

JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION'S ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY



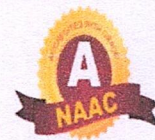
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Ethirmediu, B. Komarapalayam - 638183, Namakkal Dist. Tamilnadu, India.

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Dr. N. SENTHILKUMAR, Ph.D.,
Principal

**M.Pharm [Pharmacy practice] Students under taking Project
work/Field work / Internship for the Academic Year 2023-2024.**

S.NO	DESCRIPTION
1	Certificate of Head of Institution
2	List of M.Pharm [Pharmacy practice] Students under taking Project work/Field work / Internship-HOI
3	List of M.Pharm [Pharmacy practice] Students under taking Project work/Field work / Internship.

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CERTIFICATE OF HEAD OF INSTITUTION

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Principal

TO WHOMSOEVER IT MAY CONCERN

Number of Students undertaking **Project work/Field work / Internship** for the
Academic Year **2023-2024** is **13**.

The Students Participated in More than one activity has been counted as **ONE** only.




Dr. N. SENTHILKUMAR,
PRINCIPAL,

JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION
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Dr. N. SENTHILKUMAR, Ph.D.,
Principal

TO WHOMSOEVER IT MAY CONCERN

This to certify that the List of **M.Pharm [Pharmacy practice]** Students under taking **Project work/Field work / Internship** for the Academic Year 2023-2024 are given below.

S. No	Reg.No & Name of the student	Name of the Guide	Year	Project Work-Topic	Field work	Intern ship
1.	N.SUVAVART HANA 261521507513	MR.A.SRINIVASAN	II	PROSPECTIVE OBSERVATION STUDY ON PREVALENCE OF ABNORMAL UTERINE BLEEDING AND ASSOCIATED RISK FACTORS IN WOMEN'S ATTENDING MULTI-SPECIALITY HOSPITAL IN ERODE	-	-
2.	MUHAMMAD. O. 261521507508	MR.A.SRINIVASAN	II	AWARENESS, ATTITUDE AND SIGNAL DETECTION OF ANTI-DEPRESSANT AND ANZIOLOYTIC DRUGS	-	-
3.	HAMZAL HABEEB.A. 261520507506	DR.N.SENTHIL KUMAR	II	DRUG UTILIZATION STUDY AND PHARMACOECONOMIC ANALYSIS OF ANTIDIABETIC DRUGS IN ATERTIARY CARE HOSPITAL	-	-
4.	A.AMARNAT H 261521507501	MR.M.SENTHIL	II	A PROSPECTIVE COHORT STUDY ON PEPTIC ULCER AMONG THE COLLEGE STUDENTS	-	-
5.	BALAGURU.I. T. 261521507502	DR.K.C.ARUL PRAKASAM	II	A PROSPECTIVE IBSERVATIONAL STUDIES ON DRUG UTILIZATION EVALUATION AND RATIONAL USE OF	-	-



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				CORTICOSTEROIDS IN TERTIARY CARE HOSPITAL		
6.	K.SHARMILA 261521507509	K.C.ARULPRAKASA M	II	A COMPAATIVE STUDY ON COSE AND EFFECTIVENESS OF CLOPIDOGRE AND TICAGRELOR IN ACUTE CORNONARY SYNDROME PATIENTS	-	-
7.	SOORYA 261521507511	DR.K.C.ARULPRAKA SAM	II	PREGNANT WOMEN'S KNOLWDGE,ATTITUDE,AND ASSOCIATED FACTORS TOWARD OBSTETRIC ULTRASOUNG IN HOSPITAL ERODE	-	-
8.	ESWARAN.N. P. 261521507504	MR.M.SENTHIL	II	AN EPIDEMIOLOGY STUDY ON PREVALENCE AND ASSOCIATED FACTOR OF PRE HYPERTENSION AND HYPERTENSION IN TERTIARY CARE HOSPITAL	-	-
9.	H.HEMA NANDHINI 261521507505	MR.A.SRINIVASAN	II	ASSESSMENT OF COSE OF ILLNESS AND SATISFACTION WITH LEFE IN HYPOTHYROIDISM PATIENTS AT TERTIARY CARE CENTRE,ERODE -A PROPSPECTIVE OBSERVATIONAL STUDY	-	-
10.	SUHEAL.A. 261521507512	MR.M.SENTHIL	II	ASSESSMENT OF SELF CARE PRACTICES AMONG TYPE - DIABETIC MELLITUS PATIENTS IN URBAN AREA	-	-
11.	Ms. MEENA DEVI . V	Mr.M.SENTHIL	II	KNOWLEDGE AND ATTITUDE OF NURSES	-	-



Dr. N. SENTHILKUMAR,
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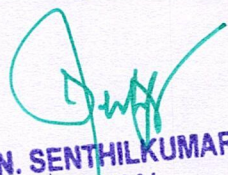
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Dr. N. SENTHILKUMAR, Ph.D.,
Principal

	261521507506			TOWARDS DIABETIC FOOT ULCER CARE IN MULTISPECIALITY HOSPITALS IN ERODE		
12.	Mr. SIDDEEQUE.K 261521507510	Dr.K.C.ARUL PRAKASAM	II	A COMMUNITY BASED STUDY TO ASSESS THE MEDICATION ADHERENCE IN PATIENTS WITH DIABETES MELLITUS IN ERODE	-	-
13.	Mr.TAMILVA NAN .R 261521507514	Mr.A. SRINIVASAN	II	PROSPECTIVE OBSERVATION STUDY ON PREVALENCE AND TREATMENT PATTERN OF BENIGN PROSTATIC HYPERPLASIA	-	-




Dr. N. SENTHILKUMAR,
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ETHIRMEDU, KOMARAPALAYAM - 638 183.
NAMAKKAL DISTRICT, TAMILNADU.

