

**PREVENTIVE BEHAVIORS REGARDING FOOT  
ULCERS IN DIABETES TYPE II PATIENTS  
AT BMA HEALTH CENTER NO. 48,  
BANGKOK, THAILAND**



Mr. Son Yong Kim

A Thesis Submitted in partial fulfillment of the Requirements  
for the Degree of Master of Public Health Program in Health Systems Development

College of Public Health Sciences,

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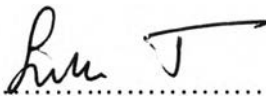
By                     Son Yong Kim

Field of Study     Health Systems Development


Thesis Advisor   Prathurng Hongsrnagon, Ph.D.

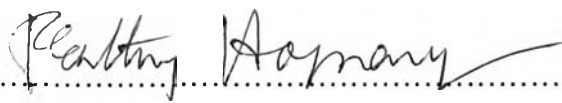
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partial fulfillment of the requirement for the Master's Degree

  
.....Dean of College of Public Health Sciences  
(Professor Surasak Taneepanichsakul, M.D.)

#### THESIS COMMITTEE

  
.....Chairperson  
(Robert Sedgwick Chapman, M.D., M.P.H.)

  
.....Thesis Advisor  
(Prathurng Hongsrnagon, Ph.D.)

  
.....External Member  
(Wongwat Liuluck, M.D.)

PH: 072470: MAJOR HEALTH SYSTEMS DEVELOPMENT

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An analytical cross-sectional survey on KAP of preventive behaviors regarding foot ulcers in diabetes type II patients at BMA Health Center No. 48, Bangkok, Thailand, was conducted in 300 samples being OPD patients visiting Diabetes Clinic at the Center during February to March 2008 and mainly found that (1) the samples' knowledge was on a moderate level (53.6%) with moderate level of attitudes (49.0%), but still with low level of practices (40.0%). Out of all demographic characteristics data, gender, monthly household income, monthly household expenditure, family history of diabetes, marital status, and occupation, played a role in statistical association with attitudes and practices of preventive behaviors regarding foot ulcers (3) regarding the association among KAP, there was a significant statistically relationship between knowledge and attitudes ( $p < 0.05$ ) and between attitudes and practices ( $p < 0.05$ ), but not between knowledge and practices of preventive behaviors regarding foot ulcers ( $p$ -value 0.487). The key recommendation made is that a complete cycle of intervention should be achieved, namely, knowledge, attitudes, awareness, and practices, in order to increase patients' practices of preventive behaviors regarding foot ulcers. The missing link of awareness to KAP on the current issue is the main improvement required for existing health prevention/promotion campaign offered by the involved public sector.

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## LIST OF ABBREVIATIONS

ABI	Ankle-brachial index
ADA	American Diabetes Association
BMA	Bangkok Metropolitan Administration
CDA	Canadian Diabetes Association
DM	Diabetes mellitus
ESRD	End– stage renal disease
OPD	Out patient department
PWD	Person with diabetes
RNAO	Registered Nurses’ Association of Ontario
SPSS	Statistical Package for the Social Science
SWM	Semmes-Weinstein monofilament
WHO	World Health Organization