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Фонд оценочных средств
ОТЧЕТ по производственной
практике (научно-
исследовательская работа)

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REPORT

ON MANUFACTURING PRACTICES

(RESEARCH WORK)

Topic: Fatigue Severity Scale (FSS)

Perform by

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Grade 3rd course Group 35

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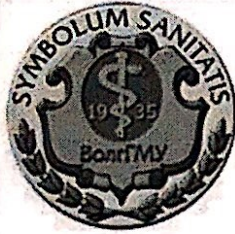
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Завершение в течение

Проф.

Р.А. Кудрин

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Report content.

- **Introduction**
- **Literature review**
- **Materials and methods**
- **Results**
- **Summary**
- **List of references**

INTRODUCTION:

What is the meaning of fatigue according to our knowledge, it means the weakness or any tired of the human body by both ways mental & physical. The word or term called fatigue can be expressed in so many ways some of the examples are weakening, so much of work so tired, no energy and many too (Zodet M.W.,1993).

The main description for the creation of Fatigue Severity Scale is to separate or to differentiate the depression which are all decreased by clinically, so from this we are having a clear information that they both share same information like symptoms. We know that, by simple way of questioning the people or the student who are studying in the university. We can easily rate the place of weaknes with the use of FSS. In this

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case subjectivity is one of the very big problem & obvious problem (Albert E.Z.,2016).

Here we are going to do an experiment for example that is going to explore that how much powerful the symptoms & severity of the fatigue is and for this example we are having the nine statements that means FSS questionnaires. Here we are asking the subject to read by giving them an book or newspaper and then we want to write ordinary numbers from 1 to 10 or may be more. Then we must note the subject for not less than one week how much they are suitable. The value is low subject not suitable if the value is quite high it means subject is suitable (Basker K.N.,2011).

The FSS the main uses of the scale is to find the variety of fatigue in variety of disorder like hepatitis, chronic fatigue syndrome and so on (Revicki D.K.,1998).

LITERATURE REVIEW:

To find the score of the FSS to more individual with many sclerosis & systemic lump for this score we want consistency to the internal and test retesting reliability. This is handled by the college students and the experienced person in the field. And one important thing is this must be conducted on the healthy persons. If we repeat the scoring to same people there may similar scoring may obtain as a result (Chan K.P.,1999).



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Energy fatigue scale this is also one of the division of fatigue and many types of this scale is built by the researchers. The specialty is the Energy Scale is same as FSS like we seen above. To score the rating of the fatigue. For the Energy Fatigue scale main points are given by experienced researchers (Friedberg W.E.,1878).

Now we understand importance to know how much we need energy. If we are not taking the food properly we should think about the feature problems i.e lack of power. The expansion of disorder of weaknes and also the distance that occur during the fatigue has an bad reflection on the academic side. This is the main goal to go through work on literature according to the weakness disorder,work due to the problem of weakness can also be occurs, the college must give awareness of tiredness.

This is an under graduated medical school student about the tired. These are mentioned on the awareness, it is accompanied by the doctor student which is poor energy and affect the problems which arise due to the lack of power ,and ability to the physiological function normally. These makes the trainers in the med school to make the literature and professor awake to make the necessary procedure to bring up the students life in an better way. The needed thinking in the life is energy. The leaner and the trainer need to improve the out comes among the people they treat. These factors are as two such such as environmental and inner body factors. The events which lead to increase stress level due to problem of relation ,due to hard work and may also

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due to lack of food. The problems lead to fatigue abnormalities. To avoid kind of complaints there should be class for med students and trainers in medical colleges should be given awareness in the topic of disorder that may occur due to the lack of energy (Jason K.K.,1990).

From the reviews it become clear that the tool FSS is very useful. We know that this scale measurement is so much accurate about the disability and the severity. FSS give very clear demonstration for the patient health control and changes due to the sensitivity combine with the therapy named cognitive therapy (Krupp L.R.,2016).


<https://www.researchgate.net>

AIM OF STUDY:

To measure the disabling fatigue tendency of different people with simple and standard questions using the example of 15 medical students (Both the sex) of Volgograd State Medical University. To measure the disabling fatigue in multiple sclerosis and systemic lumps erythematosus.

TASK OF THE STUDY:

- a) Collect information about different people's fatigue.
- b) Collecting answers for the questionnaire.

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- c) Analyzing the results of the questionnaire.
- d) Calculating the standard deviation of the result.
- e) Comparing the result with normal peoples.
- f) Providing practical recommendation using Chalder fatigue scale.

OBJECT OF THE STUDY:

Fatigue Severity Scale Measuring.

SUBJECT OF THE STUDY:

15 Medical students from VSMU of both sex(9 boys and 6 girls)

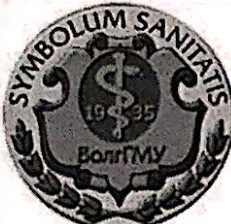
RELEVANCE OF THE STUDY:

Comprehensive assessment of disabling fatigue.

PRACTICAL SIGNIFICANCE:

Obtaining results and using the results as a self diagnosing tool to measure disabling fatigue.

MATERIALS AND METHODS

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Participants & Designs.

The fatigue having many quality to our life the one of the important thing which triggers the tiredness is multiple sclerosis. To determine the correct accurate value of victim tiredness affect impact we are using the F S S, but there is one problem we can't create the life value until we are getting the information about cost-effective analysis, and by limitation of the work we can get the relation. This objective study is helpful to creating blue print for statistical methods. Statistical method is help to convert F S S score to the state utility valued by the base measure.

