RUNGNAPA NAKAPAKORN : A DEVELOPMENT OF AN OBJECTIVE STRUCTURED CLINICAL EXAMINATION IN MEASURING THE CLINICAL SKILLS FOR NURSING STUDENTS. THESIS ADVISOR : ASSO. PROF. PUANGKAEW POONYAKANOK, 120 pp. ISBN 974-6387-715-4.

The purpose of the study was to develop a performance procedure to assess clinical skills for nursing students. An Objective Structured Clinical Examination was constructed with 9 procedure stations and 1 question station. Nursing students were rotated in attending all stations. A sample concisted of 42 fourth-year nursing students from Boromarajonnani Lampang Nursing College who used to practise in operation room. The collected data were analyzed to find the validity and reliability of the test. The findings were as follows :

1. According to the expert judgment, all stations were considered to have content validity.

2. The Peason's Product Moment Correlation Coefficient between OSCE total scores and scores from the instructors was 0.40 at .05 level of significance. This showed the concurrent validity.

3. The Peason's Product Moment Correlation Coefficient between 2 raters ranged from 0.61 to 0.93 at .001 level of significance. This showed the interrater reliability.

4. The test-retest scores of the students were highly consistent as shown by their means and standard deviations.

5. The reliability of an OSCE estimated by Cronbach's Alpha Coefficient was 0.36.

6. All stations have the internal consistency ranged from .18 to .93 which was estimated from Cronbach's Alpha Coefficient.

7. All stations do not have the interstation correlation at .05 level of significance, except the sterile technique station (OPEN) and the physical examination station (EXAM) with the correlation coefficient of 0.57 and significant at .05 level.

8. All stations have the discrimination index ranged from .30 to .69 at .05 level of significance except the history taking station (HISTORY) and the patient position station (POSIT).

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สาขาวิชา   การวัดและประเมินผลการศึกษา   ลายมือชื่ออาจารย์ที่ปรึกษา
ปีการศึกษา 2540   ลายมือชื่ออาจารย์ที่ปรึกษาร่วม