

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



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

Website: [www.jkkmmrfpharmacy.edu.in](http://www.jkkmmrfpharmacy.edu.in) / e.mail : [principal@jkkmmrfpharmacy.edu.in](mailto:principal@jkkmmrfpharmacy.edu.in)

Contact No : +919789456750, +919943066944, +919943069944

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

**Pharm.D**Students under taking **Project work**/Field work / Internship for the  
Academic Year 2023-2024.

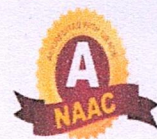
S.NO	DESCRIPTION
1	Certificate of Head of Institution
2	List of <b>Pharm.D</b> Students under taking Project work/Field work / Internship-HOI
3	List of <b>Pharm.D</b> Students under taking Project work/Field work / Internship.



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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 **29**.

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



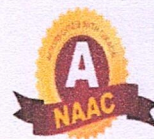
**Dr. N. SENTHILKUMAR,**  
**PRINCIPAL,**

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NAMAKKAL DISTRICT, TAMILNADU.



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Principal

### TO WHOMSOEVER IT MAY CONCERN

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

S.No	Reg No	Student name	Year	Project Work-Topic	Field work	Internship
1.	381810401	ALMINA HANEEF	V	A STUDY THE KNOLEDGE ABOUT INFERTILITY AND THE PSYCHOLOGIC AL IMPACT OF ANXIETY AND DEPRESSION AMONG INFERITILITY PATIENT AT TERTIARY CARE HOSPITAL,ERO DE.	-	-
2.	381810402	ABDUL BASITL	V		-	-
3.	381810415	KARTHIKA REEKUMAR.J.	V		-	-
4.	381810412	NATHIYA	V		-	-
5.	381810419	MANOJ KUMAR.S.	V	A COMPAPATIVE STUDY OF THE NETCOST BENEFIT ANALYSIS OF INTRAVENOUS PUSH VERSUS INTRAVENOUS PIGGYBACK	-	-
6.	381810421	NANTHISH..N.	V		-	-
7.	381810423	NAVEEN.V.	V		-	-
8.	381810424	OMARALI THANGAL.V.	V		-	-



Dr. N. SENTHILKUMAR,  
PRINCIPAL,

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**Principal**

				ANTIBIOTICS ADMINISTRATI ON TECHNIQUES.		
9.	381810417	KISHANKANTH.P.	V	KNOWLEDGE	-	-
10.	381810422	NAVEEN.C.S.	V	ATTITUDE,PRA CTICES AND	-	-
11.	381810425	PAPITHA.S.	V	AWARNES ON BREAST CANCER AMONG FEMALE POPULATION AT KOMARAPALA YAM,NAMAKK AL DT	-	-
12.	381810416	KEZIA K SABU	V	EVALUATION OF	-	-
13.	381810426	N PRAVEEN	V	KNOWLDEGE, ATTITUDE OF	-	-
14.	381810430	VENKATESH.A.	V	PRACTICE OF INSULIN ADMINSTRATI ON TECHNIQUES,S TORAGE AND RISK OF LIPOHYPERTR OPHY AMONG INSULIN AMINISTERING PATIENTS AT ERODE DT	-	-
15.	381810418	KUMAR.V.	V	A SURVEY BASED STUDY	-	-
16.	381810427	RESHMA P	V	TO EVALUATE	-	-



**Dr. N. SENTHILKUMAR,**  
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**Principal**

		VARGHESE		THE		
17.	381810428	SHAFRIN FATHIMA.A.S.	V	KNOWLDEGE,	-	-
18.	381810429	THIRUMURUGAN.N.	V	ATTITUDE AND DEWORMING PRACTICES AMONG PARENTS OF YOUNG CHILDREN IN KOMARAPALA YAM.	-	-
19.	381810404	ABISHEK.P.	V	EVALUATION OF	-	-
20.	381810405	ALWIN.B.ALEX	V	KNOWLDGE,	-	-
21.	381810407	ASWIN .A.V.	V	ATTITUDE AND PRACTICE	-	-
22.	381810410	DIVIKA.S.	V	ABOUT VARICOSE VEINS AND THE PREVALENCE OF VARICOSE VEIN AMONG EMPLOYEES FROM SELECTED OCCUPATION AT KPM NAMAKKALDT	-	-
23.	381810412	FELICS	V	A	-	-
24.	381810413	GNANAGURU.C.	V	PROSPECTIVE OBSERVATION COHORT	-	-
25.	381810408	BERFININ MAHIBA.R.J.	V	STUDY FOCUSED ON	-	-



**Dr. N. SENTHILKUMAR,**  
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26.	381810414	GOPI.B.	V	ANALYSIS THE DISRUPTIVE EFFECTS OF PAIN ON CANCER PATIENT AND THE CLINICAL EFFECTIVENESS OF MEDICATIONS AT ERODE.	-	-
27.	381810406	ANAGHA.S.	V	A PROSPECTIVE COHORT TO STUDY ON METAMORPHOSIS OF PEPTIC ULCER DYNAMICS:INSIGHT INTO HIGH RISK PARAMEDICAL STUDENTS TRANSFORMED KNOWLEDGE,LIFE STYLE OF SYMPTOMS PATTERN	-	-
28.	381810409	BIBIN RIJO.W	V		-	-
29.	381810411	EZILKKAVIA.S.	V		-	-



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



EVALUATION OF KNOWLEDGE, ATTITUDE AND PRACTISE ABOUT  
VARICOSE VEINS AND THE PREVALENCE OF VARICOSE VEIN  
AMONG EMPLOYEES FROM SELECTED OCCUPATION AT  
KOMARAPLAYAM, NAMAKKAL DISTRICT

*Dissertation submitted to*

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

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

**DOCTOR OF PHARMACY**

**Submitted By**

**ABISHEK.P (Reg.No: 381810404)**

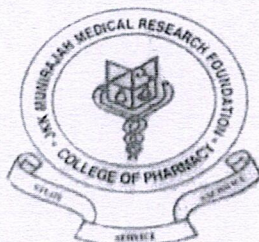
**ALWIN.B.ALEX (Reg.No: 381810405)**

**ASWIN.A.V (Reg.No: 381810407)**

**DIVIKA.S (Reg.No: 381810410)**

Under the Guidance of

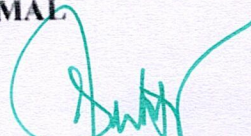
Dr. K.C. ARUL PRAKASAM, M.Pharm., PH.D  
Professor and Head of the Department



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NAMAKKAL(DT), TAMILNADU



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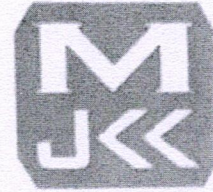
  
**Dr. N.SENTHILKUMAR,**  
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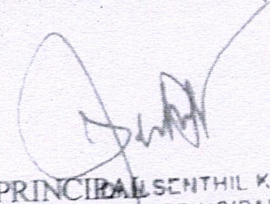


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OCTOBER-2023



This is to certify that the dissertation work entitle "EVALUATION OF KNOWLEDGE, ATTITUDE AND PRACTISE ABOUT VARICOSE VEINS AND THE PREVALENCE OF VARICOSE VEIN AMOUNG EMPLOYEES FROM SELECTED OCCUPATION AT KOMARAPLAYAM, NAMAKKAL DISTRICT" is the bonafide work carried out by Mr.ABHISHEK.P (Reg.No: 381810404), Mr. ALWIN.B.ALEX (Reg.No:381810405), Mr.ASWIN.A.V (Reg.No: 381810407), Miss. DIVIKA.S(Reg.No: 381810410), under the guidance of supervision of Dr. K.C.ARUL PRAKASAM, M.Pharm.,Ph.D., Professor, Head of the Department, Department of pharmacy practice.

This is forward to the Tamilnadu Dr.M.G.R. Medical University, Chennai is the partial fulfillment of requirements for the degree of Doctor of Pharmacy (2022- 2023).

  
PRINCIPAL SENTHIL KUMAR. HEAD OF THE DEPARTMENT  
PRINCIPAL,  
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ETHIRMEDU, B.KOMARAPALAYAM-638183,  
NAMAKKAL (DT), TAMILNADU, INDIA.  
PLACE: Komarapalayam.

DATE : 06-11-2023

EVALUATED ON : 8/11/23

EVALUATOR (1)

DR. SURESH SUNDARAM

PROF & HOD

DEPT OF PHARMACY

MAKARAPALAYAM

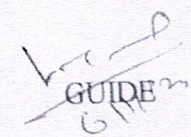
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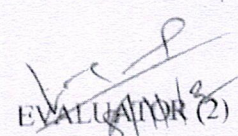
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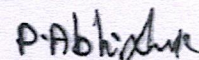
  
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HEAD OF THE DEPT OF PHARMACY PRACTICE



# DECLARATION

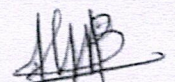
We hereby declare that this thesis entitled "EVALUATION OF KNOWLEDGE, ATTITUDE AND PRACTISE ABOUT VARICOSE VEINS AND THE PREVALENCE OF VARICOSE VEIN AMONG EMPLOYEES FROM SELECTED OCCUPATIONATKOMARAPLAYAM, NAMAKKAL DISTRICT", is a genuine research work carried out by us under the guidance and supervision of Dr. K.C.ARUL PRAKASAM ,M.Pharm.,Ph.D., PROFESSOR AND HEAD OF THE DEPARTMENT, JKKMMRF'S Annai JKK SampooraniAmmal College of Pharmacy, Komarapalayam, in a partial fulfilment 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.



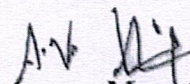
Mr.ABISHEK.P

(Reg.No: 381810404)



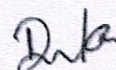
Mr. ALWIN.B.ALEX

(Reg.No: 381810405)



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Miss. DIVIKA.S

(Reg.No: 381810410)

  
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PLACE:Komarapalayam.

DATE :





## 7. CONCLUSION

This study appraises the knowledge, prevalence, attitudes and practices of specific occupations about varicose veins.

### APPRAISAL OF KNOWLEDGE

Based on occupation, gender, and age, we appraise our respondent's level of knowledge. In which, we ascertained that teachers had a greater comprehension of varicose veins than others while street vendors have less expertise. Males have better expertise than female in gender specific fields. In terms of age specific knowledge, we determined that those between ages of 36-45 had adequate knowledge of varicose veins, while those above the age of 55 have a poor expertise. Then Knowledge assessment is validated using statistical interpretation.

### APPRAISAL OF PREVALANCE

In addition, we appraises the prevalence of varicose vein symptoms according to gender, age, BMI, occupation, working hours, and number of years of working.

We scrutinize that females surpass males in terms of gender specific prevalence of varicose vein symptoms.

Peculiar to age specific prevalence, we ascertained that the age group over 55 had a higher prevalence than others, and via observation, we observed that prevalence rises with advancing age.

We scrutinize that the obese and overweight categories had a higher prevalence of varicose vein symptoms than the normal BMI range in terms of BMI-specific prevalence. Ergo, we found in our study that prevalence grows as BMI level rise.