**ASSESSMENT OF COST OF ILLNESS AND
SATISFACTION WITH LIFE IN HYPOTHYROIDISM
PATIENTS AT TERTIARY CARE CENTRE, ERODE - A
PROSPECTIVE OBSERVATIONAL STUDY**

Dissertation submitted to

**THE TAMILNADU Dr.M.G.R MEDICAL UNIVERSITY,
CHENNAI-32.**

In partial fulfillment of the requirements

for the award of the degree of

MASTER OF PHARMACY

IN

PHARMACY PRACTICE

Submitted by

Mrs H.HEMA NANDHINI,

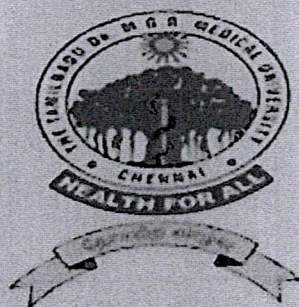
Reg. No. 261521507505.

Under the Guidance of

Mr A. SRINIVASAN, M. Pharm,

Associate Professor

DEPARTMENT OF PHARMACY PRACTICE



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APRIL-2024



**Dr. N. SENTHILKUMAR,
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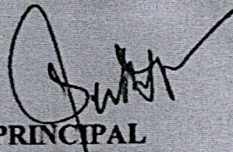
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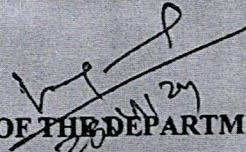


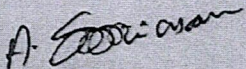
CERTIFICATE

This is to certify that the dissertation work entitled " ASSESSMENT OF COST OF ILLNESS AND SATISFATION WITH LIFE IN HYPOTHYROIDISM PATIENTS AT TERTIARY CARE CENTRE, ERODE - A PROSPECTIVE OBSERVATIONAL STUDY" is the bonafide work carried out by, Mrs H.HEMA NANDHINI, Reg. No. 261521507505. Under the guidance and supervision of Mr A. SRINIVASAN, M. Pharm, Associate Professor, in the Department of pharmacy practice.

This is forwarded to The Tamil Nadu Dr.M.G.R Medical University, Chennai, for the partial fulfillment of requirements for the Degree of Master of Pharmacy in Pharmacy Practice (2023-2024).


PRINCIPAL

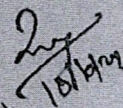

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DATE: 23.04.24

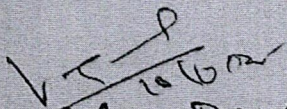
EVALUATED ON: 10/6/24


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Professor & HOD, Dept. of Pharmacy Practice,

Vinayagga
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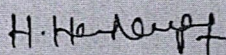
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NAMAKKAL DISTRICT, TAMILNADU.

DECLARATION

I do hereby declare that the dissertation entitled "ASSESSMENT OF COST OF ILLNESS AND SATISFACTION WITH LIFE IN HYPOTHYROIDISM PATIENTS AT TERTIARY CARE CENTRE, ERODE - A PROSPECTIVE OBSERVATIONAL STUDY" submitted to THE TAMILNADU DR,MGR Medical University, Chennai, in partial fulfillment of requirement for the Degree of Master of Pharmacy in Pharmacy Practice, is a bonafide and genuine research work carried out by me, under the guidance of Mr. A. SRINIVASAN, M.Pharm., Associate Professor of JKKMRF's - Annai JKK Sampoorani ammal College of Pharmacy, Komarapalayam.

I further declare that this work has not been submitted earlier in part or full for the award of any degree or diploma to this or any other University. The information furnished in this thesis is genuine to the best of our knowledge and belief.

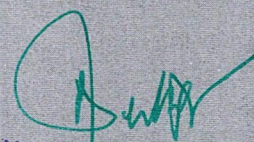

H.HEMA NANDHINI

(Reg. No: 261521507505)

Date: 23.11.21

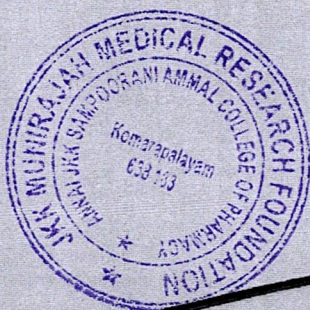
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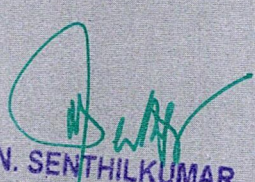



Dr. N. SENTHILKUMAR,
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ETHIRMEDU, KOMARAPALAYAM - 638 183,
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CONCLUSION

In conclusion, analysing the cost of illness in people with hypothyroidism reveals substantial financial costs related to the disease. The analysis demonstrates the direct cost related to the treatment as well as the indirect cost such as loss of wages, transport etc... In our study, Females showed a higher prevalence of hypothyroidism than males, particularly among housewives. The primary medication prescribed to most participants was Thyroxine 100mcg. Initial visits incurred higher costs compared to subsequent ones, with direct costs comprising over 50% of the total expenditure. Lab fees were the highest cost component in hypothyroidism treatment, while drug costs were the lowest. Our study shows that the significant difference was observed in direct cost when comparing the visit 1 and visit 3. Whereas no significant difference is observed in indirect cost. Policy makers and health care professionals can more effectively allocate resources and create treatments for reducing the cost burden on both individuals and society by having better knowledge of these economic consequences. In our study, 53% of the study participants showed improvement in their life satisfaction after proving the patient counselling and life style modifications and 47% of participants did not show any improvement in their life satisfaction. Before counselling, most participants scores comes under slightly dissatisfied with treatment, but after counselling, they were generally satisfied, as reflected in significant improvements in Satisfaction with Life Scale (SWLS) scores, indicating an enhancement in quality of life.




