

SOCIAL EMOTIONAL INFORMATION
PROCESSING IN ADULTS: DEVELOPMENT
AND PSYCHOMETRICS OF A
COMPUTERIZED VIDEO ASSESSMENT IN
HEALTHY CONTROLS AND AGGRESSIVE
INDIVIDUALS

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SOCIAL EMOTIONAL INFORMATION PROCESSING IN ADULTS: DEVELOPMENT
AND PSYCHOMETRICS OF A COMPUTERIZED VIDEO ASSESSMENT IN HEALTHY
CONTROLS AND AGGRESSIVE INDIVIDUALS

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Abstract

A computerized version of an assessment of Social-Emotional Information Processing (SEIP) using audio-video film stimuli instead of written narrative vignettes was developed for use in adult subjects. This task allows for an assessment of encoding or relevant/irrelevant social-emotional information, attribution bias, and endorsement of appropriate, aggressive, and relationally aggressive responses to aversive social-emotional stimuli. The psychometric properties of this Video-SEIP (V-SEIP) assessment were examined in 75 healthy controls (HC) and in 75 individuals with DSM-5 Intermittent Explosive Disorder (IED) and were also compared with the original questionnaire (SEIP-Q) version of the task (HC = 26; IED = 26). Internal consistency, inter-rater reliability, and test-retest properties of the V-SEIP were good to excellent. In addition, IED participants displayed reduced encoding of relevant information from the film clips, elevated hostile attribution bias, elevated negative emotional response, and elevated endorsement of physically aggressive and relationally aggressive responses to the ambiguous social-emotional stimuli presented in the V-SEIP. These data indicate

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