Peculiar to standing hours specified prevalence, we found that individuals who stood for more



78  
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JKKMMRF'S College Of Pharmacy



**A PROSPECTIVE OBSERVATIONAL COHORT STUDY  
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*Dissertation submitted to*

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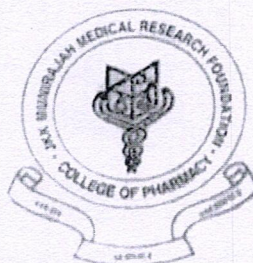
*In partial fulfillment for the award of the degree of*  
**DOCTOR OF PHARMACY**

Submitted by

<b>BERFININ MAHIBA.R. J</b>	<b>(381810408)</b>
<b>FELIC.S</b>	<b>(381810412)</b>
<b>GNANAGURU.C</b>	<b>(381810413)</b>
<b>GOPI.B</b>	<b>(381810414)</b>

Under the Guidance and supervision of  
**Dr. N. Senthil Kumar, M.Pharm, Ph.D**

**Principal**



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OF PHARMACY, KOMARAPALAYAM – 638 183**

**OCTOBER -2023**



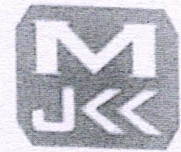
**Dr. N.SENTHILKUMAR,  
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PLACE: KOMARAPALAYAM

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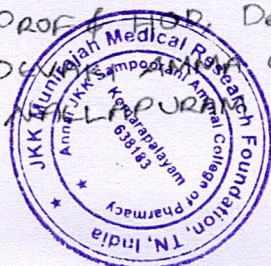
CO-GUIDE 5/11/2023

DATE:

EVALUATED ON: 8/11/23

EVALUATOR (1):

Dr. Siraj Sundaran  
PROF. & HOD, Dept of PHARMACY PRACTICE  
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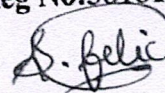
We hereby declare that this thesis entitled "A PROSPECTIVE OBSERVATIONAL COHORT STUDY FOCUSED ON ANALYZING THE DISRUPTIVE EFFECTS OF PAIN ON CANCER PATIENTS AND THE CLINICAL EFFECTIVENESS OF MEDICATION AT ERODE." is a genuine research work carried out by us, under the guidance of Dr. N.SENTHIL KUMAR, M.PHARM, Ph.D., Principal and the co-guidance of Dr. C J.GLADY GLORIA GRANT, Pharm D, Assistant Professor, JKKMMRF's ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY, Komarapalayam. For the partial fulfilment of requirement for the degree of Doctor of Pharmacy.

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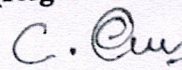
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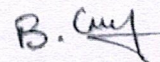
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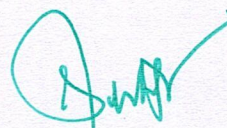


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## 7. CONCLUSION

- Our research revealed a higher prevalence of chronic pain compared to acute pain among patients. Chronic pain significantly impacted various aspects of their daily lives, including sleep patterns, physical activity, and emotional well-being, leading to symptoms of irritability, anxiety, and depression.
- Furthermore, our findings indicated that patients who predominantly relied on over-the-counter NSAIDs for short-term pain relief, without consulting a medical professional, experienced a higher incidence of adverse side effects.
- The pain following chemotherapy persisted. While pain medications provided relief for acute pain, they were not effective in alleviating chronic pain for these patients.
- We educated the patients on safe and effective use of opioids, risk of addiction, overdose and abuse. We advised the patients not to double the dose in case they have skipped the dose. Also advised them to take their medication on correct time the correct dose as much as possible.



  
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A PROSPECTIVE COHORT STUDY ON METAMORPHOSIS OF  
PEPTIC ULCER DYNAMICS: INSIGHTS INTO HIGH-RISK  
PARAMEDICAL STUDENTS TRANSFORMED KNOWLEDGE,  
LIFESTYLE AND SYMPTOMS PATTERN

*Dissertation submitted for*  
**THE TAMILNADU Dr. M.G.R. MEDICAL UNIVERSITY**  
**CHENNAI – 32.**

*In partial fulfillment for the award of the degree of*  
**“DOCTOR OF PHARMACY”**

**SUBMITTED BY**

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**EZILKKAVIA. S (381810411)**

**UNDER THE GUIDANCE OF**

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

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**OCTOBER – 2023**



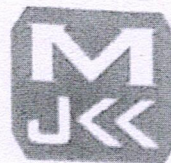
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This is to certify that the dissertation work entitled "A PROSPECTIVE COHORT STUDY ON METAMORPHOSIS OF PEPTIC ULCER DYNAMICS: INSIGHTS INTO HIGH RISK PARAMEDICAL STUDENTS TRANSFORMED KNOWLEDGE, LIFESTYLE AND SYMPTOMS PATTERN" is the bonfied work carried out by ANAGHA.S [381810406], BIBIN RIJO.W [381810409], and EZILKKAVIA.S [381810411] under the guidance and supervision of Mr. M. SENTHIL., M. Pharm., Ph.D., Assistant Professor, in the Department of Pharmacy Practice.

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*V. S. P.*  
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## DECLARATION

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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.

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## 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 127 high-risk students enhanced PUD understanding, showcasing the potential of personalized healthcare education.
- Residential factors are key in PUD risk, with Paying Guest students showing higher susceptibility. Approximately 10.3% of students had PUD, mostly Hostellers (404 individuals), indicating a higher prevalence than Day Scholars.
- Lifestyle significantly impacts PUD susceptibility, notably diet and meal frequency. Paying Guest students' lifestyle changes show promise in mitigating PUD risk, emphasizing proactive health choices for prevention.
- 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.



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KNOWLEDGE, ATTITUDE, PRACTICES AND AWARENESS  
ON BREAST CANCER AMONG FEMALE POPULATION AT  
KOMARAPLAYAM, NAMAKKAL DISTRICT

*Dissertation submitted to*  
**THE TAMILNADU Dr. M.G.R MEDICAL UNIVERSITY**  
**CHENNAI-32**

*In partial fulfillment for the award of the degree of*  
**DOCTOR OF PHARMACY**

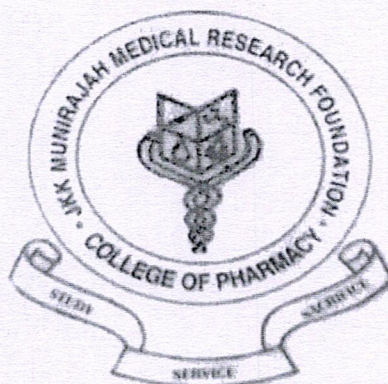
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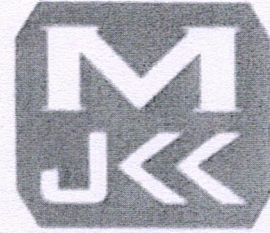
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This is to certify that the dissertation work entitle "KNOWLEDGE, ATTITUDE ,PRACTICES AND AWARENESS ON BREAST CANCER AMONG FEMALE POPULATION AT KOMARAPALAYAM, NAMAKKAL DISTRICT", is the bonafide work carried out by Mr. KISHANKANTH P (Reg. No: 381810417), Mr. NAVEEN C.S (Reg.No:381810422), Miss. PAPITHA S (Reg. No: 381810425), under the guidance and Supervision of Dr. N.SENTHIL KUMAR, M. Pharm., Ph.D., Principal, and co-guidance Dr. GLADY GLORIA GRANT C.J Pharm D, Associate professor , Department of Pharmacy Practice

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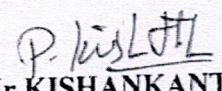
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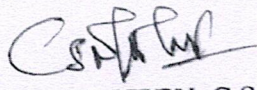


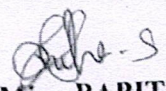
## DECLARATION

We hereby declare that this thesis entitled "KNOWLEDGE ATTITUDE PRACTICES AND AWARENESS ON BREAST CANCER AMONG FEMALE POPULATION AT KOMARAPLAYAM, NAMAKKAL DISTRICT", is a genuine research work carried out by the guidance and supervision of **Dr. N.SENTHIL KUMAR, M.Pharm.,Ph.D.**, Principal, co-guidance **Dr. GLADY GLORIA GRANT C.J Pharm D** Associate professor. JKKMMRF'S Annai JKK Sampoorani Ammal College of Pharmacy, Komarapalayam, in a partial fulfillment of requirement for the Degree of Doctor of Pharmacy.

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## 7. CONCLUSION

In this research study, we intended to evaluate the knowledge, attitude, practice, and awareness among females of a chosen demographic. By classifying the study participants into four groups based on factors including age, marital status, employment, and education, we evaluated their knowledge.

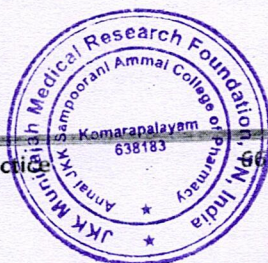
Among them, those between the age category of 18 to 25 demonstrated a better level of understanding on the knowledge of breast cancer.

For the purpose to evaluate the attitudes of the female participants in our study, we formulated a self-prepared questionnaire. And how the selected females responded to the question was analysed to identify their level of attitude. Subsequently, it generated an overall percentage of 80.2% positive responses, which is "GOOD" considering the significance of the breast cancer conditions.

Analysis of the correlation between the overall practice score and age category revealed that the age category of 36-45 was more effective than other categories in the percentage of practice toward breast cancer conditions.

We conducted a follow-up based on re-evaluating the knowledge regarding awareness. It revealed a reasonable improvement from an average score increased of 3.54 to 12.9.

We conclude our study by claiming that, our investigation allowed us to determine that about 28.6% of the female population lacked knowledge. By organizing awareness sessions for individuals who were lacking in knowledge, we were able to raise their level of understanding about breast cancer by providing pamphlets about breast cancer.



  
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**A COMPARATIVE STUDY OF THE NET COST-BENEFIT  
ANALYSIS OF INTRAVENOUS PUSH VERSUS INTRAVENOUS  
PIGGYBACK ANTIBIOTICS ADMINISTRATION TECHNIQUE**

*Dissertation submitted to*

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

*In partial fulfillment for the award of the degree of*  
**DOCTOR OF PHARMACY**

**Submitted By**

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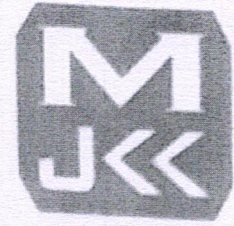
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This is to certify that the dissertation work entitled "A COMPARATIVE STUDY OF THE NET COST-BENEFIT ANALYSIS OF INTRAVENOUS PUSH VERSUS INTRAVENOUS PIGGYBACK ANTIBIOTICS ADMINISTRATION TECHNIQUE", is the bonafide work carried out by, MANOJ KUMAR S (Reg.No:381810419), NANTHISH N (Reg.No:381810421), NAVEEN V (Reg.No:381810423), OMARALI THANGAL V (Reg.No:381810424), under the guidance of 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 Doctor of Pharmacy (2022-2023).

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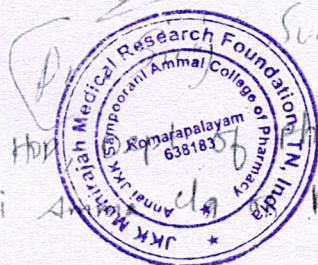
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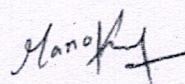
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## DECLARATION

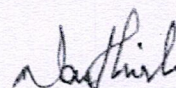
We hereby declare that this thesis entitled "A COMPARATIVE STUDY OF THE NET COST-BENEFIT ANALYSIS OF INTRAVENOUS PUSH VERSUS INTRAVENOUS PIGGYBACK ANTIBIOTICS ADMINISTRATION TECHNIQUE", is a genuine research work carried out by us under the guidance of Mr. A.SRINIVASAN, M.Pharm, Associate Professor, Department of Pharmacy Practice, JKKMMRF'S-ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY, Komarapalayam, for the partial fulfillment of the requirement for the Degree of Doctor of Pharmacy.

