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## **A study to assess the knowledge regarding organ donation among nursing students in Narayana nursing institutions, Nellore, A.P.**

**K Usharani, Bineesha Binoy, Dr. Indira S, Latha A and Tejaswi**

**Abstract**

Organ donation is the donation of biological tissue or an organ of the human body from a living or dead person to a living recipient in need of transplantation. Organ donation is a gift of an individual to help someone who needs a transplant organ. The transplantation of human organs from one into another is a major miracle of modern medicine.

**Objective:** To assess the knowledge regarding organ donation among nursing students.

**Methods and Materials:** Qualitative research approach with descriptive research design was adopted and 100 samples were selected by using convenient sampling technique and assessed knowledge levels of nursing students by using structured questionnaire and data was analysed by descriptive and inferential statistics.

**Results:** The study concluded that majority of student nurses have moderately adequate knowledge regarding organ donation.

**Keywords:** Assess, knowledge, organ donation, nursing students

**Introduction**

Organ donation is the gift of an individual to help someone who needs a transplant organ. Transplantation how greatly improved the gain outlook of patients suffering from end stage of organ failure.

**Need For the Study**

Today in this modern world the incidence of organ failure is increasing due to various reasons. The quality of life should be improved for those individuals with organ failure who can manage through organ transplantation. Through the field of organ transplantation has grown enormously the recipient waiting list is no high due to organ shortage.

**Objectives**

- To assess the level of knowledge among nursing students regarding organ donation.
- To find out the association between the level of knowledge regarding organ donation among nursing students with their selected socio demographic variables.

**Assumptions**

All nursing students may not have adequate knowledge regarding organ donation.

**Delimitations**

**The study is limited to**

- Nursing students in narayana nursing institutions in Nellore.
- It is limited to 100 samples
- Duration of data collection is 2 weeks only.

**Methodology**

- Research approach – Quantitative approach
- Research design – Descriptive method
- Setting of the study – Narayana nursing institutions, Nellore.
- Population – Nursing students
- Sample size - 100 nursing students
- Sample technique – convenient Sample technique

**Description of the Tool**

**Part-1** Demographic variables as age, educational status, religion, source of information, educational qualification.  
**Part-2** Deals with structured questionnaire on organ donation.

**Score Interpretation**

Level of knowledge	score	Percentage (%)
Inadequate knowledge	0-14	<50
Moderately adequate knowledge	15-20	50-70
adequate knowledge	21-30	>70

**Plan for Data Analysis**

Sl.no	Data analysis	Method	purpose
1.	Descriptive statistics	Frequency and percentage of demographic variables.	To describe the level of knowledge on organ donation.
2.	Inferential statistics	Chi square test	To find out the association between demographic variables and knowledge.

**Data Collection Procedure**

The data collection was done after taking formal permission to conduct the study. The researcher explained to the subjects about the purpose of study and 100 Subjects were selected by using convenient sampling technique, structured questionnaire was used to assess the knowledge of students. It was taken 30minutes for each student to complete the questionnaire. The completed data was analysed by using descriptive and inferential statistics.

**Data Analysis**

**Section-I**

Frequency and percentage distribution of demographic data of nursing students.

**Section-I I**

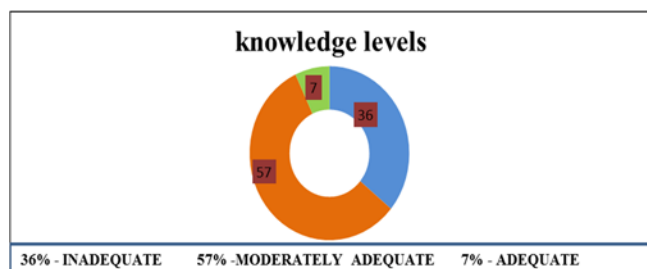
Frequency and percentage distribution of level of knowledge regarding organ donation among nursing students.

**Section-I I I**

Association between the level of knowledge regarding organ donation among nursing students and their socio demographic variables.

**Level of Knowledge Regarding Organ Donation among Nursing Students (N=100)**

Level of knowledge	Frequency(f)	Percentage (%)
Inadequate	36	36
Moderately adequate	57	57
Adequate	7	7
Total	100	100



**Distribution of Mean and Standard Deviation**

MEAN	Standard Deviation
15.21	3.85

**Association between the Level of Knowledge Regarding Organ Donation among Nursing Students and Their Socio Demographic Variables.**

There is significant association between demographic variables as age, educational qualification, educational status, religion and source of information with the level of knowledge on organ donation among nursing students.

**Discussion and Major Findings of the Study**

Among 100 nursing students, majority of students as, 43% of nursing students were 22-23 years of age group, 32% of students were had educational qualification of B.sc(N), 58% of students, are studying 2<sup>nd</sup> year, 63% of students are Christians, 58% of students received knowledge from the teachers and 57% of nursing students are having moderately adequate knowledge.

**Recommendations of the Study**

- The replication of the present study can be conducted with large samples.
- The study can be conducted with other group members.

**Conclusion**

There is a need to educate the students on organ donation, it helps the to enhance the knowledge of students on organ donation.

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