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Research Paper

A STUDY TO ASSESS THE KNOWLEDGE OF STAFF NURSES REGARDING ELECTRO CONVULSIVE THERAPY

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Electro convulsive therapy is a psychiatric treatment in which seizures are electrically induced in patient to provide relief from mental disorders. ECT is often used with informed consent as a last line of intervention for measure depressive disorder, mania and catatonia. Complications can be avoided by proper pre-evaluation and Administration of electro convulsive therapy with modification and Adequate care. For that nurses should have advance knowledge regarding electro convulsive therapy for better outcome of patient. To assess the knowledge of staff nurse regarding electro convulsive therapy. Descriptive survey method was used for study.30 staff nurse were selected for the study from of hospital for mental health, Ahmadabad Gujarat by Random probable Sampling method. Data was collected by objective type test. Findings revealed that highest percentages (36.67%) were in >40 year in age and most of the participants (80%) were female. Majority of sample (66.67%) were GNM qualified and majority (63.33%) had a working experience from 1-5 years. Majority of Samples were having average knowledge regarding ECT. This indicated that we still need to increase knowledge of staff nurses.

Key words: Study, Assess, Electro convulsive therapy, staff nurse, mental disorder

INTRODUCTION

Electro convulsive therapy is one form of treatment given to mentally ill patient. Electro convulsive therapy has been available for use since the 1930. Ugocerletti and Luciobini, who were two Italian physicians working in the 1930 were the first to use electro convulsive therapy to treat patient with severe mental illness. It was originally tried in schizophrenia but it was soon shown to benefit patient with mood disorder.[1] It was originally used without either anesthesia or muscles relaxants or patient suffered significant injury Electro convulsive therapy is used routinely to treat patient with major depression, delusional depression, mania and depression associated with bipolar disorder and schizophrenia it reduce the symptoms related to

different mental conditions. In electro convulsive therapy patient is treated with short acting anesthetics, muscles relaxants and breathe pure oxygen. There are some side effects of treatment such as headache, stiffing, confusion and temporary memory loss. The majority of these complications can be avoided by proper pre evaluation and administration of electro convulsive therapy (ECT) with modification and adequate care.[2]

For that nurses should have advance knowledge regarding electro convulsive therapy for better outcome of patient. By assessing the knowledge regarding electro convulsive therapy by structured knowledge questionnaires, give information booklet

to staff nurse to improving knowledge regarding Electro convulsive therapy and give quality of care to the patient's during ECT.[3]

Objectives of the Study

- To assess the knowledge of staff nurse regarding electro convulsive therapy.

Material and Methods

In this research study Descriptive survey method was used as research approach and research design is made.30 staff nurse were selected for the study from of hospital for mental health, Ahmedabad, Gujarat. For the selection of sample Random probable Sampling method was used. Data was collected by objective type test (M.C.Q). Descriptive tool was made in two section in which section 1 contain personal information and section 2 is deals with the knowledge of staff nurse regarding electro convulsive therapy. Data analysis include descriptive and inferential statistic.[4, 5]

Table 1: Knowledge of staff regarding ECT

Knowledge frequency	Classification of score	frequency	Percentage
Good	(21 -30)	1	3.33%
Average	(11-20)	28	93.33%
Poor	(0-10)	1	3.33%
Total	-	30	100%

This Study findings revealed that highest percentages (36.67%) were in >40 year in age and most of the participants (80%) were female. Majority of sample (66.67%) were GNM qualified and majority (63.33%) had a working experience from 1-5 years. Study finding shows that from 30 Samples, only 3.33% (1 sample) were having good knowledge regarding ECT. Majority of samples that is 93.33 % (28 samples) were having average knowledge regarding ECT. 3.33% (1 Sample) were having poor knowledge regarding ECT. This indicated that we still need to increase knowledge of staff nurses.

CONCLUSION

This study was done to assess the knowledge of staff nurses regarding Electro Convulsive Therapy in Hospital for Mental Health Ahmedabad, Gujarat. As per as knowledge concerned about only 3.33% staff nurses have good knowledge regarding ECT , 93.33 % staff nurses have average and 3.33 % staff nurses have a poor knowledge regarding ECT. There is need for providing knowledge regarding Electro Convulsive Therapy to staff nurses to reduce rate of complications and improve patient's health.

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