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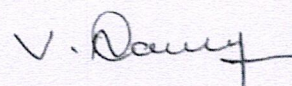
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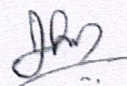
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## 7. CONCLUSION

- In our study, we focused on comparing the net cost-benefit assessment of intravenous push and intravenous piggyback antibiotics administration which were prescribed to In-patients in the hospital.
- In our permitted hospital having the admission of lower family income patients. By doing this net-cost benefit analysis, they will be benefited.
- To ascertain whether medications were affordable for average citizens with any vocations, the occupation of the individuals was compared with their family income percentage.
- We monitored patient discomfort, allergic conditions, medication errors, and complications from intravenous antibiotic treatment throughout the research.
- Out of the IV antibiotics that have been categorized, six IV antibiotics have been administered through both IV push and IV piggyback technique.
- According to the evaluation of selected 6 IV antibiotics, that have been administered through both IV push and IV piggyback technique were Meropenem, Teicoplanin, Amoxicillin + Clavulanic Acid, Cefuroxime, Cefotaxime, And Cefoperazone + Sulbactam.
- Contrary to reports, administering these medications by IV push offers a financial advantage over administering via IV piggyback.
- Cost-benefit analysis forces us to outline every potential cost and benefit associated with the project.



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A SURVEY BASED STUDY TO EVALUATE THE  
KNOWLEDGE, ATTITUDE, AND DEWORMING PRACTICES  
AMONG THE PARENTS OF YOUNG CHILDREN IN

KOMARAPALYAM

*Dissertation submitted to*

THE TAMILNADU Dr. M.G.R. MEDICAL  
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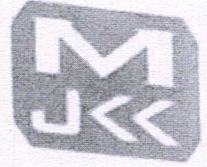
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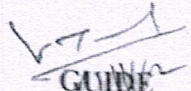
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This is to certify that the dissertation work entitled "A SURVEY BASED STUDY TO EVALUATE THE KNOWLEDGE, ATTITUDE, AND DEWORMING PRACTICES AMONG PARENTS OF YOUNG CHILDREN IN KOMARAPALAYAM" is the bonafide work carried out by us under the guidance of Dr. K.C ARUL PRAKASAM, M. Pharm, Ph.D. Professor &HOD, Department of Pharmacy Practice.

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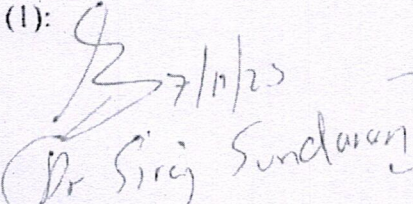
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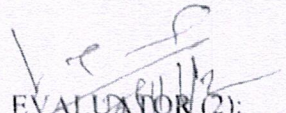
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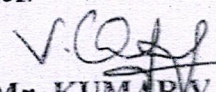
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## DECLARATION

We hereby declare that this thesis entitled is a A SURVEY BASED STUDY TO EVALUATE THE KNOWLEDGE, ATTITUDE, AND DEWORMING PRACTICES AMONG PARENTS OF YOUNG CHILDREN IN KOMARAPALAYAM genuine research work carried out by us under the guidance of Dr. K.C ARUL PRAKASAM, M. Pharm, Ph.D., Professor &HOD, Department of Pharmacy Practice. JKKMMRF's – ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY, Komarapalayam, for the partial fulfillment of the requirement for the degree of Doctor of Pharmacy.

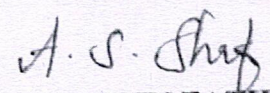
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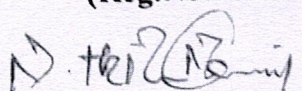
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## CONCLUSION

- In our study, we aimed on evaluating the knowledge, attitude and deworming practices among parents of young children.
- In order to evaluate parent's knowledge, we categorized them into groups based on their level of education and informational sources.
- We found that on the basis of educational status, individuals who had completed their degree were showing higher level of knowledge, whereas from the source of information, individuals who have acquired information from friends and relatives were showing more in proportion, when compared to other categories.
- Following the knowledge, we have assessed the attitude of the parents by using the questionnaire.
- We have associated the level of deworming practices with the age of the child to identify the category of parents who are doing good practices. On measuring the level of deworming practices, we found that parents of age category 20-30 were doing "GOOD" practices.
- Here, through our study we observed that most parents are believing that deworming practices should be initiated only when the children show the signs of having worm infection.



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EVALUATION OF KNOWLEDGE, ATTITUDE & PRACTICE  
OF INSULIN ADMINISTRATION TECHNIQUES,  
STORAGE AND RISK OF LIPOHYPERTROPHY AMONG  
INSULIN ADMINISTERING PATIENTS AT ERODE DISTRICT

*Dissertation submitted for*

THE TAMILNADU Dr. M.G.R. MEDICAL UNIVERSITY

CHENNAI – 32.

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

“DOCTOR OF PHARMACY”

**SUBMITTED BY**

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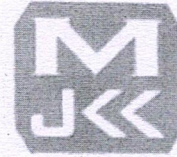
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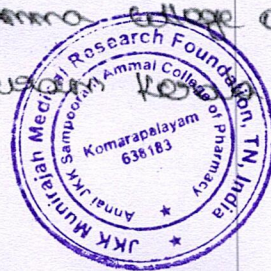
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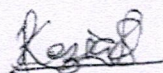
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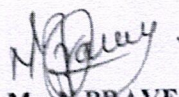
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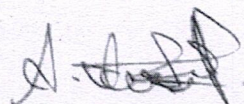
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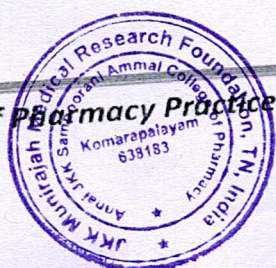
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## 7.CONCLUSION

- The major goal of our study was to assess the level of knowledge, attitude, and practice about insulin delivery techniques, storage, and risk of lipohypertrophy among insulin administering patients in chosen sites.
- When we divided knowledge into three categories based on gender, age, and educational attainment, it became clear that people in the 30- to 45-year-old age group comprehended more about administering insulin.
- In our investigation into participant attitudes, we analyzed these responses for our self-prepared questionnaire session and found that 43.18% of them were favorable positive responses.
- Following the post-procedure follow-up, it was noted that there had been a considerable improvement in their attitude toward insulin delivery, with a response rate of 61.02%
- In our study, we further examined the storage and administration practices for insulin among diabetic patients, and we found that these practices were “GOOD” for patients between the ages of 46 and 65.
- It was observed that those between the ages of 46 and 65 had a higher risk of developing lipohypertrophy compared to other groups. Lipohypertrophy treatment was also discussed in the awareness session.
- Hereby we conclude our study by claiming that people's degree of practice administering insulin injections is inadequate owing to hectic work schedules.





**A STUDY ON THE KNOWLEDGE ABOUT INFERTILITY  
AND THE PSYCHOLOGICAL IMPACT OF  
ANXIETY AND DEPRESSION AMONG INFERTILITY PATIENTS  
AT TERTIARY CARE HOSPITAL, ERODE**

*Dissertation submitted to*  
**THE TAMILNADU Dr. M.G.R MEDICAL UNIVERSITY  
CHENNAI-32**

*In partial fulfillment for the award of the degree of*  
**DOCTOR OF PHARMACY**  
**Submitted By**

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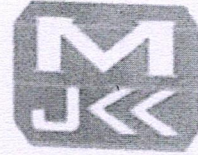
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### CERTIFICATE

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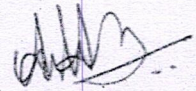
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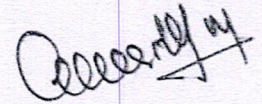
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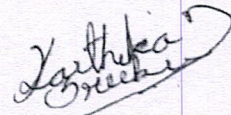
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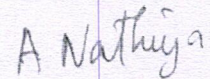
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## CONCLUSION

- We categorize the study's sample populations into four based on the level of their education.
- We evaluated the knowledge and effects on their psychological conditions of those who were more likely to be susceptible to anxiety and depression based on these categories.
- Upon analyzing the knowledge, we discovered that individuals with Degree had higher knowledge score than those in other categories.
- As part of our study's evaluation of knowledge, the number of years of marriage has been taken into consideration.
- Following, we evaluated the psychological well-being of the participants in our study who were more inclined to struggle with anxiety and depression.
- We assessed the individual's psychological condition by using a scoring method which was then compared with the knowledge of each participant.
- Our study focused on the relationship between educational attainment and mental health conditions like anxiety and depression.
- Examining psychological conditions based on probability of experiencing anxiety and depression revealed that anxiety was more frequently observed in people with below SSLC on the other hand depression was SSLC.
- Through our research, we came to the conclusion that those with the lower level of knowledge were more likely to develop psychiatric issues when undergoing IVF treatment.
- There should be some public information campaigns and educational sessions about infertility issues, especially for newlyweds for improving their knowledge about infertility conditions.



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EVALUATION OF KNOWLEDGE, ATTITUDE AND PRACTISE ABOUT  
VARICOSE VEINS AND THE PREVALENCE OF VARICOSE VEIN  
AMONG EMPLOYEES FROM SELECTED OCCUPATION AT  
KOMARAPLAYAM, NAMAKKAL DISTRICT

*Dissertation submitted to*

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

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

DOCTOR OF PHARMACY

Submitted By

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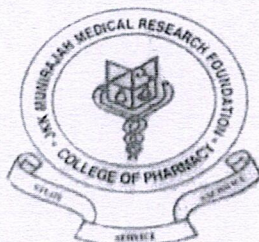
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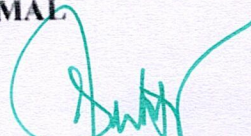
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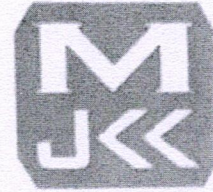
  
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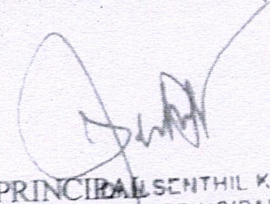


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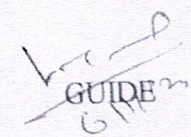
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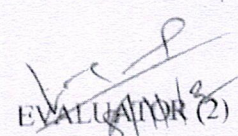
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# DECLARATION

We hereby declare that this thesis entitled "EVALUATION OF KNOWLEDGE, ATTITUDE AND PRACTISE ABOUT VARICOSE VEINS AND THE PREVALENCE OF VARICOSE VEIN AMONG EMPLOYEES FROM SELECTED OCCUPATIONATKOMARAPLAYAM, NAMAKKAL DISTRICT", is a genuine research work carried out by us under the guidance and supervision of Dr. K.C.ARUL PRAKASAM ,M.Pharm.,Ph.D., PROFESSOR AND HEAD OF THE DEPARTMENT, JKKMMRF'S Annai JKK SampooraniAmmal College of Pharmacy, Komarapalayam, in a partial fulfilment 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.

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## 7.CONCLUSION

This study appraises the knowledge, prevalence, attitudes and practices of specific occupations about varicose veins.