Dr. N. SENTHILKUMAR,
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**A PROSPECTIVE COHORT STUDY ON PEPTIC ULCER
AMONG THE COLLEGE STUDENTS
THE TAMILNADU DR.M.G.R. MEDICAL UNIVERSITY,
CHENNAI-600032**

In partial fulfillment of the requirements for the award of the Degree of

**MASTER OF PHARMACY
IN
PHARMACY PRACTICE**

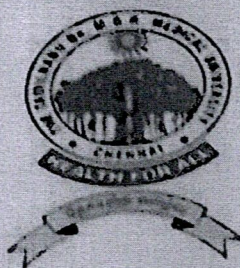
Submitted by:

Mr. A.AMARNATH

REGISTRATION NO: 261521507501

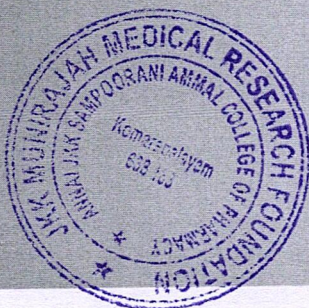
Under the guidance of

**Mr. M. SENTHIL., M. Pharm., Ph.D.,
ASSISTANT PROFESSOR
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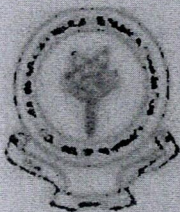
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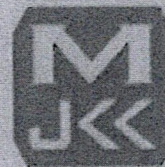



**Dr. N. SENTHILKUMAR,
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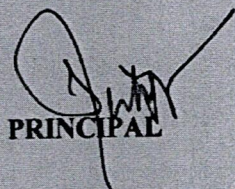
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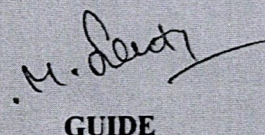
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This is forwarded to The Tamil Nadu Dr.M.G.R Medical University, Chennai, for the partial fulfilment of requirements for the Degree of Master of Pharmacy in Pharmacy Practice (2023-2024).


PRINCIPAL

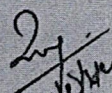

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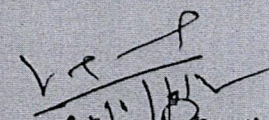
DATE: 30/11/24

EVALUATED ON: 10/11/24


DR. B. AKUL
EVALUATOR (1):

PROFESSOR (100), DEPT OF PHARMACY
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Dr. N. SENTHIL KUMAR,
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ETHIRMEU KOMARAPALAYAM - 638 183,
NAMAKKAL DISTRICT, TAMILNADU.



DECLARATION

We hereby declare that this thesis entitled "A PROSPECTIVE COHORT STUDY ON PEPTIC ULCER AMONG THE COLLEGE STUDENTS" is a genuine research work carried out by us under the guidance of M. SENTHIL., M. Pharm., Ph.D., Assistant Professor in the Department of pharmacy practice, JKKMMRF's – Annai JKK Sampoorani Ammal College of pharmacy, Komarapalayam, for the partial fulfillment of requirement for the Degree of Doctor of Pharmacy.

We further declare that this work has not been submitted earlier in part or full for the award of any degree or diploma to this or any other University. The information furnished in this thesis is genuine to the best of our knowledge and belief


A. AMARNATH
(261521507501)

Place: Komarapalayam

Date: 10/6/24.




Dr. N. SENTHILKUMAR,
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NAMAKKAL DISTRICT, TAMILNADU.

CONCLUSION

- Peptic Ulcer Disease (PUD) causes painful stomach or duodenal ulcers. Its impact on students' health and academics underscores the need for our study.
- Our study uncovers a paradox: low PUD prevalence but high symptom frequency among students, emphasizing the need for early symptom recognition and awareness due to PUD's elusive nature.
- Tailored education for 64 high-risk students enhanced PUD understanding, showcasing the potential of personalized healthcare education.
- Early detection is crucial, with symptoms like abdominal pain, bloating, and dietary changes identifying high-risk students. This highlights the value of symptom-based assessments in healthcare research.
- Our mission is knowledge empowerment through tailored interventions. Assessing knowledge showed significant improvements, emphasizing the power of informed health choices.
- Lack of time leads to meal skipping among students, highlighting the need for time management strategies and healthy eating promotion by educational institutions.
- Healthcare Student Awareness: Even students in healthcare-related fields lack awareness of PUD, underlining the necessity for health education in universities.



Dr. N. SENTHILKUMAR,
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**DRUG UTILIZATION STUDY AND PHARMACOECONOMIC
ANALYSIS OF ANTIDIABETIC DRUGS IN A TERTIARY CARE
HOSPITAL**

**THE TAMILNADU DR.M.G.R. MEDICAL UNIVERSITY,
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In partial fulfillment of the requirements for the award of the Degree of

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IN
PHARMACY PRACTICE**

Submitted By

**Mr. HAMZAL HABEEB A
(261520507506)**

Under the guidance of

**Dr. B.SENTHILKUMAR, M. Pharm., Ph.D.,
Professor
DEPARTMENT OF PHARMACY PRACTICE**



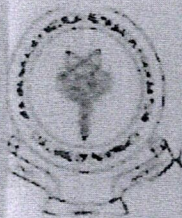
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APRIL -2024




**Dr. N. SENTHILKUMAR,
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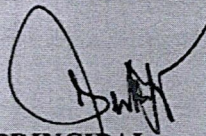
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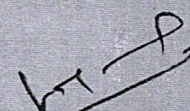


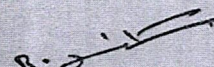
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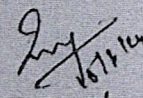

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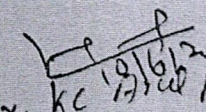
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This is to certify that **Mr. HAMZAL HABEEB A** [Reg.No: 261520507506] partial fulfillment of requirement for the M.Pharm (2022- 2023) student applied for Ethical Committee functioning in JKKMMRF'S-Annai JKK Sampoorani Ammal College of Pharmacy clearance for carrying out his partial fulfillment of requirement for the Master of Pharmacy Project work entitled.

Institutional Ethical Committee meeting was conducted at our campus and the Project has been approved and can be carried out in the Topic: entitled **"DRUG UTILIZATION STUDY AND PHARMACOECONOMIC ANALYSIS OF ANTIDIABETIC DRUGS IN ATERTIARY CARE HOSPITAL"**

Name : **Dr. N. SENTHIL KUMAR**

Signature of the

Chairperson

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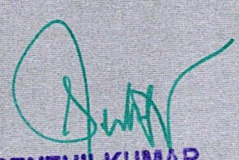
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DECLARATION

We hereby declare that this dissertation work entitled "DRUG UTILIZATION STUDY AND COMPARATIVE PHARMACO- ECONOMIC ANALYSIS OF ANTIDIABETIC DRUGS IN ATERITIARY CARE HOSPITAL" was carried out in the Department of Pharmacy Practice, JKKMRFs ANNAI JKK SAMPOORANI AMMAL College of Pharmacy Tamilnadu, under the guidance of, Dr. B.SENTHILKUMAR, M. Pharm., Ph.D., Professor and head of the Department of Pharmacy Practice.

