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Correlational research between the instrument on pattern identifications for depression and psychological tests by statistical analysis**Hwan Kim, Hun-Soo Lee, Eun Jung Lee, Joon-Ho Park, Wee-Chang Kang and In Chul Jung**Dept. of Oriental Neuropsychiatry, College of Korean Medicine,
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This study was performed to analyze correlation between the instrument on pattern identifications for depression and psychological tests by Pearson correlation coefficient and regression analysis. Two assessors carried out evaluation about the instrument on pattern identifications for depression and performed psychological test (Beck Depression Inventory (BDI), State-Trait Anxiety Inventory (STAI), State-Trait Anger Expression Inventory (STAXI), The Temperament and Character Inventory (TCI), Insomnia Severity Index (ISI_Total), Self-Disclosure Inventory, Subjective Well-being Inventory, Health Perception Inventory, Personality Assessment Inventory (PAI)) targeting 167 participants who got HAM-D score over 12. Our research team carried out Pearson correlation coefficient analyses and regression analysis between pattern identifications for depression and psychological tests and we list up by descending order and interpret result. Through Pearson correlation, stagnation of liver Qi is associated with BDI (0.60), STAI (0.55), dual deficiency of the heart and spleen is associated with BDI (0.60), ISI_Total (0.52), STAI (0.42), relieving stagnation of phlegm-Qi is associated with BDI (0.65), STAI (0.54), subjective well-being inventory (-0.52), Qi-deficiency mingled with sputum is associated with BDI (0.50), ISI_Total (0.40), STAI (0.395), stagnant Qi transforming into fire is associated with BDI (0.56), STAI_TR (0.51), health perception inventory (-0.458), Yin-deficiency with effulgent fire is associated with BDI (0.55), ISI_Total (0.54), STAI (0.41). Finally, through associated instrument on pattern identifications for depression and psychological tests. We can suggest system for oriental medical diagnosis objectives to depression

Table 4. System for Oriental Medical Diagnosis Objectives to Depression

Pattern identifications for depression	Primary screening test	Associated Examination
Stagnation of Liver Qi		Health perception Inventory
Dual Deficiency of the Heart and Spleen		Health perception Inventory
Relieving stagnation of Phlegm-Qi	BDI, ISI, STAI	State-Trait Depression Inventory (Trait) subjective well-being inventory
Qi-deficiency Mingled with Sputum		State-Trait Anger Control Inventory Health perception Inventory
Stagnant Qi Transforming into Fire		Health perception Inventory STAXI_TR
Yin Deficiency with Effulgent Fire		State-Trait Anger Out Inventory

Biography

Hwan Kim has his expertise in evaluation and passion in improving the health and wellbeing. He specializes in depression in acupuncture and herbal medicines, moxibustion, psychotherapy, etc., in the Oriental Medicine Psychiatry Department of Daejeon University. The statistical analysis of the relationship between Instrument on Pattern Identifications for Depression developed based on oriental medicine theory and the commonly used psychological tests contributed to the development of medical treatment for depression.

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