### APPRAISAL OF KNOWLEDGE

Based on occupation, gender, and age, we appraise our respondent's level of knowledge. In which, we ascertained that teachers had a greater comprehension of varicose veins than others while street vendors have less expertise. Males have better expertise than female in gender specific fields. In terms of age specific knowledge, we determined that those between ages of 36-45 had adequate knowledge of varicose veins, while those above the age of 55 have a poor expertise. Then Knowledge assessment is validated using statistical interpretation.

### APPRAISAL OF PREVALANCE

In addition, we appraises the prevalence of varicose vein symptoms according to gender, age, BMI, occupation, working hours, and number of years of working.

We scrutinize that females surpass males in terms of gender specific prevalence of varicose vein symptoms.

Peculiar to age specific prevalence, we ascertained that the age group over 55 had a higher prevalence than others, and via observation, we observed that prevalence rises with advancing age.

We scrutinize that the obese and overweight categories had a higher prevalence of varicose vein symptoms than the normal BMI range in terms of BMI-specific prevalence. Ergo, we found in our study that prevalence grows as BMI level rise.

Peculiar to standing hours specified prevalence, we found that individuals who stood for more



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**A PROSPECTIVE OBSERVATIONAL COHORT STUDY  
FOCUSED ON ANALYSING THE DISRUPTIVE  
EFFECTS OF PAIN ON CANCER PATIENTS AND THE  
CLINICAL EFFECTIVENESS OF MEDICATIONS AT  
ERODE.**

*Dissertation submitted to*

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

*In partial fulfillment for the award of the degree of*  
**DOCTOR OF PHARMACY**

Submitted by

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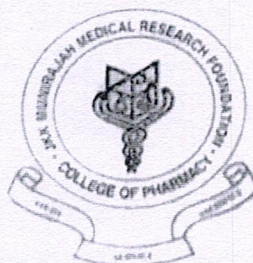
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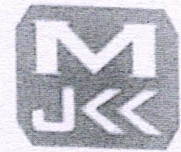
  
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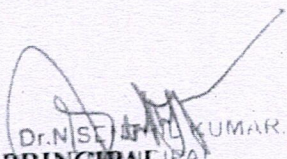


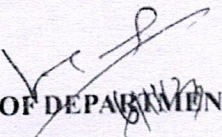
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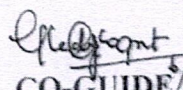
This is to certify that the dissertation work entitled " A PROSPECTIVE OBSERVATIONAL COHORT STUDY FOCUSED ON ANALYZING THE DISRUPTIVE EFFECTS OF PAIN ON CANCER PATIENTS AND THE CLINICAL EFFECTIVENESS OF MEDICATIONS AT ERODE". is the bonafide work carried out by **BERFININ MAHIBA. R.J [381810408]**, **FELIC. S [381810412]**, **GNANA GURU. C [381810413]**, and **GOPI. B [381810414]** under the guidance of **Dr. N. SENTHIL KUMAR, M. PHARM, Ph.D., Principal** and the co-guidance of **Dr. C J. GLADY GLORIA GRANT, Pharm D, Assistant Professor, Department of Pharmacy Practice.**

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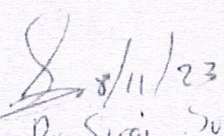
  
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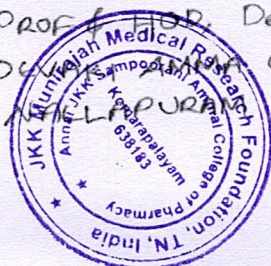
  
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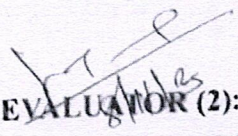
  
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## DECLARATION

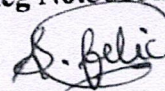
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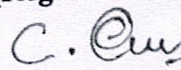
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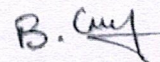
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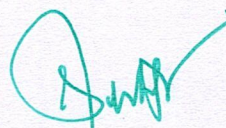


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## 7. CONCLUSION

- Our research revealed a higher prevalence of chronic pain compared to acute pain among patients. Chronic pain significantly impacted various aspects of their daily lives, including sleep patterns, physical activity, and emotional well-being, leading to symptoms of irritability, anxiety, and depression.
- Furthermore, our findings indicated that patients who predominantly relied on over-the-counter NSAIDs for short-term pain relief, without consulting a medical professional, experienced a higher incidence of adverse side effects.
- The pain following chemotherapy persisted. While pain medications provided relief for acute pain, they were not effective in alleviating chronic pain for these patients.
- We educated the patients on safe and effective use of opioids, risk of addiction, overdose and abuse. We advised the patients not to double the dose in case they have skipped the dose. Also advised them to take their medication on correct time the correct dose as much as possible.



  
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A PROSPECTIVE COHORT STUDY ON METAMORPHOSIS OF  
PEPTIC ULCER DYNAMICS: INSIGHTS INTO HIGH-RISK  
PARAMEDICAL STUDENTS TRANSFORMED KNOWLEDGE,  
LIFESTYLE AND SYMPTOMS PATTERN

*Dissertation submitted for*  
THE TAMILNADU Dr. M.G.R. MEDICAL UNIVERSITY  
CHENNAI – 32.

*In partial fulfillment for the award of the degree of*  
“DOCTOR OF PHARMACY”

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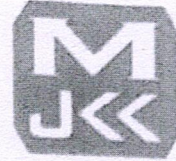
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This is to certify that the dissertation work entitled "A PROSPECTIVE COHORT STUDY ON METAMORPHOSIS OF PEPTIC ULCER DYNAMICS: INSIGHTS INTO HIGH RISK PARAMEDICAL STUDENTS TRANSFORMED KNOWLEDGE, LIFESTYLE AND SYMPTOMS PATTERN" is the bonfied work carried out by ANAGHA.S [381810406], BIBIN RIJO.W [381810409], and EZILKKAVIA.S [381810411] under the guidance and supervision of Mr. M. SENTHIL., M. Pharm., Ph.D., Assistant Professor, in the Department of Pharmacy Practice.

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## DECLARATION

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## 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 127 high-risk students enhanced PUD understanding, showcasing the potential of personalized healthcare education.
- Residential factors are key in PUD risk, with Paying Guest students showing higher susceptibility. Approximately 10.3% of students had PUD, mostly Hostellers (404 individuals), indicating a higher prevalence than Day Scholars.
- Lifestyle significantly impacts PUD susceptibility, notably diet and meal frequency. Paying Guest students' lifestyle changes show promise in mitigating PUD risk, emphasizing proactive health choices for prevention.
- 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.



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KNOWLEDGE, ATTITUDE, PRACTICES AND AWARENESS  
ON BREAST CANCER AMONG FEMALE POPULATION AT  
KOMARAPLAYAM, NAMAKKAL DISTRICT

*Dissertation submitted to*  
**THE TAMILNADU Dr. M.G.R MEDICAL UNIVERSITY**  
**CHENNAI-32**

*In partial fulfillment for the award of the degree of*  
**DOCTOR OF PHARMACY**

**Submitted By**  
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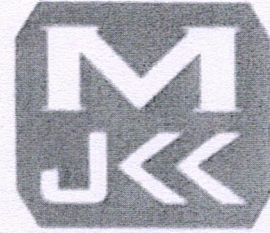
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This is to certify that the dissertation work entitle "KNOWLEDGE, ATTITUDE ,PRACTICES AND AWARENESS ON BREAST CANCER AMONG FEMALE POPULATION AT KOMARAPALAYAM, NAMAKKAL DISTRICT", is the bonafide work carried out by Mr. KISHANKANTH P (Reg. No: 381810417), Mr. NAVEEN C.S (Reg.No:381810422), Miss. PAPITHA S (Reg. No: 381810425), under the guidance and Supervision of Dr. N.SENTHIL KUMAR, M. Pharm., Ph.D., Principal, and co-guidance Dr. GLADY GLORIA GRANT C.J Pharm D, Associate professor , Department of Pharmacy Practice

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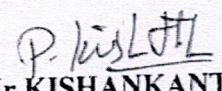
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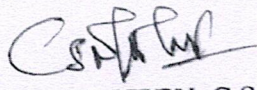


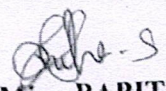
## DECLARATION

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## 7. CONCLUSION

In this research study, we intended to evaluate the knowledge, attitude, practice, and awareness among females of a chosen demographic. By classifying the study participants into four groups based on factors including age, marital status, employment, and education, we evaluated their knowledge.

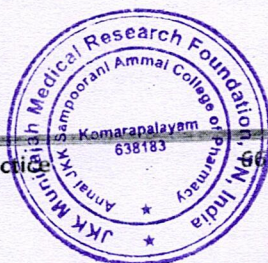
Among them, those between the age category of 18 to 25 demonstrated a better level of understanding on the knowledge of breast cancer.

For the purpose to evaluate the attitudes of the female participants in our study, we formulated a self-prepared questionnaire. And how the selected females responded to the question was analysed to identify their level of attitude. Subsequently, it generated an overall percentage of 80.2% positive responses, which is "GOOD" considering the significance of the breast cancer conditions.

Analysis of the correlation between the overall practice score and age category revealed that the age category of 36-45 was more effective than other categories in the percentage of practice toward breast cancer conditions.

We conducted a follow-up based on re-evaluating the knowledge regarding awareness. It revealed a reasonable improvement from an average score increased of 3.54 to 12.9.

We conclude our study by claiming that, our investigation allowed us to determine that about 28.6% of the female population lacked knowledge. By organizing awareness sessions for individuals who were lacking in knowledge, we were able to raise their level of understanding about breast cancer by providing pamphlets about breast cancer.



  
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**A COMPARATIVE STUDY OF THE NET COST-BENEFIT  
ANALYSIS OF INTRAVENOUS PUSH VERSUS INTRAVENOUS  
PIGGYBACK ANTIBIOTICS ADMINISTRATION TECHNIQUE**

*Dissertation submitted to*

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

*In partial fulfillment for the award of the degree of*  
**DOCTOR OF PHARMACY**

**Submitted By**

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Under the Guidance of  
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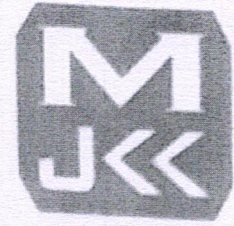
  
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This is to certify that the dissertation work entitled "A COMPARATIVE STUDY OF THE NET COST-BENEFIT ANALYSIS OF INTRAVENOUS PUSH VERSUS INTRAVENOUS PIGGYBACK ANTIBIOTICS ADMINISTRATION TECHNIQUE", is the bonafide work carried out by, MANOJ KUMAR S (Reg.No:381810419), NANTHISH N (Reg.No:381810421), NAVEEN V (Reg.No:381810423), OMARALI THANGAL V (Reg.No:381810424), under the guidance of supervision of Mr. A.SRINIVASAN, M.Pharm, Associate Professor, in the Department of Pharmacy Practice.

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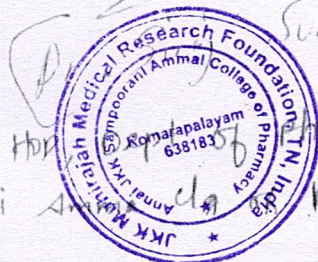
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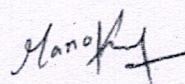
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## DECLARATION

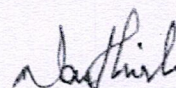
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We further declare that this work has not been submitted earlier in part or full for the award of any degree or diploma to this or any other University. The information furnished in this thesis is genuine to the best of our knowledge and belief.



