

38th ASIA- PACIFIC

NURSING AND MEDICARE SUMMIT

OCTOBER 03-04, 2018 OSAKA, JAPAN

Psychometric investigation and measurement of hunger and pleasure

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Fernandez's (2001) Anger Parameters Scale (APS) conceptualizes anger activity according to frequency, duration, intensity, latency and threshold. The first three of the five parameters are based on the Multidimensional Anger Inventory (MAI) subscales while latency and threshold measures are related to pain and other perceptual responses. Five parameters measuring were: (1) How often one gets angry, (2) how long the anger lasts, (3) how strong the anger is, (4) how quick to anger, and (5) how sensitive to provocation. Cronbach reliability estimates for an adult community sample were 0.85 (Frequency), 0.90 (Duration), 0.62 (Intensity), 0.88 (Latency) and 0.74 (Threshold). Five anger parameters were extracted with a principal component analysis (PCA). A separate PCA analysis based on the subscale inter-correlations led to a one-component solution termed the Degree of Maladaptiveness of Anger. The parameters are internally consistent and supported by preliminary factor analytic investigation. Fernandez and colleagues in 2014 reported significant differences on the frequency, intensity, and duration scales with the forensic sample (N=125) having high scores on these three parameters than a non-forensic (N=182) samples. The purpose of the educational intervention was to apply the Fernandez five parameters model (frequency, duration, intensity, latency and threshold) to the constructs of hunger and pleasure. Participants were 130 traditional undergraduate nursing students. Principal-axis factor analysis and Cronbach reliability estimates found two common factors were extracted for the hunger and pleasure constructs with reliability coefficients above 0.80.

Biography

Dale M Hilty is an Associate Professor at the Mount Carmel College of Nursing, USA. He has received his PhD in Counseling Psychology from the Department of Psychology at The Ohio State University. He has published studies in the areas of psychology, sociology and religion.

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