

A Study To Assess The Knowledge Level Regarding Hospital Information System Among Undergraduate Students In Selected Health Science Colleges At Meerut, U.P.

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Abstract:

Statement of the problem: “A study to assess the knowledge level regarding hospital information among undergraduate students in selected health science colleges at Meerut U.P,” **Objectives:** 1. To assess the knowledge level regarding hospital information system among under graduate students. 2. To find the association between knowledge score with their selected socio-demographic variable. **Methodology:** A Quantitative research approach and descriptive research design was used in this study. Sample size comprised of 200 undergraduate students and the sample was selected by convenient sampling technique. Self structured questionnaire used to collect the data. The gathered data was analyzed using descriptive and inferential statistics. **Results:** The findings shows that out of total 200 samples 7(3.5%) were having poor knowledge, 53(26.5%) were having moderate knowledge, 120(26.5%) were having adequate knowledge and 20(10%) were having Excellent knowledge of health science college on hospital information system. The chi-square test shows that there was no significant association between knowledge score and with their socio demographic variable on hospital information system among the course of study of the individual. **Conclusion:** The study revealed that undergraduate students were having adequate knowledge of health science colleges on hospital information system. There was no association between knowledge score of undergraduate students with their socio demographic variables.

Key Words: Assess, Hospital Information System, Undergraduate students

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I. Introduction:

Hospital information system provides a common source of information about a patient's health history. The system has to keep data in a secure place and controls who can reach the data in certain circumstances. Hospital information system is also known as hospital management software. Hospital information system mainly focus on hospital functions and activities like medical care, Nursing staff, medical records office and manage patients activities. Our present modern information system makes use of computers for the execution, each of them connected through an optimized network Considering a multispecialty hospital, many people enter and exit the hospital in a day and maintaining their records safely is tedious in nursing Records. This study investigates nursing students' internet use, knowledge about electronic health and attitudes to technology and how experiences of e health are handled during the education.

Statement of the problem:“A study to assess the knowledge regarding hospital information system among under graduate students in selected Health science colleges at Meerut, UP”

Objectives: 1. To assess the knowledge regarding Hospital Information System among under graduate students. 2. To find the association between knowledge score with their selected socio demographic variable.

II. Methodology:

Research Approach: Quantitative research approach, **Research Design** - Descriptive research design, **Population:** The target population of this study is under graduate students of health science colleges of Swami Vivekananda Subharti University in Meerut. **Techniques:** convenient sampling technique **Sample size:** 200.

The tool consists of two sections Section A. Demographic variables of the samples, Section B. Self structured knowledge questionnaire.

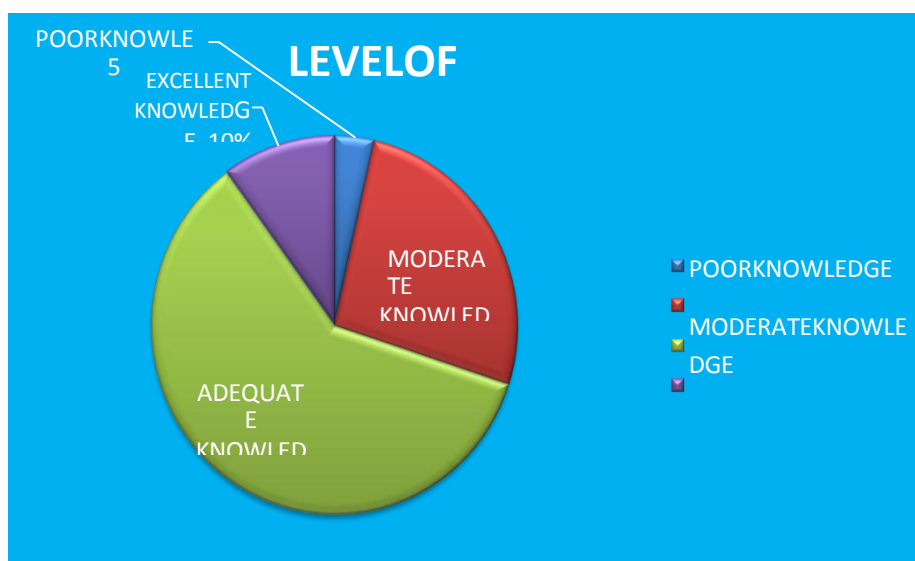
The data analysis was done using descriptive and inferential statistics.

Analysis and Interpretation of data:

Table 1: Percentage wise distribution of under graduate students according to their demographic characteristics:

S. No.	Demographic Variables	Frequency Distribution	Percentage
1.	Age		
	17-24	193	96.5%
	25-32	07	3.5%
2.	Gender		
	Male	94	47%
	Female	106	53%
3.	CourseofStudy		
	BPT	52	26%
	BNYS	45	22.5%
	Paramedicalscience	52	26%
	B.ScNursing	51	25.5%
4.	Yearofstudy		
	1 st year	68	34%
	2 nd year	56	28%
	3 rd year	32	16%
	4 th year	21	10.5%
	4.5 th year	23	11.5%

Fig. 1: Pie chart showing the level of knowledge regarding hospital information system among undergraduate students in selected health science



III. Conclusion :

In this study 200 samples were collected 7(3.5%) were having poor LOK and 53(26.5%) were having moderate LOK and 120(60%) were having poor LOK 20 (10%) were having excellent knowledge. There was no significant association between LOK score of undergraduate students with selected demographic variables age, gender, year of study and course of study Among under graduate students of health science college at Meerut U.P . Out of total 200(100%) samples were having no any significance effect, 7(3.5%) were having poor knowledge, 53(26.5%) were having moderate knowledge 120(60%) were having adequate knowledge and 20(10%) were having excellent knowledge level regarding hospital information system The study concluded that undergraduate students were having adequate knowledge level of hospital information system. Thus author urged that screening for level of knowledge for various kinds or ought to be suggested.

Implications of the study: The findings of the study can be used in the following areas: Nursing Education Nursing education can conduct workshop/seminars to update the knowledge level regarding hospital information system its health consequences to promote the level of knowledge and practice regarding hospital information system. Nurse is an educator can introduce new teaching methods in informing the knowledge level regarding hospital information systems. Nurse educator can conduct mass health education programs to create awareness regarding hospital information system Nursing practice: The study finding can be utilized as health impact factor. Nurse can organize program such as workshops, seminars to make undergraduate students aware about the health consequences and level of knowledge regarding hospital information system. Nursing administration: The nurse administrator can organize program to create awareness related to health consequences and knowledge level of hospital information system Nurse administrator can organize continuing education program regarding knowledge level regarding hospital information system Nurse administrator can prepare and distribute information booklet about hospital information system. Nursing research The study findings can be effectively utilized by emerging research to conduct further students. The study findings can be a base line for further studies to build upon for imposing the body of knowledge in research.

Recommendations: On the basis of findings, the following are recommended: 1. A similar study can be replicated on large sample to generalized finding. 2. A comparative study can be conducts to find health consequences and knowledge level regarding hospital information system. 3. A study can be done to assess the knowledge level regarding hospital information system among undergraduate students.

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