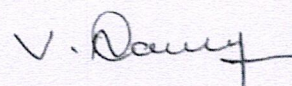
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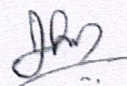
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## 7. CONCLUSION

- In our study, we focused on comparing the net cost-benefit assessment of intravenous push and intravenous piggyback antibiotics administration which were prescribed to In-patients in the hospital.
- In our permitted hospital having the admission of lower family income patients. By doing this net-cost benefit analysis, they will be benefited.
- To ascertain whether medications were affordable for average citizens with any vocations, the occupation of the individuals was compared with their family income percentage.
- We monitored patient discomfort, allergic conditions, medication errors, and complications from intravenous antibiotic treatment throughout the research.
- Out of the IV antibiotics that have been categorized, six IV antibiotics have been administered through both IV push and IV piggyback technique.
- According to the evaluation of selected 6 IV antibiotics, that have been administered through both IV push and IV piggyback technique were Meropenem, Teicoplanin, Amoxicillin + Clavulanic Acid, Cefuroxime, Cefotaxime, And Cefoperazone + Sulbactam.
- Contrary to reports, administering these medications by IV push offers a financial advantage over administering via IV piggyback.
- Cost-benefit analysis forces us to outline every potential cost and benefit associated with the project.



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A SURVEY BASED STUDY TO EVALUATE THE  
KNOWLEDGE, ATTITUDE, AND DEWORMING PRACTICES  
AMONG THE PARENTS OF YOUNG CHILDREN IN

KOMARAPALYAM

*Dissertation submitted to*

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

In partial fulfillment for the award of the degree of  
DOCTOR OF PHARMACY

*Submitted by*

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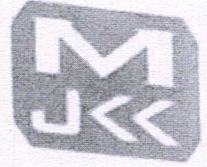
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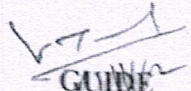
**CERTIFICATE**

This is to certify that the dissertation work entitled "A SURVEY BASED STUDY TO EVALUATE THE KNOWLEDGE, ATTITUDE, AND DEWORMING PRACTICES AMONG PARENTS OF YOUNG CHILDREN IN KOMARAPALAYAM" is the bonafide work carried out by us under the guidance of Dr. K.C ARUL PRAKASAM, M. Pharm, Ph.D. Professor &HOD, 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 Doctor of Pharmacy (2022-2023).

  
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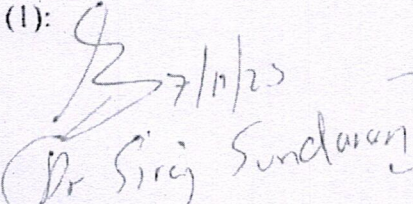
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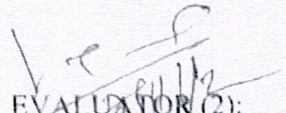
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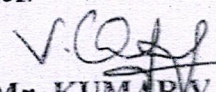
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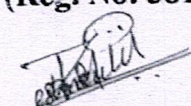
## DECLARATION

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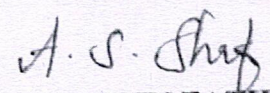
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Mr. KUMAR V

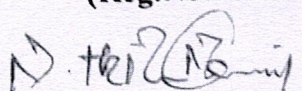
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## CONCLUSION

- In our study, we aimed on evaluating the knowledge, attitude and deworming practices among parents of young children.
- In order to evaluate parent's knowledge, we categorized them into groups based on their level of education and informational sources.
- We found that on the basis of educational status, individuals who had completed their degree were showing higher level of knowledge, whereas from the source of information, individuals who have acquired information from friends and relatives were showing more in proportion, when compared to other categories.
- Following the knowledge, we have assessed the attitude of the parents by using the questionnaire.
- We have associated the level of deworming practices with the age of the child to identify the category of parents who are doing good practices. On measuring the level of deworming practices, we found that parents of age category 20-30 were doing "GOOD" practices.
- Here, through our study we observed that most parents are believing that deworming practices should be initiated only when the children show the signs of having worm infection.



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EVALUATION OF KNOWLEDGE, ATTITUDE & PRACTICE  
OF INSULIN ADMINISTRATION TECHNIQUES,  
STORAGE AND RISK OF LIPOHYPERTROPHY AMONG  
INSULIN ADMINISTERING PATIENTS AT ERODE DISTRICT

*Dissertation submitted for*

THE TAMILNADU Dr. M.G.R. MEDICAL UNIVERSITY  
CHENNAI – 32.

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

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**SUBMITTED BY**

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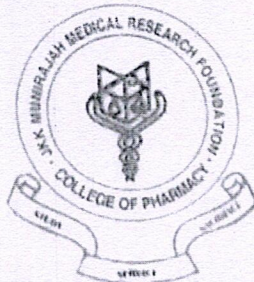
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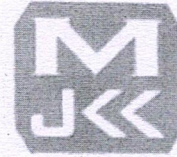
**Dr. N.SENTHILKUMAR,**  
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This is to certify that the dissertation work entitled "EVALUATION OF KNOWLEDGE, ATTITUDE & PRACTICE OF INSULIN ADMINISTRATION TECHNIQUES, STORAGE AND RISK OF LIPOHYPERTROPHY AMONG INSULIN ADMINISTERING PATIENTS AT ERODE DISTRICT" is the bonfied work carried out by Ms. KEZIA K SABU [381810416], Mr. N PRAVEEN [381810426], and Mr. VENKATESH A [381810430] under the guidance and supervision of Mr. M. SENTHIL., M. Pharm., Ph.D., Assistant Professor, in the Department of Pharmacy Practice.

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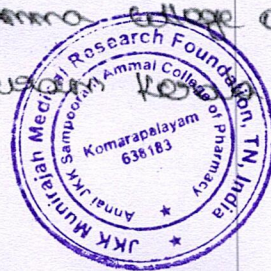
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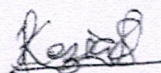
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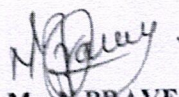
## DECLARATION

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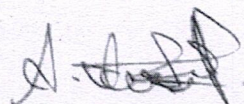
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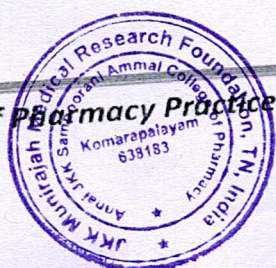
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## 7.CONCLUSION

- The major goal of our study was to assess the level of knowledge, attitude, and practice about insulin delivery techniques, storage, and risk of lipohypertrophy among insulin administering patients in chosen sites.
- When we divided knowledge into three categories based on gender, age, and educational attainment, it became clear that people in the 30- to 45-year-old age group comprehended more about administering insulin.
- In our investigation into participant attitudes, we analyzed these responses for our self-prepared questionnaire session and found that 43.18% of them were favorable positive responses.
- Following the post-procedure follow-up, it was noted that there had been a considerable improvement in their attitude toward insulin delivery, with a response rate of 61.02%.
- In our study, we further examined the storage and administration practices for insulin among diabetic patients, and we found that these practices were "GOOD" for patients between the ages of 46 and 65.
- It was observed that those between the ages of 46 and 65 had a higher risk of developing lipohypertrophy compared to other groups. Lipohypertrophy treatment was also discussed in the awareness session.
- Hereby we conclude our study by claiming that people's degree of practice administering insulin injections is inadequate owing to hectic work schedules.





**A STUDY ON THE KNOWLEDGE ABOUT INFERTILITY  
AND THE PSYCHOLOGICAL IMPACT OF  
ANXIETY AND DEPRESSION AMONG INFERTILITY PATIENTS  
AT TERTIARY CARE HOSPITAL, ERODE**

*Dissertation submitted to*  
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*In partial fulfillment for the award of the degree of*  
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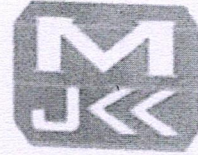
  
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### CERTIFICATE

This is to certify that the dissertation work entitled "A STUDY ON THE KNOWLEDGE ABOUT INFERTILITY AND THE PSYCHOLOGICAL IMPACT OF ANXIETY AND DEPRESSION AMONG INFERTILITY PATIENTS AT TERTIARY CARE HOSPITAL, ERODE" is the bonafide work carried out by, Ms. AAMINA HANEEF (Reg.No: 381810401), Mr. ABDUL BASITH M (Reg.No: 381810402), Ms. KARTHIKA SREEKUMAR J (Reg.No: 381810415), Ms. NATHIYA A (Reg.No: 381710412) under the guidance of Mr. A. SRINIVASAN, M. Pharm, Associate Professor, 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 Doctor of Pharmacy (2022-2023).

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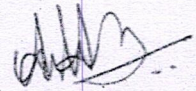
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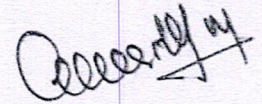
## DECLARATION

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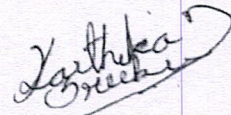
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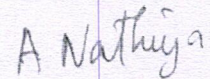
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## CONCLUSION

- We categorize the study's sample populations into four based on the level of their education.
- We evaluated the knowledge and effects on their psychological conditions of those who were more likely to be susceptible to anxiety and depression based on these categories.
- Upon analyzing the knowledge, we discovered that individuals with Degree had higher knowledge score than those in other categories.
- As part of our study's evaluation of knowledge, the number of years of marriage has been taken into consideration.
- Following, we evaluated the psychological well-being of the participants in our study who were more inclined to struggle with anxiety and depression.
- We assessed the individual's psychological condition by using a scoring method which was then compared with the knowledge of each participant.
- Our study focused on the relationship between educational attainment and mental health conditions like anxiety and depression.
- Examining psychological conditions based on probability of experiencing anxiety and depression revealed that anxiety was more frequently observed in people with below SSLC on the other hand depression was SSLC.
- Through our research, we came to the conclusion that those with the lower level of knowledge were more likely to develop psychiatric issues when undergoing IVF treatment.
- There should be some public information campaigns and educational sessions about infertility issues, especially for newlyweds for improving their knowledge about infertility conditions.



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EVALUATION OF KNOWLEDGE, ATTITUDE AND PRACTISE ABOUT  
VARICOSE VEINS AND THE PREVALENCE OF VARICOSE VEIN  
AMONG EMPLOYEES FROM SELECTED OCCUPATION AT  
KOMARAPLAYAM, NAMAKKAL DISTRICT

*Dissertation submitted to*

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

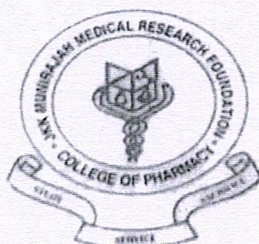
*In partial fulfillment for the award of the degree of*

DOCTOR OF PHARMACY

Submitted By

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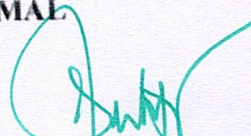
Under the Guidance of  
Dr. K.C. ARUL PRAKASAM, M.Pharm., PH.D  
Professor and Head of the Department



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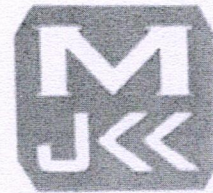
  
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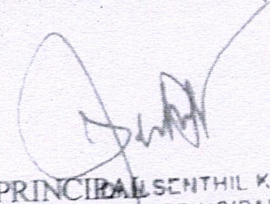


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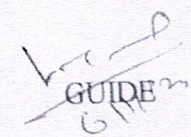
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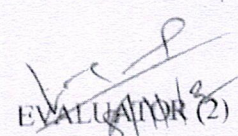
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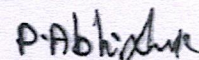
  
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# DECLARATION

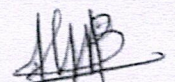
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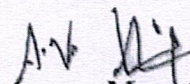
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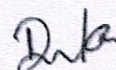
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## 7.CONCLUSION

This study appraises the knowledge, prevalence, attitudes and practices of specific occupations about varicose veins.

