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&

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**The effect of artistic expression as observed by Near-Infrared Spectroscopy****Mari IMAI**

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This research in one consideration uses the non-invasive characteristic brain functional device at the time of an art expression. The subjects are adults, both women and one man. All subjects are right-handed and all tasks were performed in a calm seated state. These subjects have no professional experience in art and did not practice it on a regular basis either. The conditions were equal for all subjects. While the subjects did their tasks they were evaluated through the NIRS. Both men and the women were tasked to draw pictures. Tasks were assigned and circumstances on the activation of the cerebral adrenal cortex were inspected. Each task was set in 60 seconds. The first tasks included both two-dimensional drawing on a plane surface and three-dimensional modeling using clay. As a result, you could see the activation of the frontal oxy-hemoglobin. This research considering the time of art expression using NIRS (and small number of tested subjects) requires further continuous research.

**Biography**

Completed PhD program with a Ph.D. degree in Ritsumeikan University, with Honors. Finished Ph.D. program without dissertation, Tohoku University School of Medicine. I am Associate Professor in SHITENNOJI UNIVERSITY. I had published more than 10 books in Academic and non Academic books.

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