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AMANEE NASANEE : DIABETES KNOWLEDGE THROUGH INTERNET IN THAI LANGUAGE. THESIS ADVISORS: KORBTHAM SATHIRAKUL, Ph.D., THEP HIMATHONGKAM, M.D., F.A.C.P., ANUCHAI THEERARUANGCHAI, M.S. 101 P. ISBN 974-663-623-5

Diabetes mellitus is a chronic disease. Patients require continuing medical care to prevent complications. Patient education is an important factor that encourages self management and diabetes control.

The internet can be used for dissemination of diabetes knowledge. However, Thai diabetes web sites are limited. The objectives of this study were to develop a Thai language diabetes web site for diabetic patients and interested people.

Microsoft FrontPage version 98b was used as the authoring tool. The uniform resource locator was <http://dmsite.bizland.com>. Diabetes web was divided into 2 parts. Part 1 consisted of context providing definition, etiology, and risk factors, nutrition, symptoms, classification, complications, treatments, prevention, mortality rates, and questions & answers. Part 2 contained a user questionnaire for web site evaluation.

The web site was evaluated by 50 users. Satisfaction scores according to context completeness, increased knowledge, visual and audio performance, entertainment, and user friendliness were 87.48%, 91.80%, 81.56%, 85.04%, and 90.32%, respectively. This data was analyzed using descriptive statistics.

It can be concluded from this study that the diabetes web can provide desirable knowledge for Thai users. However, the web should be modified with more attractive multimedia.