### APPRAISAL OF KNOWLEDGE

Based on occupation, gender, and age, we appraise our respondent's level of knowledge. In which, we ascertained that teachers had a greater comprehension of varicose veins than others while street vendors have less expertise. Males have better expertise than female in gender specific fields. In terms of age specific knowledge, we determined that those between ages of 36-45 had adequate knowledge of varicose veins, while those above the age of 55 have a poor expertise. Then Knowledge assessment is validated using statistical interpretation.

### APPRAISAL OF PREVALANCE

In addition, we appraises the prevalence of varicose vein symptoms according to gender, age, BMI, occupation, working hours, and number of years of working.

We scrutinize that females surpass males in terms of gender specific prevalence of varicose vein symptoms.

Peculiar to age specific prevalence, we ascertained that the age group over 55 had a higher prevalence than others, and via observation, we observed that prevalence rises with advancing age.

We scrutinize that the obese and overweight categories had a higher prevalence of varicose vein symptoms than the normal BMI range in terms of BMI-specific prevalence. Ergo, we found in our study that prevalence grows as BMI level rise.

Peculiar to standing hours specified prevalence, we found that individuals who stood for more



78  
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**A PROSPECTIVE OBSERVATIONAL COHORT STUDY  
FOCUSED ON ANALYSING THE DISRUPTIVE  
EFFECTS OF PAIN ON CANCER PATIENTS AND THE  
CLINICAL EFFECTIVENESS OF MEDICATIONS AT  
ERODE.**

*Dissertation submitted to*

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

*In partial fulfillment for the award of the degree of*  
**DOCTOR OF PHARMACY**

Submitted by

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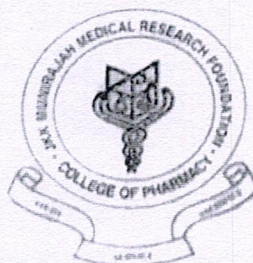
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**Principal**



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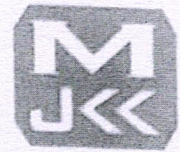
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This is forwarded to the Tamilnadu Dr.M.G.R Medical University, Chennai, for the partial fulfillment of requirements for the Degree of Doctor of Pharmacy (2022-2023).

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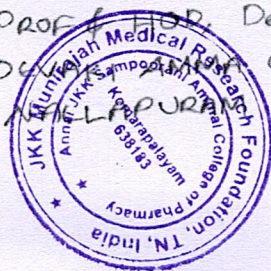
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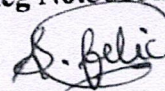
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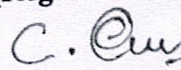
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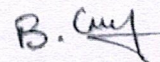
**S.FELIC**

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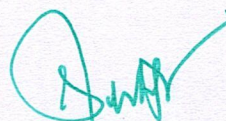


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## 7. CONCLUSION

- Our research revealed a higher prevalence of chronic pain compared to acute pain among patients. Chronic pain significantly impacted various aspects of their daily lives, including sleep patterns, physical activity, and emotional well-being, leading to symptoms of irritability, anxiety, and depression.
- Furthermore, our findings indicated that patients who predominantly relied on over-the-counter NSAIDs for short-term pain relief, without consulting a medical professional, experienced a higher incidence of adverse side effects.
- The pain following chemotherapy persisted. While pain medications provided relief for acute pain, they were not effective in alleviating chronic pain for these patients.
- We educated the patients on safe and effective use of opioids, risk of addiction, overdose and abuse. We advised the patients not to double the dose in case they have skipped the dose. Also advised them to take their medication on correct time the correct dose as much as possible.



  
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NAMAKKAL DISTRICT, TAMILNADU.



A PROSPECTIVE COHORT STUDY ON METAMORPHOSIS OF  
PEPTIC ULCER DYNAMICS: INSIGHTS INTO HIGH-RISK  
PARAMEDICAL STUDENTS TRANSFORMED KNOWLEDGE,  
LIFESTYLE AND SYMPTOMS PATTERN

*Dissertation submitted for*  
THE TAMILNADU Dr. M.G.R. MEDICAL UNIVERSITY  
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*In partial fulfillment for the award of the degree of*  
“DOCTOR OF PHARMACY”

**SUBMITTED BY**

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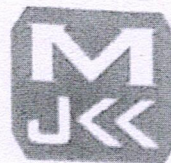
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This is to certify that the dissertation work entitled "A PROSPECTIVE COHORT STUDY ON METAMORPHOSIS OF PEPTIC ULCER DYNAMICS: INSIGHTS INTO HIGH RISK PARAMEDICAL STUDENTS TRANSFORMED KNOWLEDGE, LIFESTYLE AND SYMPTOMS PATTERN" is the bonfied work carried out by ANAGHA.S [381810406], BIBIN RIJO.W [381810409], and EZILKKAVIA.S [381810411] under the guidance and supervision of Mr. M. SENTHIL., M. Pharm., Ph.D., Assistant Professor, in the Department of Pharmacy Practice.

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We hereby declare that this thesis entitled "A PROSPECTIVE COHORT STUDY ON METAMORPHOSIS OF PEPTIC ULCER DYNAMICS: INSIGHTS INTO HIGH RISK PARAMEDICAL STUDENTS TRANSFORMED KNOWLEDGE, LIFESTYLE AND SYMPTOMS PATTERN" 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.

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## 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 127 high-risk students enhanced PUD understanding, showcasing the potential of personalized healthcare education.
- Residential factors are key in PUD risk, with Paying Guest students showing higher susceptibility. Approximately 10.3% of students had PUD, mostly Hostellers (404 individuals), indicating a higher prevalence than Day Scholars.
- Lifestyle significantly impacts PUD susceptibility, notably diet and meal frequency. Paying Guest students' lifestyle changes show promise in mitigating PUD risk, emphasizing proactive health choices for prevention.
- 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.



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KNOWLEDGE, ATTITUDE, PRACTICES AND AWARENESS  
ON BREAST CANCER AMONG FEMALE POPULATION AT  
KOMARAPLAYAM, NAMAKKAL DISTRICT

*Dissertation submitted to*  
**THE TAMILNADU Dr. M.G.R MEDICAL UNIVERSITY**  
**CHENNAI-32**

*In partial fulfillment for the award of the degree of*  
**DOCTOR OF PHARMACY**

**Submitted By**  
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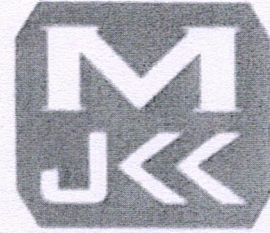
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This is to certify that the dissertation work entitle "KNOWLEDGE, ATTITUDE ,PRACTICES AND AWARENESS ON BREAST CANCER AMONG FEMALE POPULATION AT KOMARAPALAYAM, NAMAKKAL DISTRICT", is the bonafide work carried out by Mr. KISHANKANTH P (Reg. No: 381810417), Mr. NAVEEN C.S (Reg.No:381810422), Miss. PAPITHA S (Reg. No: 381810425), under the guidance and Supervision of Dr. N.SENTHIL KUMAR, M. Pharm., Ph.D., Principal, and co-guidance Dr. GLADY GLORIA GRANT C.J Pharm D, Associate professor , Department of Pharmacy Practice

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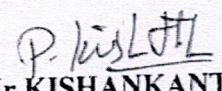
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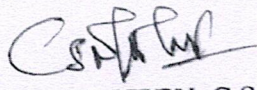


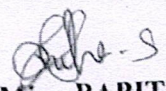
## DECLARATION

We hereby declare that this thesis entitled "KNOWLEDGE ATTITUDE PRACTICES AND AWARENESS ON BREAST CANCER AMONG FEMALE POPULATION AT KOMARAPLAYAM, NAMAKKAL DISTRICT", is a genuine research work carried out by the guidance and supervision of **Dr. N.SENTHIL KUMAR, M.Pharm.,Ph.D.**, Principal, co-guidance **Dr. GLADY GLORIA GRANT C.J Pharm D** Associate professor. JKKMMRF'S Annai JKK Sampoorani Ammal College of Pharmacy, Komarapalayam, in a partial fulfillment of requirement for the Degree of Doctor of Pharmacy.

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## 7. CONCLUSION

In this research study, we intended to evaluate the knowledge, attitude, practice, and awareness among females of a chosen demographic. By classifying the study participants into four groups based on factors including age, marital status, employment, and education, we evaluated their knowledge.

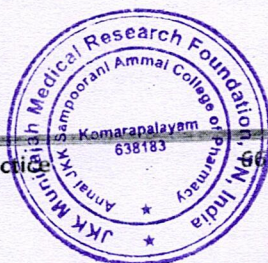
Among them, those between the age category of 18 to 25 demonstrated a better level of understanding on the knowledge of breast cancer.

For the purpose to evaluate the attitudes of the female participants in our study, we formulated a self-prepared questionnaire. And how the selected females responded to the question was analysed to identify their level of attitude. Subsequently, it generated an overall percentage of 80.2% positive responses, which is "GOOD" considering the significance of the breast cancer conditions.

Analysis of the correlation between the overall practice score and age category revealed that the age category of 36-45 was more effective than other categories in the percentage of practice toward breast cancer conditions.

We conducted a follow-up based on re-evaluating the knowledge regarding awareness. It revealed a reasonable improvement from an average score increased of 3.54 to 12.9.

We conclude our study by claiming that, our investigation allowed us to determine that about 28.6% of the female population lacked knowledge. By organizing awareness sessions for individuals who were lacking in knowledge, we were able to raise their level of understanding about breast cancer by providing pamphlets about breast cancer.



  
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**A COMPARATIVE STUDY OF THE NET COST-BENEFIT  
ANALYSIS OF INTRAVENOUS PUSH VERSUS INTRAVENOUS  
PIGGYBACK ANTIBIOTICS ADMINISTRATION TECHNIQUE**

*Dissertation submitted to*

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

*In partial fulfillment for the award of the degree of*  
**DOCTOR OF PHARMACY**

**Submitted By**

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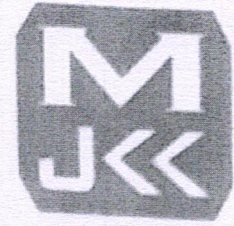
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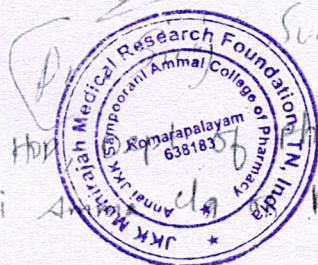
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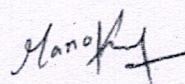
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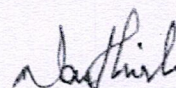
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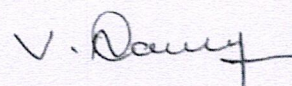
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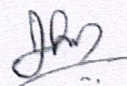
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## 7. CONCLUSION

- In our study, we focused on comparing the net cost-benefit assessment of intravenous push and intravenous piggyback antibiotics administration which were prescribed to In-patients in the hospital.
- In our permitted hospital having the admission of lower family income patients. By doing this net-cost benefit analysis, they will be benefited.
- To ascertain whether medications were affordable for average citizens with any vocations, the occupation of the individuals was compared with their family income percentage.
- We monitored patient discomfort, allergic conditions, medication errors, and complications from intravenous antibiotic treatment throughout the research.
- Out of the IV antibiotics that have been categorized, six IV antibiotics have been administered through both IV push and IV piggyback technique.
- According to the evaluation of selected 6 IV antibiotics, that have been administered through both IV push and IV piggyback technique were Meropenem, Teicoplanin, Amoxicillin + Clavulanic Acid, Cefuroxime, Cefotaxime, And Cefoperazone + Sulbactam.
- Contrary to reports, administering these medications by IV push offers a financial advantage over administering via IV piggyback.
- Cost-benefit analysis forces us to outline every potential cost and benefit associated with the project.



