

Assess Nursing Students Knowledge Regarding Forensic Nursing In Hafar Al-Batin University.

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I. INTRODUCTION:

Forensic nursing science is defined as the application of the forensic aspects of healthcare combined with the bio/psycho/social/spiritual education of the registered nurse in the scientific investigation and treatment of the trauma or death of victims and perpetrators of violence, criminal activity, and traumatic accidents. It provides direct services to individual clients and consultation services to nursing, medical, and law- related agencies, and it provides expert court testimony in areas dealing with questioned death investigative processes, adequacy of services delivery, and specialized diagnoses of specific conditions as related to nursing .(3) Forensic nursing is different from other forensic disciplines in that forensic nursing is: more likely to have knowledge applied at the clinical/legal interface, as not all forensic disciplines have a clinical component; more likely to provide care and services to both victims and offenders, living and deceased; and more likely to be responsible for medication administration, supervision, and evaluation of the impact of medication (8).The American Academy of Forensic Sciences was the first professional organization to recognize forensic nursing as a scientific discipline and provided credibility to this new specialty in 1991 . Virginia provided well-defined evidence of the need to utilize well-trained professional nurses in the scientific investigation, care, and treatment of victims of violent crime or trauma or who have died(3). Forensic nursing was first informally derived from the broad field of forensic medicine in the United Kingdom and in Canada. However, it was first defined as scientific discipline and officially recognized as a nursing specialty in the United States (12) .The high rates of domestic violence and sexual assault in Taiwan suggest that forensic nurses have an important role to play in domestic healthcare(2). since 1995 Britain Has forensic nursing includes a forensic psychiatric nursing sub-specialty, which emphasizes practicing forensic nursing for mental health patients(9) Unfortunately, the forensic nursing specialty does not exist in Saudi Arabia.

THE AIM OF STUDY IS:

The aim of study is to assess nursing student knowledge regarding forensic nursing in Hafar Al-Batin University.

GENERAL OBJECTIVE:

assess nursing students knowledge regarding forensic nursing in Hafar Al-Batin University

SPECIFIC OBJECTIVE :

- 1-Assess nursing students knowledge about concept of forensic nursing.
- 2-Assess nursing students knowledge about types.
- 3-Assess association with legal issue.
- 4-Assess perception of nursing students about forensic nursing.

II. METHODOLOGY:

Research Design: observations study and descriptive quantitative research design was used in this study.

Sample: institute based of Hafer Albatin university and post graduate students, with sample size 354 students.

Setting: this study was conducted in nursing department , collage of applied medical science ,UHB.

The inclusion criteria: The inclusion criteria for respondents was students in Hafar AL-batin university in nursing college.

Tool of data collection: an online questionnaire was build by the researchers to obtain the necessary data. This tool comprised the following parts:

Part I: Socio-demographic questionnaire such as sex, age, level of education.

Part II: knowledge data and 13 questions prepare by researchers

The scoring of knowledge regarding forensic nursing was as follow:

- Less than Scores 15 was poor knowledge regarding forensic nursing .
- Scores 16-20 was moderate knowledge regarding forensic nursing .
- Scores 21-26 was good knowledge regarding forensic nursing .

Statistical Analysis: The data was coded, entered, revised, tabulated and analyzed using SPSS (version 20). Descriptive statistics (frequency numbers and Percentages) were used to present students socio-demographic data and their knowledge levels regarding forensic nursing

Table (1) : Socio- Demographic Characteristics of the Study Subject

Table1: demonstrates the percentage distribution of socio- demographic characteristics of the nursing students. Percentage of female students was the highest among the students (63.3%).Nearly three quarter of the students (72.3%) aged from 18-22 while (2.8%)of them were more than 28years. Concerning the educational level, it was found that (40.4%)were in second level, while (5.7%) Master students.

Characteristics of the studied student	Study subject No=354	
	No	%
Sex:		
Meals	130	36.7%
Female	224	63.3%
Educational status:		
First year	43	12.1%
Second year	143	40.4%
Third year	39	11%
Fourth year	109	30.8%
Master student	20	5.7%
Age:		
18-22 years	256	72.3%
23-26 years	88	24.9%
More than 28 years	10	2.8%

Characteristics of the studied student	Study subject No=354	
	No	%
Health staff have legal responsibilities about forensic case declaration? Yes No I don't know	139 46 169	39.3% 13% 47.7%
Health staff have criminal, judicial, administrative and professional responsibility? Yes No I don't know	142 60 152	40.1% 16.9% 42.9%
Trauma- and/or death-related abuse, violence, criminal activity, liability, and accidents. Examining forensic documents, intoxication's, addiction are more common forensic case? Yes No I don't know	142 53 158	40.1% 15% 44.9%
Forensic nurse examiners is types of forensic nursing? Yes No I don't know	129 66 159	36.4% 18.6% 44.9%
Forensic psychiatric nursing is types of forensic nursing? Yes No I don't know	133 63 158	37.6% 17.8% 44.6%

Table 2: Assessment of Nursing Student Knowledge Regarding Forensic Nursing In Hafar Al-Batin University .

