Wannakorn Srirot 2009: Development of Obstetric Nursing Web-Based Information System. Doctor of Philosophy (Curriculum and Instruction), Major Field: Curriculum and Instruction, Department of Education. Thesis Advisor: Associate Professor Maturos Chongchaikit, Doctorat de 3eme Cycle 210 pages.

The objectives of this research were 1) to survey the taught topic contents and the teaching and learning problems in obstetric nursing; 2) to develop the Obstetric Nursing Web-Based Information System; and 3) to study the opinions of the obstetric nurse teachers on the Obstetric Nursing Web-Based Information System and its usage models.

The 2 sample groups, selected by purposive sampling from the public and private universities and colleges in North-East of Thailand, were : 1) the 43 obstetric nurse teachers and 633 nurse students used for the survey on the topic contents and teaching and learning problems ; and 2) the 41 obstetric nurse teachers used for the study of the opinions on the Web-Based Information System and its usage models. The research instruments consisted of two sets of questionnaires on taught contents and the teaching and learning problems in obstetric nursing for nurse teachers and nurse students; and the questionnaire for the study of the opinions of the nurse teachers on the Obstetric Nursing Web-Based Information System and its usage models.

The research findings were as follows : 1) the Obstetric Nursing Web-Based Information System was designed and developed according to the survey results. It's URL was at : www.km.rtu.ac.th/obstetrics ; 2) most of the obstetric nurse teachers had good opinions on the Obstetric Nursing Web-Based Information System for its contents, its application in teaching and learning and its interfaces at 3.20, 3.32 and 3.12 percents consecutively; and 3) the usage models of the Obstetric Nursing Web-Base Information System that were mostly suggested by the nurse teachers were the usage as supplementary material in class and the usage as suggestive additional search resources for the nurse students.

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