

Resource Summary Report

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Colorado Assessment Tests - Tower of London

RRID:SCR_003507

Type: Tool

Proper Citation

Colorado Assessment Tests - Tower of London (RRID:SCR_003507)

Resource Information

URL: <https://neuropsychological-assessment-tests.com/sanzen-tower-london-test>

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Description: CATs Tower of London test is a free, computer-based software test originally developed by Shallice (1982) to investigate problem solving in subjects with damage to the frontal lobes. The CATs Tower of London Test comes with one preprogrammed test along with extensive normative data for that test. You can also create a test using your design. Briefly, subjects are required to move colored beads from a window on the left (working area) until they achieve the arrangement in the window on the right (goal position). Subjects are instructed to try to achieve the goal arrangement in as few moves as possible. The software contains a Tower of London test. The test contains trials with 3 beads and 3 pegs, 4 beads and 4 pegs, and 5 beads and 5 pegs. You can use the Setup screen to create a test using your design. A test can contain 3, 4, and 5 bead problems with varying number of moves required for the optimal solution. In Shallice's initial investigation using the Tower of London, patients with damage to the left anterior frontal lobe demonstrated impaired planning (i.e., greater number of moves required for solution). Patients with damage to the right anterior, and left or right posterior areas of the frontal lobes were not impaired. Thus, results from this initial study provided support for the view that the left anterior frontal lobe area is involved in the planning required for solving the Tower of London test. Recent studies using neuroimaging techniques support this notion. Studies using regional cerebral blood flow (rCBF) imaging indicate an involvement of the left frontal lobes in the planning required for successfully completing the Tower of London puzzle. Studies of patients with damage to the frontal lobes indicate less cortical specificity, but are consistent with the view that the frontal lobes are involved in the planning required for solving this puzzle.

Abbreviations: CAT Tower of London

Synonyms: Tower of London

Resource Type: material resource, assessment test provider

Keywords: frontal lobe, assessment, brain, human, left anterior frontal lobe, left frontal lobe, left mesial frontal lobe, problem solving

Resource Name: Colorado Assessment Tests - Tower of London

Resource ID: SCR_003507

Alternate IDs: nif-0000-00208

Old URLs: <http://www.catstests.com/Product03.htm>

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Ratings and Alerts

No rating or validation information has been found for Colorado Assessment Tests - Tower of London.

No alerts have been found for Colorado Assessment Tests - Tower of London.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.