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A SURVEY BASED STUDY TO EVALUATE THE  
KNOWLEDGE, ATTITUDE, AND DEWORMING PRACTICES  
AMONG THE PARENTS OF YOUNG CHILDREN IN  
KOMARAPALYAM

*Dissertation submitted to*

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

In partial fulfillment for the award of the degree of  
DOCTOR OF PHARMACY

*Submitted by*

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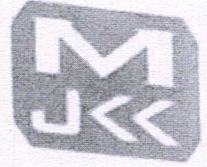
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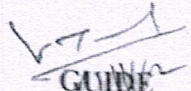
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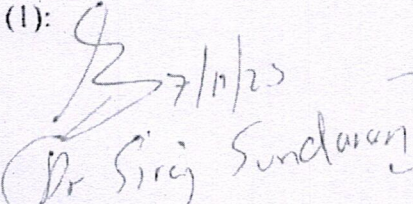
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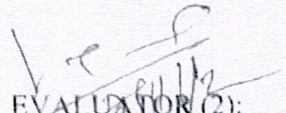
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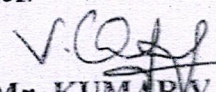
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## DECLARATION

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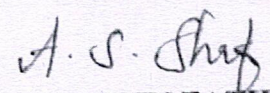
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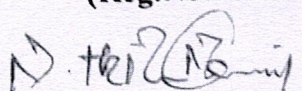
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## CONCLUSION

- In our study, we aimed on evaluating the knowledge, attitude and deworming practices among parents of young children.
- In order to evaluate parent's knowledge, we categorized them into groups based on their level of education and informational sources.
- We found that on the basis of educational status, individuals who had completed their degree were showing higher level of knowledge, whereas from the source of information, individuals who have acquired information from friends and relatives were showing more in proportion, when compared to other categories.
- Following the knowledge, we have assessed the attitude of the parents by using the questionnaire.
- We have associated the level of deworming practices with the age of the child to identify the category of parents who are doing good practices. On measuring the level of deworming practices, we found that parents of age category 20-30 were doing "GOOD" practices.
- Here, through our study we observed that most parents are believing that deworming practices should be initiated only when the children show the signs of having worm infection.



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EVALUATION OF KNOWLEDGE, ATTITUDE & PRACTICE  
OF INSULIN ADMINISTRATION TECHNIQUES,  
STORAGE AND RISK OF LIPOHYPERTROPHY AMONG  
INSULIN ADMINISTERING PATIENTS AT ERODE DISTRICT

*Dissertation submitted for*

THE TAMILNADU Dr. M.G.R. MEDICAL UNIVERSITY  
CHENNAI – 32.

*In partial fulfillment for the award of the degree of*  
“DOCTOR OF PHARMACY”

**SUBMITTED BY**

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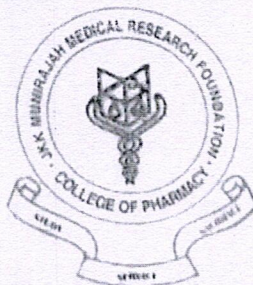
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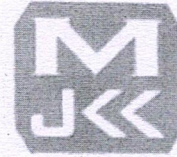
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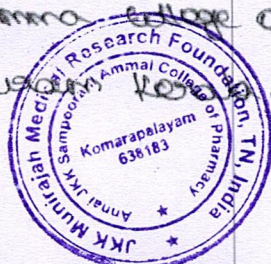
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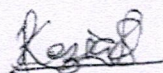
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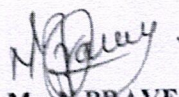
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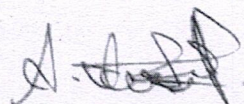
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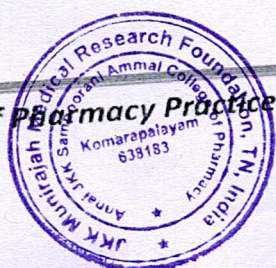
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## 7.CONCLUSION

- The major goal of our study was to assess the level of knowledge, attitude, and practice about insulin delivery techniques, storage, and risk of lipohypertrophy among insulin administering patients in chosen sites.
- When we divided knowledge into three categories based on gender, age, and educational attainment, it became clear that people in the 30- to 45-year-old age group comprehended more about administering insulin.
- In our investigation into participant attitudes, we analyzed these responses for our self-prepared questionnaire session and found that 43.18% of them were favorable positive responses.
- Following the post-procedure follow-up, it was noted that there had been a considerable improvement in their attitude toward insulin delivery, with a response rate of 61.02%
- In our study, we further examined the storage and administration practices for insulin among diabetic patients, and we found that these practices were “GOOD” for patients between the ages of 46 and 65.
- It was observed that those between the ages of 46 and 65 had a higher risk of developing lipohypertrophy compared to other groups. Lipohypertrophy treatment was also discussed in the awareness session.
- Hereby we conclude our study by claiming that people's degree of practice administering insulin injections is inadequate owing to hectic work schedules.





**A STUDY ON THE KNOWLEDGE ABOUT INFERTILITY  
AND THE PSYCHOLOGICAL IMPACT OF  
ANXIETY AND DEPRESSION AMONG INFERTILITY PATIENTS  
AT TERTIARY CARE HOSPITAL, ERODE**

*Dissertation submitted to*  
**THE TAMILNADU Dr. M.G.R MEDICAL UNIVERSITY  
CHENNAI-32**

*In partial fulfillment for the award of the degree of*  
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**Submitted By**

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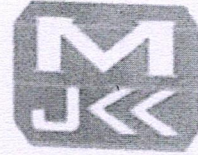
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### CERTIFICATE

This is to certify that the dissertation work entitled "A STUDY ON THE KNOWLEDGE ABOUT INFERTILITY AND THE PSYCHOLOGICAL IMPACT OF ANXIETY AND DEPRESSION AMONG INFERTILITY PATIENTS AT TERTIARY CARE HOSPITAL, ERODE" is the bonafide work carried out by, Ms. AAMINA HANEEF (Reg.No: 381810401), Mr. ABDUL BASITH M (Reg.No: 381810402), Ms. KARTHIKA SREEKUMAR J (Reg.No: 381810415), Ms. NATHIYA A (Reg.No: 381710412) under the guidance of Mr. A. SRINIVASAN, M. Pharm, Associate Professor, Department of Pharmacy Practice.

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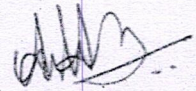
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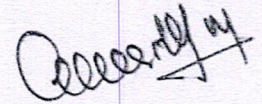
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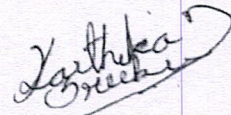
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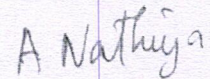
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## CONCLUSION

- We categorize the study's sample populations into four based on the level of their education.
- We evaluated the knowledge and effects on their psychological conditions of those who were more likely to be susceptible to anxiety and depression based on these categories.
- Upon analyzing the knowledge, we discovered that individuals with Degree had higher knowledge score than those in other categories.
- As part of our study's evaluation of knowledge, the number of years of marriage has been taken into consideration.
- Following, we evaluated the psychological well-being of the participants in our study who were more inclined to struggle with anxiety and depression.
- We assessed the individual's psychological condition by using a scoring method which was then compared with the knowledge of each participant.
- Our study focused on the relationship between educational attainment and mental health conditions like anxiety and depression.
- Examining psychological conditions based on probability of experiencing anxiety and depression revealed that anxiety was more frequently observed in people with below SSLC on the other hand depression was SSLC.
- Through our research, we came to the conclusion that those with the lower level of knowledge were more likely to develop psychiatric issues when undergoing IVF treatment.
- There should be some public information campaigns and educational sessions about infertility issues, especially for newlyweds for improving their knowledge about infertility conditions.



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EVALUATION OF KNOWLEDGE, ATTITUDE AND PRACTISE ABOUT  
VARICOSE VEINS AND THE PREVALENCE OF VARICOSE VEIN  
AMONG EMPLOYEES FROM SELECTED OCCUPATION AT  
KOMARAPLAYAM, NAMAKKAL DISTRICT

*Dissertation submitted to*

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

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

**DOCTOR OF PHARMACY**

**Submitted By**

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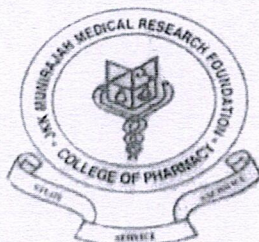
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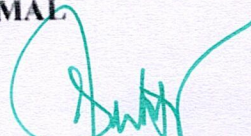
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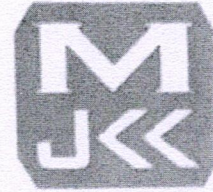
  
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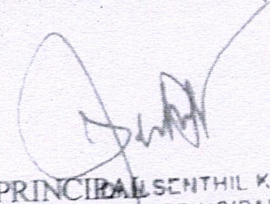


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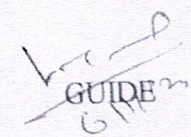
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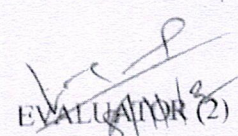
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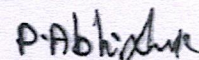
  
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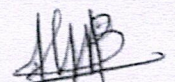
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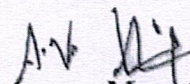
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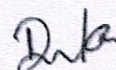
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## 7. CONCLUSION

This study appraises the knowledge, prevalence, attitudes and practices of specific occupations about varicose veins.

### APPRAISAL OF KNOWLEDGE

Based on occupation, gender, and age, we appraise our respondent's level of knowledge. In which, we ascertained that teachers had a greater comprehension of varicose veins than others while street vendors have less expertise. Males have better expertise than female in gender specific fields. In terms of age specific knowledge, we determined that those between ages of 36-45 had adequate knowledge of varicose veins, while those above the age of 55 have a poor expertise. Then Knowledge assessment is validated using statistical interpretation.

### APPRAISAL OF PREVALANCE

In addition, we appraises the prevalence of varicose vein symptoms according to gender, age, BMI, occupation, working hours, and number of years of working.

We scrutinize that females surpass males in terms of gender specific prevalence of varicose vein symptoms.

Peculiar to age specific prevalence, we ascertained that the age group over 55 had a higher prevalence than others, and via observation, we observed that prevalence rises with advancing age.

We scrutinize that the obese and overweight categories had a higher prevalence of varicose vein symptoms than the normal BMI range in terms of BMI-specific prevalence. Ergo, we found in our study that prevalence grows as BMI level rise.

