METHODOLOGY

The purpose of this study is to compare the effectiveness of lecture using PPT and lecture cum demonstration on knowledge regarding cranial nerve assessment among B.sc nursing students in selected college.

SOURCES OF DATA

1. Research approach : Experimental approach is used for the study.
2. Research design : Quasi Experimental design
3. Setting of the study : Selected Nursing colleges at Lucknow.
4. Sample size : 400 samples
5. Population : B.Sc Nursing students
6. Sampling technique : Convenient sampling

Selected variables

Dependent variables : Knowledge and skill of B.Sc (N) students
Independent variables : Lecture using PPT and Lecture cum demonstration
Demographic variables : Age, sex, religion etc.

Sampling criteria

Inclusion criteria
- Third year BSc nursing students who are willing to participate in study.
- Third year BSc nursing students who are present during the data collection.
- Third year students who have just passed their 2nd year exam.

Exclusion criteria
- Student who are repeaters in the same class.

METHOD OF DATA COLLECTION

Tool for data collection

Tool 1: Part 1-Demographic proforma

Part 2-Structured knowledge questionnaire to assess knowledge on cranial nerve assessment.

Tool 2: Observation check list

Methods of data analysis and interpretation
Data will be analyzed according to the objectives of the study using descriptive and inferential statistics and will be presented in the form of tables, graphs, and diagram.

**Descriptive Statistics:**

Frequency, percentage, means, median and standard deviation will be used to explain demographic variables and to compute the knowledge on evidence based practice and its importance in nursing practice.

**Inferential Statistics:**

Students’ t’ test will be used to find out the effectiveness each teaching method. Chi-square test will be used to find out the association between selected demographic variables with knowledge on evidence based practice and its importance in nursing practice.

**WORK PLAN**

- To develop tool on cranial nerve assessment
- Permission will be obtained from concerned authorities.
- The purpose of the study will be explained to the students and informed consent will be obtained from them.
- Pre test will be given to the students.
- Convenience sampling will be used to assign the students to group 1 (lecture using PPT) and group 2 (lecture cum demonstration).
- Teaching on cranial nerve assessment will be given to group 1 using lecture using PPT.
- Group 2 will be taught cranial nerve assessment using lecture cum demonstration.
- After 7 days post test will be conducted using the same structured knowledge questionnaire.

**UTILITY**

The research findings will help in planning the best teaching method so that the students will be able to develop their skills before they are getting exposed to the hospital environment. At the same time the quality of patient care can also be improved.