

Development of a make-up method for facial palsy patients using artificial intelligence software for severity diagnosis

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We developed artificial intelligence software for facial palsy severity diagnosis using segmentation analysis and wrinkle analysis. We used facial movement movies of 20 patients and 5 normal volunteers on the Yanagihara facial nerve grading system. Then we tried to develop a make-up method for facial palsy patients using the artificial intelligence software, but due to the Covid-19 situation, we experienced only preliminary make-up for three facial palsy patients and could not develop the standardized method. As the three patients were very satisfied with the make-up, we will continue to develop the method.