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7. CONCLUSION

7.1 CONCLUSION

Drug prescribing pattern and pharmacoeconomic analysis of antidiabetic drug forms an essential part of drug utilization studies. Our study provides overall layout to the physicians about their prescribing pattern. This aids in promoting appropriate usage of drugs, as rational and cost-effective medical care are the most important factors in promoting the patient's overall treatment outcome.

A prevalence of polypharmacy condition was seen in the prescribing pattern. Upon reviewing, the most commonly prescribed antidiabetic drug was in oral dosage form, out of which there was more inclination towards prescribing combination therapy as compared to monotherapy and insulin preparations. Metformin 500mg was the most commonly prescribed among monotherapy. The commonly prescribed combination therapy was Metformin 500mg + Glimepiride 2mg and insulin preparation was Insulin soluble 30% + Isophane 70%.

The comparative pharmacoeconomic study revealed that Vildagliptin 50 mg had the highest percentage cost difference among single antidiabetic drugs. For combination antidiabetic drugs, Metformin 500mg + Dapagliflozin 10mg had the highest cost variation. In case of insulin preparations, Insulin soluble 30% + Isophane 70% had highest percentage cost difference. Prevalence of high percentage price variation for antidiabetic drugs may be due to the availability of different brands in the hospital pharmacy.

From our study we can conclude that, there is a need of rational prescribing for drugs used in type 2 diabetes. More inclusion of generic drugs to the therapy will be economical for the patient, as it can reduce the wider price variation of antidiabetic drugs.




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**AWARENESS, ATTITUDE AND SIGNAL DETECTION OF
ANTI-DEPRESSANT AND ANXIOLYTIC DRUGS**

A Dissertation Submitted to

**THE TAMILNADU Dr.M.G.R. MEDICAL UNIVERSITY,
CHENNAI-600032**

In partial fulfillment of the requirements for the award of the Degree of

MASTER OF PHARMACY

IN

PHARMACY PRACTICE

Submitted by:

Mr. MUHAMMAD.O

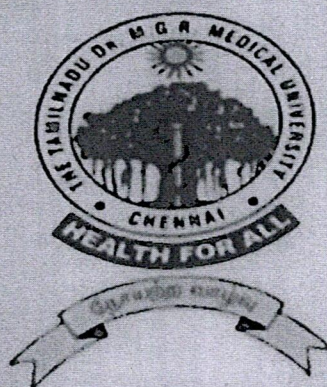
REG NO: 261521507508

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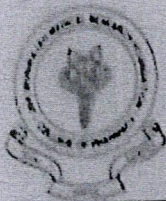
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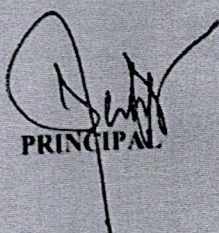
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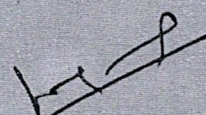


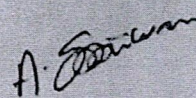
CERTIFICATE

This is to certify that the work embodied in this dissertation entitled "AWARENESS, ATTITUDE AND SIGNAL DETECTION OF ANTI-DEPRESSANT AND ANXIOLYTIC DRUGS" is the bonafide work carried out by, Mr. MUHAMMAD.O., (Reg. No: 261521507508) under the guidance and supervision of Mr. A. SRINIVASAN, M.Pharm., Associate Professor, in the Department of Pharmacy Practice.

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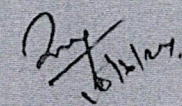

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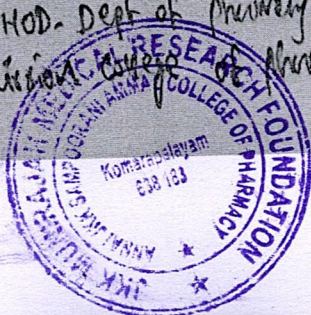
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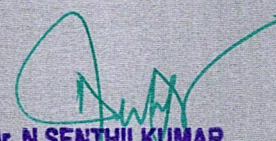
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DECLARATION

I hereby declare that this dissertation entitled "AWARENESS, ATTITUDE AND SIGNAL DETECTION OF ANTI-DEPRESSANT AND ANXIOLYTIC DRUGS" is the bonafide work carried out by me under the guidance and supervision of Mr. A. SRINIVASAN, M.Pharm., Associate Professor, in the Department of Pharmacy practice., JKKMMRF'S – Annai JKK Sampoorani Ammal College of pharmacy, Komarapalayam, in a partial fulfillment of requirements for the Degree of Master of Pharmacy in Pharmacy Practice.

I further declare that this work is original and has not been submitted in part or full for the award of any other degree or diploma of any other university. The information furnished in this is genuine to the best of our knowledge and belief.

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NAMAKKAL DISTRICT, TAMILNADU.

CONCLUSION

This is to conclude the study by summarising the research in proportion to the research objectives and the questionnaires. The objective of the study was to investigate who is at high risk to go under depression and anxiety and whether the patients are aware of adverse event and if yes, how many patients were aware of it in the sum of 210 and to check their attitude and response for A/E. The study also involves to spread awareness on Adverse Event appearing from Anti-Depressant and Anxiolytic drugs and teaching Adverse Event and Symptoms of disease overlapping. Advising the patients to take medicines on time and regular exercise for good quality of life. Through this study we found that the patients receiving Anti-depressant and Anxiolytic drugs appeared with adverse effect for initial days. The patients with long term administration showed no Adverse Event as their body got resist to it and most of the patients were aware of the Adverse Event cause by these drugs on long term. 26% patients responded with positive attitude on Adverse Event and Side effects.

The major concern and need for the study were to differentiate between signs and symptoms of the disease and the Adverse Event and Side effects., which still needs further research and deeper knowledge on the topic and long term patient follow ups, thus creating scope and importance for continues study with other classes of psychiatric drugs. The further scope in the study is to carry out for longer duration, including both inpatients and outpatients to know which adverse event occurs the most among the patients, preventive measures, how much time the body takes to get resistant to these drugs and also work on increasing the knowledge among the patients on ADR and medication adherence for betterment of public health.




