

# Evaluation Technique of Facial Expression Analysis in Elderly Patients with Dementia and Subjective Quality of Life

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This study clarified a relationship between Japanese version Dementia Quality of Life Instrument (DQoL) and facial expression analysis using Philadelphia Affect Rating Scale (PARS). There was significant positive correlation between anxiety/fear (PARS) and negative feelings (DQoL), depression (PARS) and sense of aesthetic (DQoL). Interest (PARS) and sense of aesthetic (DQoL) showed a significant negative correlation. It was suggested that DQOL was related to PARS, moreover, DQOL was able to evaluate the QOL in elderly patients with dementia.