a neuropsychological test that allows screening at the stage where we must rely on expensive testing equipment such as PET and MRI. CWPT is a test for identifying colors and remembering episodes simultaneously while reading a story containing Color Words (Appendix 1). Original Japanese Version of CWPT is named CKPT (Color Kanji-character Pick-out Test). Using it, we had examined evidence in Japan, which were presented at two international conferences [5,6] and published in an international journal [7]. Through these presentations and publication, we are asking for collaborative researchers word-wide because CWPT can be easily translated and used in various languages.

Announcement of English Version of CWPT

The English version of CWPT that we developed not only translates the Japanese version, but also includes two enhancements. The first enhancement is to double the length of the story. As a result, the tester can be free from the following hassles: the test time for those under 60 is halved, and the test results are doubled. So, you can compare from young people to elderly people within the same criteria. The second enhancement is the improvement of the PowerPoint used by the explainer when

the subjects receive the CWPT. Conventionally, the explainers have been given a certain amount of education to ensure the uniformity of the explanation, but there was a tendency for the test results to vary, due to individual differences amongst the explainers. To solve this problem, we have developed a new tool that incorporates the narrator image and explanation into the PowerPoint used for explanation. As a result, I hope that the explainer's variations will be eliminated.

The tools for the English version of CWPT developed are listed below:

1. English Story and Questions booklet
2. English version PowerPoint with narrator
3. Booklet of tester's manual
4. CWPT Implementation Manual Booklet,

Where 1 is distributed to subjects and 2-4 is issued to collaborator.

Joint Research Procedure

Researchers wishing to collaborate should inform their desired purpose of CWPT application. After that, we will enter into a

nondisclosure agreement and discuss the purpose and conformity of the CWPT. It is important to note here that the diagnostic criteria obtained in Japan needs to be reconstructed in the country of the collaborator, and the evidence obtained in Japan also needs to be

retaken in that country. Next, we will enter into a Collaboration Agreement and disclose the contents. We will cooperate in the acquisition of funds necessary for research.

Story

Last Sunday, Renate went swimming with her red bag.
She went up the hill and could see the long grey sandy beach below.
There were red, pink, and yellow beach umbrellas like flowers.

Questions

1. What color is her bag? (red, yellow, pink, forget)
2. What did she go out for? (shopping, swimming, skiing, forget)

Appendix 1: Sample of Story and Questions of English Version of CWPT. First, the subject reads the story. When the subject encounters colored words while reading, she/he will mark ○ if the printed color and the meaning of the color match, and mark X if they do not match. At the same time, the subject will remember the episode of the story. Next, the subject will respond to Questions without looking at the story. The functional evaluation is obtained by the functions of both parties.

Conclusion

This study is being further refined and we hope to work with researchers around the world to achieve the completion of these screening tests for preclinical stage of dementia.

Acknowledgment

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Conflict of Interest

No conflict of interest.

References

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