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**PROSPECTIVE OBSERVATION STUDY ON PREVALENCE OF ABNORMAL
UTERINE BLEEDING AND ASSOCIATED RISK FACTORS IN WOMEN'S
ATTENDING MULTI-SPECIALITY HOSPITAL IN ERODE**

Dissertation Submitted to

THE TAMIL NADU Dr. M. G. R. MEDICAL UNIVERSITY ,CHENNAI – 32

In partial fulfillment for the award of the degree of

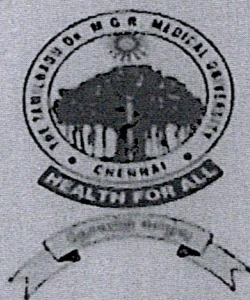
**MASTER OF PHARMACY
in
PHARMACY PRACTICE**

Submitted by

N. SUVAVARTHANA

Reg No: 261521507513

**Under the Guidance of
Mr. A. Srinivasan , M.Pharm.,
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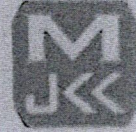
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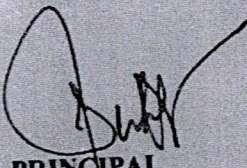
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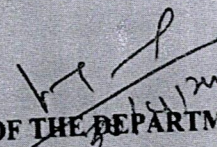


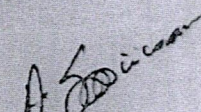
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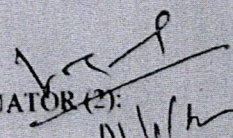
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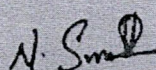
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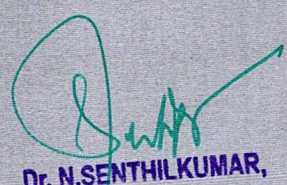
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I further declare that this work has not been submitted earlier in part or full for the award of any degree or diploma to this or any other University. The information furnished in this thesis is genuine to the best of our knowledge and belief.


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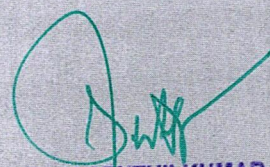



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CONCLUSION

The prevalence of AUB was found to be 52% with AUB:L,O 68 (40.7%) being the most commonly occurred form. Our study shows that AUB is a significant health problem affecting the considerable portion of the population. Our findings indicate the prevalence, with various risk factors contributing to its occurrence. After proper classification of AUB by PALM-COIEN, patients can be treated medically or surgically according to the cause leading to better success rate. The study helps to determine what aspect of disorders are commonly seen in the population and effective educational strategies can be implemented for awareness and faster outreach to a health care professional.




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**KNOWLEDGE AND ATTITUDE OF NURSES TOWARDS
DIABETIC FOOT ULCER CARE IN
MULTISPECIALITY HOSPITALS IN ERODE.**

Dissertation submitted to

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In partial fulfillment for the requirements for the award of the degree of

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IN

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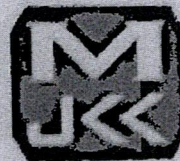
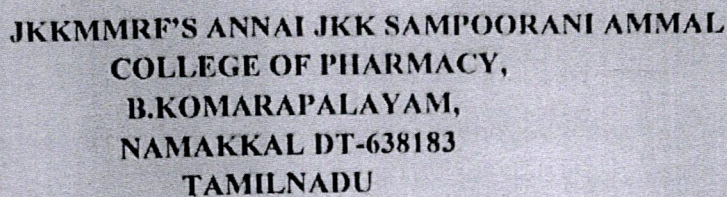
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V. M. Meenadevi, 24/4/24,
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NAMAKKAL DISTRICT, TAMILNADU.

9.CONCLUSION

A cross-sectional study was conducted to assess the knowledge and attitude of nurses towards diabetic foot care in multispecialty hospitals In Erode district. A total of 268 nurses participated in the study. Most of the participants were females accounting for 76.5%. The study shows that 210 (78.35%) of the participants scored between 16-20. In-service education had significant impact on knowledge score. Therefore, a large number of staff nurses may have obtained good score regarding diabetic foot ulcers. Though majority of the respondents have good knowledge our study found that 72.3 % have unfavorable attitude. Our study conclude that, nurses having sufficient knowledge about the necessity of diabetic foot ulcer. Insufficient information and deficiencies in practice should be determined through knowledge level studies. The knowledge deficit staff nurses can encourage and support through continuing education programs and in-service training programs. Therefore, it is necessary to support and knowledge level of staff nurses on diabetic foot ulcer support with guidelines and practical training on diabetic foot ulcer to knowledge deficit nursing staff about foot ulcer.




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**A PROSPECTIVE OBSERVATIONAL STUDIES ON DRUG UTILIZATION
EVALUATION AND RATIONAL USE OF CORTICOSTEROIDS IN
TERTIARY CARE HOSPITAL**

A Dissertation Submitted to

**THE TAMILNADU DR.M.G.R. MEDICAL UNIVERSITY,
CHENNAI-600032**

In partial fulfillment of the requirements for the award of the Degree of

MASTER OF PHARMACY

IN

PHARMACY PRACTICE

Submitted by:

Mr. BALA GURU.IT

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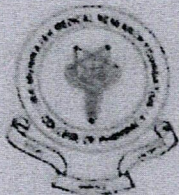
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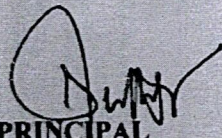
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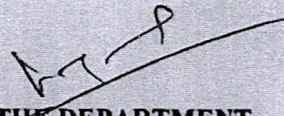


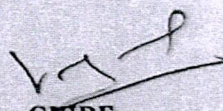
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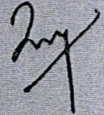

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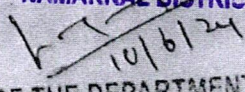
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CONCLUSION

Corticosteroids are widely prescribed Drugs in Hospitals, forming a part of standard treatment of modern medicine for a wide range of diseases, which associated with inflammation and immune activation. Apart from beneficial effects they also produce number of adverse effects.

In the present study, Prospective Observational studies on DUE and rationality of Corticosteroids has been performed. Out of 235 prescriptions total 10 ADRs and 25 Drug interactions were detected in this study. The majority of drug interactions were minor 24 (24%) followed by major 1 (1%).