The emergency nurse is type of forensic nursing?		
Yes	114	32.2%
No	82	23.2%
I don't know	158	44.6%
Forensic nurse practice in hospitals ?		
Yes	125	35.3%
No	66	18.6%
I don't know	163	18.6%
Forensic nurse practice in coroner's and medical examiner offices ?		
Yes	151	42.7%
No	39	11%
I don't know	164	46.3%
Forensic nurse practice in corrections institutions and psychiatric hospitals?		
Yes	132	37.3%
No	59	46%
I don't know	163	16.7%
Should forensic nursing be recognized as separate subject?		
Yes	142	40.1%
No	57	16.1%
I don't know	155	43.8%
Do you feel forensic nursing is at all necessary in day to day nursing work?		
Yes	142	40.1%
No	63	17.8%
I don't know	149	42.1%
Health staff should have forensic psychiatry education besides psychiatric education?		
Yes	147	41.5%
No	46	13%
I don't know	161	45.5%
Do you want to be a forensic nurse?		
Yes	133	37.6%
No	68.	19.2%
I don't know	153	43.2%

Figure (1) nursing students levels of knowledge regarding forensic nursing

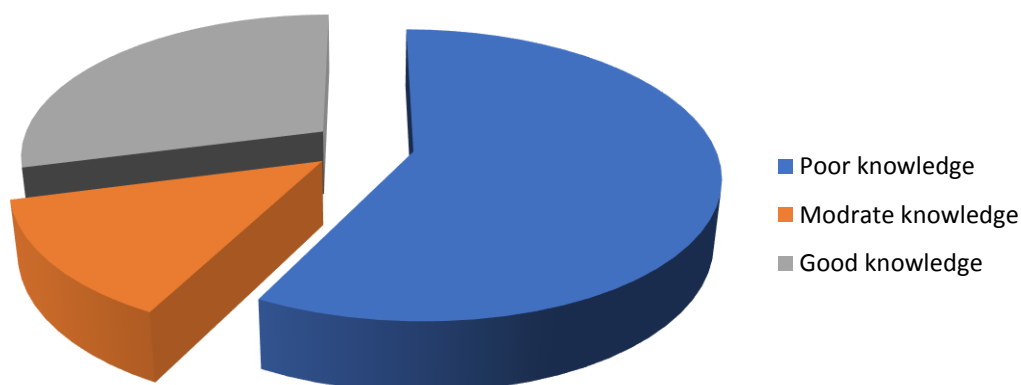


Figure (1):This figure described the overall knowledge regarding forensic nursing. It was noticeable that total levels of knowledge was categorized as good knowledge (29,1%), moderate knowledge(13.3 %) and poor knowledge(57,6%).

III. Discussion:

A forensic nurse's skill set combines knowledge of the medical field, as well as the criminal justice system layered with a calm, compassionate demeanor. The role of a forensic nurse involves caring for crime victims or people who have suffered abuse, So the study provided quantitative information about nursing student knowledge about forensic nursing .However, health staff have legal responsibility about forensic nursing declaration The findings of this study revealed that (47.7%) they don't know, while the study done in turkey 2013 found that % 75 of students know about legal responsibility. Also our study revealed that minority of participant (32%) knew about types of forensic nursing. Although Forensic nursing is vital subject our present study showed that (40%) from study population believed that forensic nursing is necessary subject this result bears less the findings of the study done by Emine Tugba 2018, 94.7% of students believed that both forensic nursing should be an area of specialization. The results of this study showed that the knowledge status of forensic nursing insufficient (57.6%) from study population were poor knowledge, this results is similar to study done in Turkey – Izmir by (Dilek özden , Hüsna özveren and Ilkin Yilmaz) which found the majority of students had poor knowledge about forensic nursing.

IV. Conclusion:

The results of this study showed nursing students knowledge regarding forensic nursing in Hafar Al-BatinUniversity. Obviously majority of students have insufficient knowledge regarding forensic nursing In conclusion nursing students are able to increase level of knowledge regarding forensic nursing by educational courses related to forensic nursing.

Recommendation: To increase nursing students knowledge regarding forensic nursing the following recommendation are suggested:

- 1) The forensic nursing become required course
- 2) variety workshop and training will be done.
- 3) variety study will be done in forensic nursing because there is no a lot of research done is Saudi Arabia regarding forensic nursing.

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