

3836812 PYCP/M : MAJOR : CLINICAL PHARMACY ; M.Sc. in Pharm.

(CLINICAL PHARMACY)

KEY WORDS : CAI / HYPERTENSION / COUNSELING

MONTHANA PRASANKET : COMPUTER PROGRAM FOR COUNSELING
HYPERTENSIVE PATIENTS. THESIS ADVISORS: SRICHAN
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SANVARINDA, Ph.D. 90 P. ISBN 974-662-641-8

A computer program about hypertension and antihypertensive drugs was developed in this study. It was designed to be used by pharmacists for counseling hypertensive patients. ToolBook II Instructor was used as the authoring tool. The content in the computer program was divided into 2 sections. Section 1) General basis in hypertension consisted of definition, cause and risk factors, complications and patient compliance. Section 2) Management in hypertension consisted of lifestyle modification and drug therapy. The language used in this program was Thai except for some specific words. The efficiency of the computer program was evaluated by qualitative method. The satisfaction scores from 20 hospital pharmacists who were responsible for inpatient, outpatient clinic or counseling service were collected. The satisfaction scores were evaluated in two aspects: (1) completeness of the content in each counseling topic, and (2) quality of the computer program. In the first aspect, the average satisfaction scores of each topic range between 8.50 ± 1.28 and 9.00 ± 0.79 (0 = not satisfied, 10 = most satisfied). In the second aspect, the average satisfaction scores of quality of the computer program such as convenience in using the program, appropriateness of images and sound, quality of presentation and advantage of the computer program range between 8.65 ± 1.09 and 9.05 ± 0.94 . Thus, it is concluded that the hospital pharmacists who tested this computer program were satisfied with the advantage and knowledge gain achieved by using the program.