Most of the prescription were found to be rational some of them were found to be irrational as there were significant drug interactions. Commonly a patient between the age group of 59-68 years was more prone to diseases, for which steroids were used. Hence close observation is required.

To ensure safety, effectiveness and well-balanced therapeutic management with corticosteroids, both patients and prescribers should be more aware of the appropriate dose, dosage regimen, with careful monitoring of ADRs and Drug - drug interactions.

Hence, the clinical pharmacist can perform potential role in health care system in assisting physician in altering the number of medications taken, the number of doses taken, improving the patient medication adherence, preventing the adverse drug reactions, Drug - Drug interactions, in patient counselling, improve the health-related quality of life and decreasing the health care cost of the patient.




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**A COMMUNITY BASED STUDY TO ASSESS THE MEDICATION
ADHERENCE IN PATIENTS WITH DIABETES MELLITUS IN ERODE**

A Dissertation Submitted to

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In partial fulfillment of the requirements for the award of the Degree of

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IN

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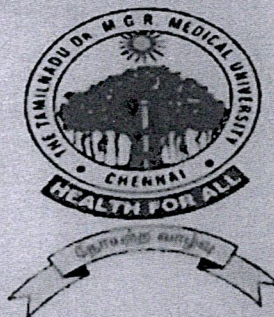
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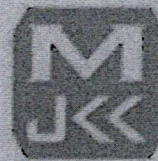


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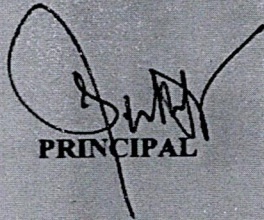
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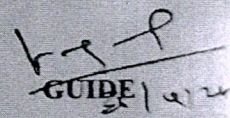
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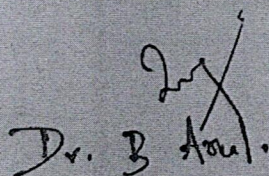

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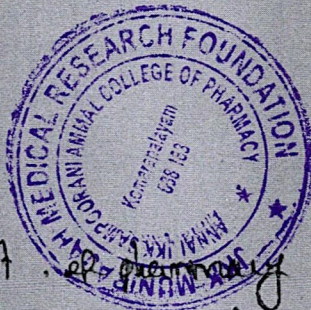
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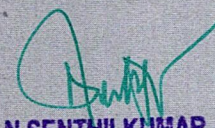
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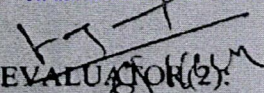
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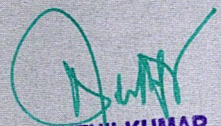
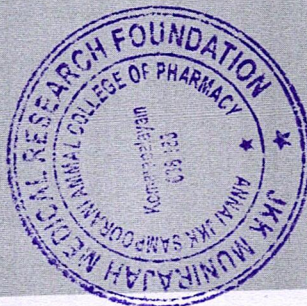


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CONCLUSION

This study was made to assess the pharmacist led home medication review in diabetes mellitus in Erode Tamilnadu. Medication adherence was calculated using Morisky scale -8. Drug related problems was evaluated using Hepler's Strand classification. Medication error was evaluated. Method of storage of anti-diabetic medication was reviewed using questionnaire. Questionnaire, PILs and counseling were used in the intervention to educate the study participants on anti-diabetic medication management. Microsoft Excel 2017 and paired t test were used in the study to evaluate and calculate the significant value. It was found that there was a significant improvement in the study results after the intervention. Hence it was concluded that the study was helpful in improving the overall diabetes management through HMR, thereby leading to a better health care outcome.




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**PROSPECTIVE OBSERVATION STUDY ON PREVALENCE AND
TREATMENT PATTERN OF BENIGN PROSTATIC HYPERPLASIA (BPH)**

A Dissertation Submitted to

**THE TAMILNADU Dr. M.G.R. MEDICAL UNIVERSITY,
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In partial fulfillment of the requirements for the award of the Degree of

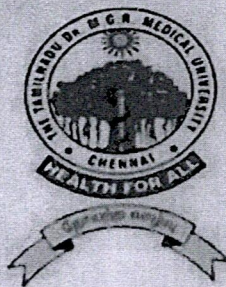
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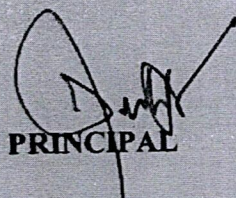
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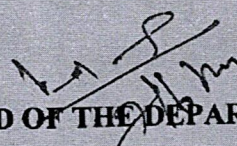


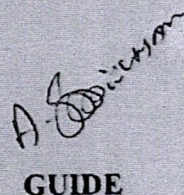
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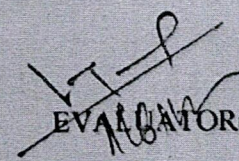
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CONCLUSION:

- Out of 80 patients, maximum no. of patients were under the age group of 60-70 years and their grade level were not known and few patients had grade IIBPH.
- Maximum no of patients with BPH were under overweight and normal weight category.
- According to IPSS scoring, out of 80 patients maximum no. of patients with BPH had Mild symptoms. The incidence rate of LUTS among the BPH patients was found to be 100%.
- Majority of the patients were treated with combination of tamsulosin and dutasteride followed by tamsulosin alone.
- BPH was managed with combination of tamsulosin and dutasteride followed by tamsulosin alone.




