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**DEVELOPMENT OF MENTAL HEALTH ASSESSMENT TOOL
FOR THAI OLDER ADULTS**

CHANITA PRADITSATHAPORN

**A THESIS SUBMITTED IN PARTIAL FULFILLMENT
OF THE REQUIREMENTS FOR
THE DEGREE OF DOCTOR OF PUBLIC HEALTH
FACULTY OF GRADUATE STUDIES
MAHIDOL UNIVERSITY
2011**

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Thesis
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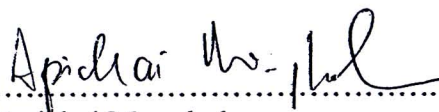
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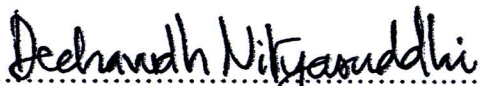
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DEVELOPMENT OF MENTAL HEALTH ASSESSMENT TOOL FOR THAI OLDER ADULTS [MHAT-T]

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ABSTRACT

The purpose was to develop an instrument to assess the mental health for Thai older adults [MHAT-T]. The study was divided into three phases: phase I: identifying domains of mental health for Thai older adults, phase II: developing a scale, and phase III: testing psychometric properties.

In the first phase, identifying domains was developed through a process of qualitative methods both in-depth interviews and focus group discussions in Thai context. Content validity was examined by 13 experts and the content validity index (CVI) was 0.99. Face validity was clarified and readability was conducted with 15 older adults. The initial questionnaire consisted of 100 items used with 40 older adults. The second phase was developing the scale. In the third phase, the psychometric properties of the MHAT-T were assessed by 1,266 older adults in various regions in Thailand. Data was collected through self-administered questionnaires from July 2009 to May 2010. Tests of internal consistency proved the reliability for new instrument to be 0.83. Test-retest stability also revealed a high reliability of 1.00. Construct validity was tested by exploratory factor analysis with Promax rotation and five factors emerged, consisting of: 1) Family attachments, 2) Mental quality, 3) Social well-being, 4) Mental status, and 5) Mental capacity, which explained 55.8% of the variance. The final draft of the MHAT-T was 32 items.

This instrument has adequately captured a newly identified construct was sufficient evidence to support criterion of validity and reliability and could be used for assessment mental health for Thai older adults. Future studies should be carry test for validity and reliability of the MHAT-T.

KEY WORDS: INSTRUMENT DEVELOPMENT/MENTAL HEALTH/THAI OLDER ADULTS.

161 pages

การพัฒนาเครื่องมือประเมินสุขภาพจิตผู้สูงอายุไทย

DEVELOPMENT MENTAL HEALTH ASSESSMENT TOOL FOR THAI OLDER ADULTS,
[MHAT-T]

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บทคัดย่อ

การศึกษานี้มีวัตถุประสงค์เพื่อพัฒนาเครื่องมือประเมินสุขภาพจิตผู้สูงอายุไทย การศึกษาแบ่งออกเป็น 3 ระยะ คือ ระยะที่ 1 ระบุองค์ประกอบของสุขภาพจิต ระยะที่ 2 พัฒนาเครื่องมือและระยะที่ 3 ทดสอบคุณภาพเครื่องมือ

ระยะที่ 1 ระบุองค์ประกอบของสุขภาพจิตโดยใช้วิธีการสัมภาษณ์เชิงลึกและสนทนากลุ่ม ความตรงตามเนื้อหาได้รับการตรวจสอบจากผู้เชี่ยวชาญจำนวน 13 คนและผู้สูงอายุจำนวน 15 คน ได้ค่าดัชนีความตรงเนื้อหาอยู่ในระดับสูง (CVI = 0.99) เครื่องมือฉบับร่างจำนวน 100 ข้อ ถูกทดสอบกับกลุ่มตัวอย่าง 40 คน ระยะที่ 2 พัฒนาเครื่องมือ ระยะที่ 3 เครื่องมือถูกทดสอบคุณภาพกับผู้สูงอายุจำนวน 1,266 คนที่อาศัยอยู่ในทุกภาคของประเทศไทย เครื่องมือเป็นแบบสอบถาม ระยะเวลาเก็บข้อมูลระหว่างเดือน สิงหาคม 2552 ถึง มกราคม 2553 ความเชื่อมั่นอยู่ในระดับดีสำหรับเครื่องมือที่พัฒนาใหม่ มีค่าเท่ากับ 0.83 การทดสอบความเชื่อมั่นโดยวิธีทดสอบก่อนและหลังพบว่า ความเชื่อมั่นอยู่ในระดับดี มีค่าเท่ากับ 1.00 การทดสอบความตรงตามโครงสร้างโดยการวิเคราะห์องค์ประกอบโดยใช้วิธีการหมุนแกนแบบ Promax พบว่าสกัดองค์ประกอบได้ 5 ปัจจัย

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LIST OF ABBREVIATIONS

ABS	Affect Scales: Positive Affect, Negative Affect, and Affect Balance
APA	American Psychiatric Association
ABS	Affect Scales: Positive Affect, Negative Affect and Affect Balance
BST	Boorse's biostatistical theory of disease
CMHI	Community Mental Health Indicator
HTH	The Holistic Theory
PGC	The Philadelphia Geriatric Center
GWS	The General Well-being Schedule
OHQ	The Oxford Happiness Questionnaire
EFA	Exploratory Factor Analysis
ICC	Intra-class Correlation Coefficient
IMCT	The information-memory-concentration test
KKU-DI	Khon Kaen University Depression Inventory
KOM	The Kaiser Meyer Olkin
TGDS	Thai Geriatric Depression Scale
MADRS	Montgomery Asberg Depression Rating Scale
MHAT-T	Mental Health Assessment Tool for Thai Older Adults
PCA	Principle Component Analysis
ROC	A Receiver Operational Characteristics
WHO	World Health Organization
GDS	Geriatric Depression Scale
LSS	Life Satisfaction Scale
LSIA	Life Satisfaction Index A
LSIB	Life Satisfaction Index B