

6th International Conference on

EPIDEMIOLOGY & PUBLIC HEALTH

October 23-25, 2017 | Paris, France



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AS ONE EXAMPLE OF TRIALS OF HEALTH ASSESSMENT FOR MEDICAL ACCESS-VOICE APPROACH OF IDENTIFICATION OF DIFFERENT PLURAL PERSONAE IN DISSOCIATED IDENTIFY DISORDER (DID) PATIENTS

Aim: The aim of this study is to initialize of voice approach in DID patients by which health side could access medical experts in the regional health area. It has been already known about 30% of DID patients led to suicides and the rapid change of persona is the high-risk sign of suicide. Here it was tested preliminarily if the discrimination of plural personae could be possibly performed.

Materials & methods: The voice of DID patients were recorded from You Tube and analysed using PRAAT (software). In this study, the voice of DID patients by each personae was quantified and generalized linear analysis and logistic regression analysis with nest treatment were performed using SAS GENMOD Procedure and LOGISTIC procedure.

Results: In the generalized linear model, the model using S.D. similarity showed the good fit shown as the followings, $\chi^2=8.4$ in type 1& 3 analysis, $P>0.0383$, the possibility of discrimination of different personae in one individual body would be shown as the followings, Persona A: Odds=6.31, 95%CI=0.0007-0.0059, and Persona B: Odds=5.15, 95%CI=0.0003-0.0042. Also this possibility of discrimination could depend on the difference of syllables.

Conclusion: Without forensic statistics, using a general statistical method with nested treatments, some interpretations could be possible and if the assimilation and the validity of the model were not enough, something could be given to interpreting even for the personal identification in one body.

Biography

Toshiko Sawaguchi has been acting as an originally pediatric forensic pathologist and moved to the epidemiology and public health field since 1st April 2015 as the research managing director.

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