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**ASSESEMENT OF SELF CARE PRACTICES AMONG TYPE 2 DIABETIC
MELLITUS PATIENTS IN URBAN AREA**

A Dissertation Submitted to

**THE TAMILNADU Dr.M.G.R. MEDICAL UNIVERSITY,
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IN

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Submitted by:

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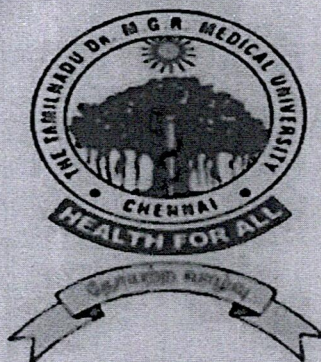
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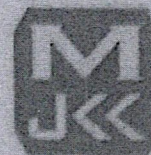


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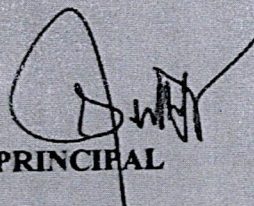


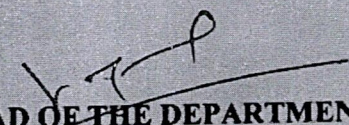
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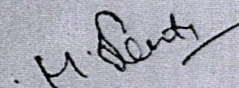
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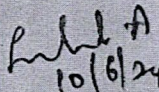
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I hereby declare that this dissertation entitled "ASSESEMENT OF SELF CARE PRACTICES AMONG TYPE 2 DIABETIC MELLITUS PATIENTS IN URBAN AREA" is the bonafide work carried out by me under the guidance and supervision of Mr. M.SENTHIL M.Pharm., Ph.D., Assistant Professor, in the Department of Pharmacy practice., JKKMMRF'S – Annai JKK Sampoorani Ammal College of pharmacy, Komarapalayam, in a partial fulfillment of requirements for the Degree of Master of Pharmacy in Pharmacy Practice.

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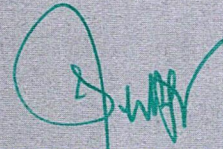

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CONCLUSION

Overall the level of self-care activities among diabetic patients in our study was quite low better self-care practices were found to be associated with good glycemic control in this study, self-care practice was inadequate, especially in terms of physical self-care activity and a deficit in terms of knowledge related to diabetes: this could be explained by factors such as limited education and low levels of educational status. Among self-care practices, foot care was the self-care practice that was least adhered to. Thus, it is important to create awareness about self-care. With emphasis on demonstration of foot care and examination of the foot. There is a need for ongoing self-management education programs in all hospitals, for patients and caregivers. Peripheral level health functionaries should conduct regular information, education, and communication activities and one-to-one counseling sessions for diabetic patients. Any newly designed diabetes self-care education program envisaged for this region should concentrate particularly on areas like problem solving skills, foot care practices, dietary practices, and physical activity.

Moreover it should have a special focus on females as their practices were found to be deficient in several domains. Therefore, in order to improve diabetes self-care practice; different stakeholders including Hospitals, health professionals health programmers, and different non-governmental organizations should give emphasis on linking diabetic patients to different supporting social groups, improving knowledge through health education and providing self-monitoring glucometer for those individuals who are unable to buy by themselves.



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**AN EPIDEMIOLOGY STUDY ON PREVALENCE AND
ASSOCIATED FACTOR OF PRE HYPERTENSION AND
HYPERTENSION IN TERTIARY CARE HOSPITAL**

A Dissertation Submitted to

**THE TAMILNADU DR.M.G.R. MEDICAL UNIVERSITY,
CHENNAI-600032**

In partial fulfillment of the requirements for the award of the Degree of
MASTER OF PHARMACY

IN

PHARMACY PRACTICE

Submitted by:

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REGISTRATION NO: 261521507504

Under the guidance of

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ASSISTANT PROFESSOR

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APRIL -2024



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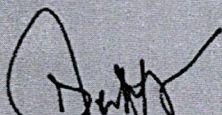
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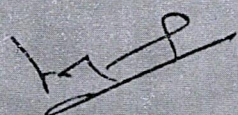


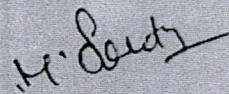
CERTIFICATE

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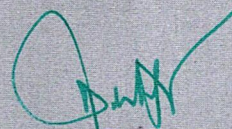

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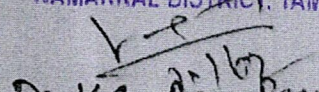
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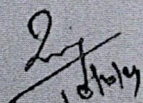

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DECLARATION

I hereby declare that this dissertation entitled " **AN EPIDEMIOLOGY STUDY ON PREVALENCE AND ASSOCIATED FACTOR OF PRE HYPERTENSION AND HYPERTENSION IN TERTIARY CARE HOSPITAL**" is the bonafide work carried out by me, under the guidance and supervision of **Mr. M.SENTHIL M.Pharm., Ph.D.**, Assistant Professor, in the Department of Pharmacy practice., JKKMMRF'S – Annai JKK Sampoorani Ammal College of pharmacy, Komarapalayam, in a partial fulfillment of requirements for the Degree of Master of Pharmacy in Pharmacy practice.

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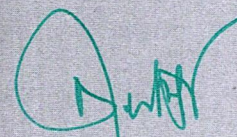


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CONCLUSION:

Our study is about prevalence and associated factor of pre hypertension and hypertension in tertiary care hospital. Hypertension is a disease it is due to the increase in the blood pressure it force the blood against the artery walls is too high.

The current findings demonstrated that both prehypertension and hypertension are more prevalent among adults among them pre hypertension are in higher level. Clearly, males are affected more when compared to females. Further overweight, obesity of the subjects are measured also we have collected the details of occupation. Among 200 60% of the study participants were in stage of pre hypertension which should be treated soon or else blood pressure may increase and it may leads to hypertension. It is so difficult to treat hypertension. We have clearly noted that participants of above aged 35 are affected more by hypertension but participants at young age above 25 are affected by pre hypertension. Therefore they need to modify their life style including their behaviour. This can be achieved through improvement in health screening measures for pre hypertension and hypertension. The awareness about the prevention of pre hypertension and hypertension should be given to subjects as well as to the public. Counselling was given to the subjects about the nutrition, physical activity, behaviour and selfcare to control Blood pressure. The participants are poor in their personal health care among them pre-hypertension subjects are more poor compared to hypertension.



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NAMAKKAL DISTRICT, TAMILNADU.