The measure of source and target is related by measuring the statistical convention that are reported in the blue print. Here we are taking five models by the regressive selection called regressive models.

- i. All FSS measurement (Model 1);
- ii. All FSS measurement and All FSS measurement squared (Model 2);
- iii. All FSS measurement , year and sex (Model 3);
- iv. All FSS measurement item (Model 4);
- v. All FSS measurement item , age and gender (Model 5).

STATISTICAL METHOD:



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In the report scale we are taking 9 victim about the fatigue. We are noting the severity and the affect and activities. By arranging the points that are received from answering by the victim. The points are arranged in seven points (ONE to SEVEN).

- 1) ONE means highly disagree.
- 2) SEVEN means highly agree.

From this we are having a clear information that is the possible maximum score is 9 because of 9 victim and the highest point is 63.

1. MORE THAN SEVEN = SEVER FATIGUE
2. MORE THAN SEVEN = MORE AFFECT ON PATIENT ACTIONS.

The understanding of this method is very simple and the average taken by the victim to answer up to 6-8 minutes.

Fatigue Severity Scale Questionnaire								
FOR ONE WEEK ON RESEARCH	Agreement scores							
	low	-	-	-	-	-	-	high
1. I can't think or boost up me during fatigue	1	2	3	4	5	6	7	8



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2. Daily workouts while fatigue	1	2	3	4	5	6	7	8
3. No complication	1	2	3	4	5	6	7	8
4. Due to fatigue my muscles are weak and dull	1	2	3	4	5	6	7	8
5. Due to fatigue I'm having more problems	1	2	3	4	5	6	7	8
6. Due to fatigue I want to do some personal work	1	2	3	4	5	6	7	8
7. Some muscle functions are prevented	1	2	3	4	5	6	7	8
8. There are three symptoms of fatigue	1	2	3	4	5	6	7	8
9. All are in fatigue	1	2	3	4	5	6	7	8

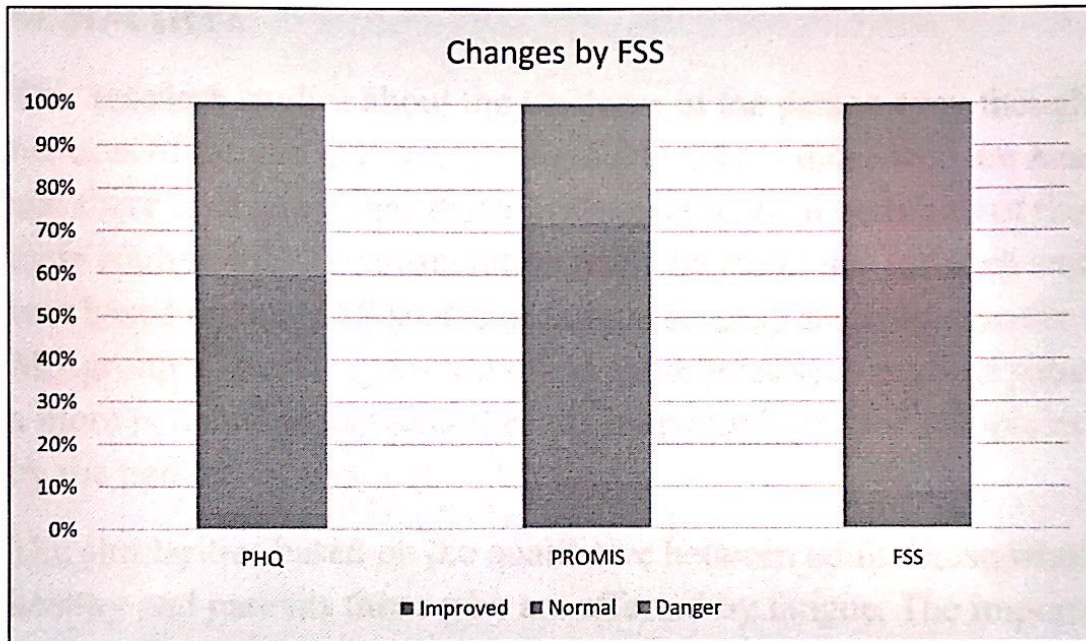


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RESULT:




PHQ = Patient Health Questionnaires

PROMIS = Out Info System

FSS = Fatigue Severity Scale

The results helped us to view a brief analysis on Eq-5d & the readings which we gained from fatigues & multiple sclerosis assessment scales-8D for the best results we used a censored and low acute specified deviation and it was noted in the F S S (fatigue assessment scale) with its total score and the results are also depend in their year and sex as

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assumptions. The best working model is used and also an ordinary least specified squares with All FSS measurement .

SUMMARY:

This research studies about the tiredness of the person even though some features of fatigue that was undergone by adults those who are healthy, and there is severe & has disabling impact on their activities of their daily routine life. The observation made by me in this research study was based on the VAS scores of fatigue severity scale was greater than MS-group as well they are troubling syndromes seen in some patients in a more percentage that underlies the individuality of the complaint made by the person.

The similarities based on the qualitative between adults those who are healthy and patients those who are affected by fatigue. The important difference between them is the healthy persons activity is normal and the person with fatigue feels tired often and their activity is less when compared to healthy person.

However there is no positive correlation among the severity of fatigue and disability in the neurological which implies in the fatigue that is distinct on their signs are complicated and which leads to disability on the person and they are predicted by impairment on the underlying deficits found on neurological doctors on the person affected by fatigue. These effects of fatigue may occur that to be on independent of remaining neurological syndromes. This study will be helpful for the learners on the basis of guidance for the future reference.



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