

COGNITIVE IMPAIRMENT DIAGNOSTIC DEVICE AND COGNITIVE IMPAIRMENT DIAGNOSTIC PROGRAM

[ABSTRACT]

5 A cognitive impairment diagnostic device (1) includes: an
obtainer (41) that obtains a distribution map representing a
distribution of gaze points of a subject on a movie for cognitive
assessment; and a diagnoser (39). The movie for cognitive
assessment includes, in time order: a first movie including a first
10 region including an image for encoding displayed in a visually
enhanced manner, and a plurality of second regions including normal
images displayed without being enhanced; and an assessment movie
including a third region including an assessment image similar to the
image for encoding and displayed at a same position as the image for
15 encoding without being visually enhanced, and the second regions.
The diagnoser (39) calculates, in a distribution map on the
assessment movie, a percentage of fixation duration for which the
third region is focused on, and makes diagnosis of suspected memory
impairment when the percentage of fixation duration is lower than a
20 threshold.

[Fig. 2]