**PREGNANT WOMEN'S KNOWLEDGE, ATTITUDE, AND ASSOCIATED
FACTORS TOWARD OBSTETRIC ULTRASOUND IN HOSPITAL ERODE**
A Dissertation Submitted to

**THE TAMILNADU Dr.M.G.R. MEDICAL UNIVERSITY,
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In partial fulfillment of the requirements for the award of the Degree of

MASTER OF PHARMACY

IN

PHARMACY PRACTICE

Submitted by:

Ms.SOORYA

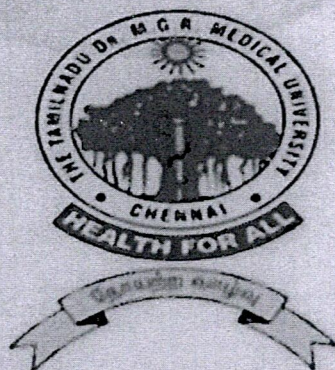
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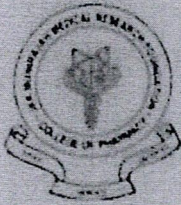
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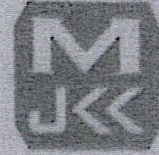


**Dr. N.SENTHILKUMAR,
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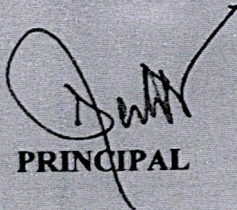
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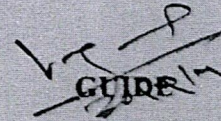
CERTIFICATE

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FACTORS TOWARD OBSTETRIC ULTRASOUND IN HOSPITAL ERODE"**
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the guidance and supervision of **Dr. K.C.Arul Prakasam, M.Pharm., Ph.D.,**
Professor and Head of the Department, in the Department of Pharmacy Practice.

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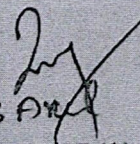

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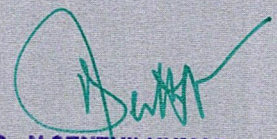
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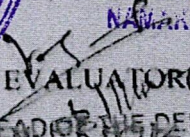

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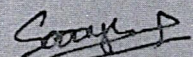

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TAMILNADU.**

DECLARATION

I hereby declare that this dissertation entitled "PREGNANT WOMEN'S KNOWLEDGE, ATTITUDE, AND ASSOCIATED FACTORS TOWARD OBSTETRIC ULTRASOUND IN HOSPITAL ERODE" is the bonafide work carried out by me under the guidance and supervision of Dr. K.C.Arul Prakasam, M.Pharm., Ph.D., Professor and Head of the Department, in the Department of Pharmacy practice., JKKMMRF'S - Annai JKK Sampoorani Ammal College of pharmacy, Komarapalayam, in a partial fulfillment of requirements for the Degree of Master of Pharmacy in Pharmacy Practice.

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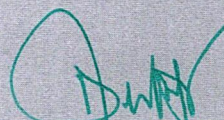
CONCLUSION

In this study, pregnant women's knowledge of obstetrical ultrasound scanning was (75%). The importance of ultrasound for sex determination is commonly reported by respondents, which is 76.1%. Knowledge of obstetric ultrasound is significantly associated with educational status of the pregnant women, parity, and residency.

Majority (90%) of pregnant women had a positive attitude toward the use of obstetric ultrasound. Whereas Pregnant women's attitudes toward obstetric ultrasound are significantly associated to their educational status, knowledge of obstetric ultrasound, and current exposure to obstetric ultrasound.

Therefore, ensuring that all antenatal women receive obstetric ultrasound scans will be helpful to prevent and manage obstetric complications and have a better pregnancy outcome, as recommended by WHO. Obstetric care providers should provide proper obstetric care, which includes regular obstetric ultrasound scans, and raise awareness about the positive effect of ultrasound scans on pregnancy outcomes for all antenatal women by giving special attention to rural women and pregnant mothers without ultrasound scans to address their poor knowledge and attitude toward ultrasound scans. Furthermore, a periodic campaign targeting rural pregnant women with a full package of maternity care focusing on the positive outcome of obstetric ultrasound for every pregnancy should be implemented.




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**A COMPARATIVE STUDY ON COST AND EFFECTIVENESS OF CLOPIDOGREL AND
TICAGRELOR IN ACUTE CORONARY SYNDROME PATIENTS**

Dissertation submitted to

THE TAMILNADU DR.M.G.R.MEDICAL UNIVERSITY,

CHENNAI -32

In the partial fulfilment of requirements for the award of the degree of

MASTER OF PHARMACY

IN

PHARMACY PRACTICE

Submitted by

K. SHARMILA

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Under the guidance of

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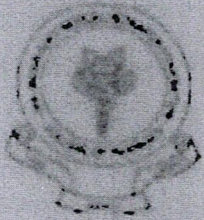
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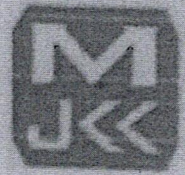


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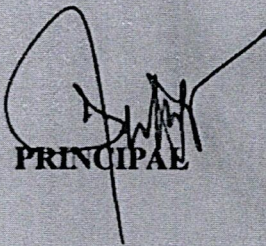
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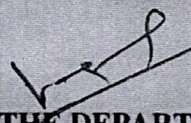


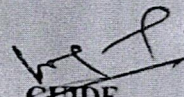
CERTIFICATE

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PRINCIPAL

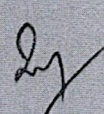

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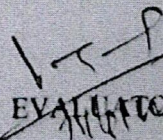

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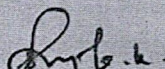
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DECLARATION

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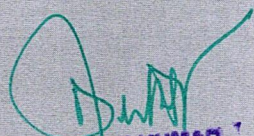

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Place: Komarapalayam




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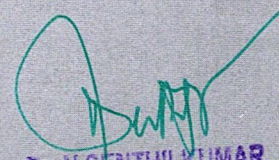
CONCLUSION

Ticagrelor has high cost and effectiveness when compared with clopidogrel. This will help to enhance the better therapeutic outcomes and improved quality of life using Nottingham Health Profile quality of life scale in ACS patients.

As a clinical pharmacist ticagrelor can be recommended even it had high economic value but more effective in preventing morbidity and mortality in patients with acute coronary syndrome when compared to clopidogrel.

In term of effectiveness ticagrelor was found to be more effective when compared to clopidogrel in the reduction of platelets, creatinine and troponin levels. The cost of ticagrelor was found to be higher in terms different brands available in our hospital.




Dr. N. SENTHIL KUMAR,
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