Peculiar to standing hours specified prevalence, we found that individuals who stood for more



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**A PROSPECTIVE OBSERVATIONAL COHORT STUDY  
FOCUSED ON ANALYSING THE DISRUPTIVE  
EFFECTS OF PAIN ON CANCER PATIENTS AND THE  
CLINICAL EFFECTIVENESS OF MEDICATIONS AT  
ERODE.**

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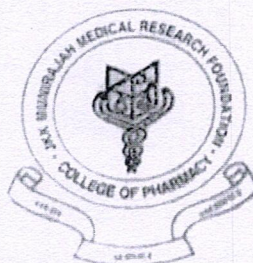
*In partial fulfillment for the award of the degree of*  
**DOCTOR OF PHARMACY**

Submitted by

BERFININ MAHIBA.R. J	(381810408)
FELIC.S	(381810412)
GNANAGURU.C	(381810413)
<b>GOPI.B</b>	<b>(381810414)</b>

Under the Guidance and supervision of  
**Dr. N. Senthil Kumar, M.Pharm, Ph.D**

**Principal**



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**OCTOBER -2023**



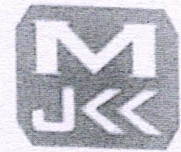
  
**Dr. N.SENTHILKUMAR,  
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NAMAKKAL DISTRICT, TAMILNADU.**



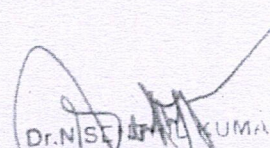


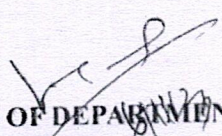
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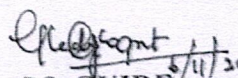
This is to certify that the dissertation work entitled " A PROSPECTIVE OBSERVATIONAL COHORT STUDY FOCUSED ON ANALYZING THE DISRUPTIVE EFFECTS OF PAIN ON CANCER PATIENTS AND THE CLINICAL EFFECTIVENESS OF MEDICATIONS AT ERODE". is the bonafide work carried out by **BERFININ MAHIBA. R.J [381810408]**, **FELIC. S [381810412]**, **GNANA GURU. C [381810413]**, and **GOPI. B [381810414]** under the guidance of **Dr. N. SENTHIL KUMAR, M. PHARM, Ph.D., Principal** and the co-guidance of **Dr. C J. GLADY GLORIA GRANT, Pharm D, Assistant Professor, Department of Pharmacy Practice.**

This is forwarded to the Tamilnadu Dr.M.G.R Medical University, Chennai, for the partial fulfillment of requirements for the Degree of Doctor of Pharmacy (2022-2023).

  
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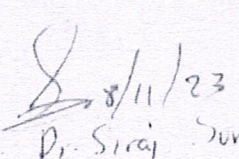
  
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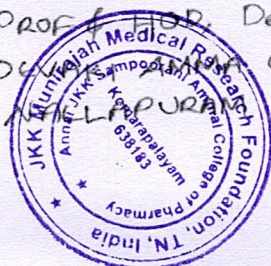
  
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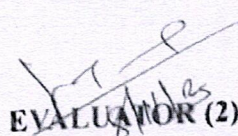
  
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## DECLARATION

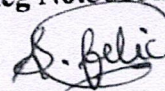
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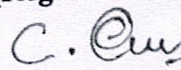
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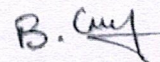
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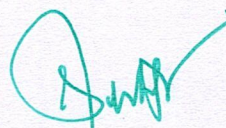
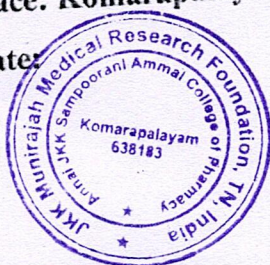


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## 7. CONCLUSION

- Our research revealed a higher prevalence of chronic pain compared to acute pain among patients. Chronic pain significantly impacted various aspects of their daily lives, including sleep patterns, physical activity, and emotional well-being, leading to symptoms of irritability, anxiety, and depression.
- Furthermore, our findings indicated that patients who predominantly relied on over-the-counter NSAIDs for short-term pain relief, without consulting a medical professional, experienced a higher incidence of adverse side effects.
- The pain following chemotherapy persisted. While pain medications provided relief for acute pain, they were not effective in alleviating chronic pain for these patients.
- We educated the patients on safe and effective use of opioids, risk of addiction, overdose and abuse. We advised the patients not to double the dose in case they have skipped the dose. Also advised them to take their medication on correct time the correct dose as much as possible.



  
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**A COMPARATIVE STUDY OF THE NET COST-BENEFIT  
ANALYSIS OF INTRAVENOUS PUSH VERSUS INTRAVENOUS  
PIGGYBACK ANTIBIOTICS ADMINISTRATION TECHNIQUE**

*Dissertation submitted to*

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

*In partial fulfillment for the award of the degree of*  
**DOCTOR OF PHARMACY**

**Submitted By**

**MANOJ KUMAR S (381810419)**

**NANTHISH N (381810421)**

**NAVEEN V (381810423)**

**OMARALI THANGAL V (381810424)**

Under the Guidance of  
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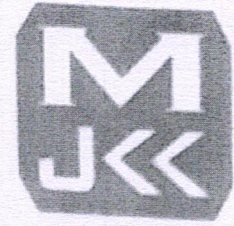
  
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This is to certify that the dissertation work entitled "A COMPARATIVE STUDY OF THE NET COST-BENEFIT ANALYSIS OF INTRAVENOUS PUSH VERSUS INTRAVENOUS PIGGYBACK ANTIBIOTICS ADMINISTRATION TECHNIQUE", is the bonafide work carried out by, MANOJ KUMAR S (Reg.No:381810419), NANTHISH N (Reg.No:381810421), NAVEEN V (Reg.No:381810423), OMARALI THANGAL V (Reg.No:381810424), under the guidance of 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 Doctor of Pharmacy (2022-2023).

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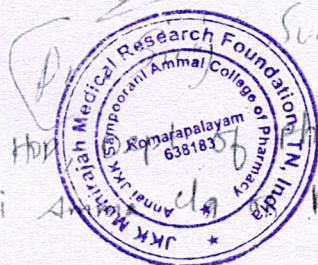
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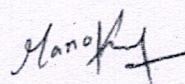
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## DECLARATION

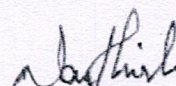
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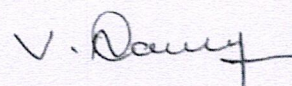
MANOJ KUMAR S

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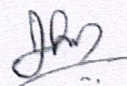
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## 7. CONCLUSION

- In our study, we focused on comparing the net cost-benefit assessment of intravenous push and intravenous piggyback antibiotics administration which were prescribed to In-patients in the hospital.
- In our permitted hospital having the admission of lower family income patients. By doing this net-cost benefit analysis, they will be benefited.
- To ascertain whether medications were affordable for average citizens with any vocations, the occupation of the individuals was compared with their family income percentage.
- We monitored patient discomfort, allergic conditions, medication errors, and complications from intravenous antibiotic treatment throughout the research.
- Out of the IV antibiotics that have been categorized, six IV antibiotics have been administered through both IV push and IV piggyback technique.
- According to the evaluation of selected 6 IV antibiotics, that have been administered through both IV push and IV piggyback technique were Meropenem, Teicoplanin, Amoxicillin + Clavulanic Acid, Cefuroxime, Cefotaxime, And Cefoperazone + Sulbactam.
- Contrary to reports, administering these medications by IV push offers a financial advantage over administering via IV piggyback.
- Cost-benefit analysis forces us to outline every potential cost and benefit associated with the project.



**Dr. N.SENTHILKUMAR,**  
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**ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY,**  
**ETHIRMEDU, KOMARAPALAYAM - 638 183,**  
**NAMAKKAL DISTRICT, TAMILNADU.**



A SURVEY BASED STUDY TO EVALUATE THE  
KNOWLEDGE, ATTITUDE, AND DEWORMING PRACTICES  
AMONG THE PARENTS OF YOUNG CHILDREN IN  
KOMARAPALYAM

*Dissertation submitted to*

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

In partial fulfillment for the award of the degree of  
DOCTOR OF PHARMACY

*Submitted by*

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Reg.No:381810427

SHAFRIN FATHIMA A S

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*Under the Guidance of*

Dr. K.C. ARUL PRAKASAM, M. PHARM, Ph.D.

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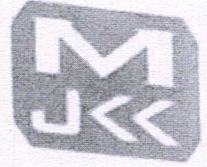
Dr. N.SENTHILKUMAR,  
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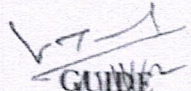
**CERTIFICATE**

This is to certify that the dissertation work entitled "A SURVEY BASED STUDY TO EVALUATE THE KNOWLEDGE, ATTITUDE, AND DEWORMING PRACTICES AMONG PARENTS OF YOUNG CHILDREN IN KOMARAPALAYAM" is the bonafide work carried out by us under the guidance of Dr. K.C ARUL PRAKASAM, M. Pharm, Ph.D. Professor &HOD, Department of Pharmacy Practice.

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DR. N. SENTHIL KUMAR.

  
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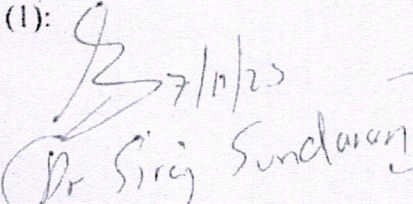
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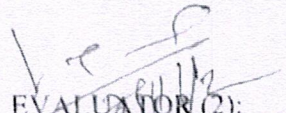
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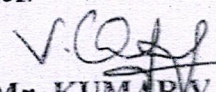
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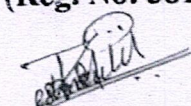
## DECLARATION

We hereby declare that this thesis entitled is a A SURVEY BASED STUDY TO EVALUATE THE KNOWLEDGE, ATTITUDE, AND DEWORMING PRACTICES AMONG PARENTS OF YOUNG CHILDREN IN KOMARAPALAYAM genuine research work carried out by us under the guidance of Dr. K.C ARUL PRAKASAM, M. Pharm, Ph.D., Professor &HOD, Department of Pharmacy Practice. JKKMMRF's – ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY, Komarapalayam, for the partial fulfillment of the requirement for the degree of Doctor of Pharmacy.

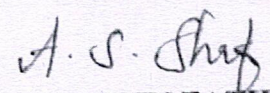
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Mr. KUMAR V

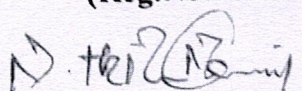
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## CONCLUSION

- In our study, we aimed on evaluating the knowledge, attitude and deworming practices among parents of young children.
- In order to evaluate parent's knowledge, we categorized them into groups based on their level of education and informational sources.
- We found that on the basis of educational status, individuals who had completed their degree were showing higher level of knowledge, whereas from the source of information, individuals who have acquired information from friends and relatives were showing more in proportion, when compared to other categories.
- Following the knowledge, we have assessed the attitude of the parents by using the questionnaire.
- We have associated the level of deworming practices with the age of the child to identify the category of parents who are doing good practices. On measuring the level of deworming practices, we found that parents of age category 20-30 were doing "GOOD" practices.
- Here, through our study we observed that most parents are believing that deworming practices should be initiated only when the children show the signs of having worm infection.



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**A STUDY ON THE KNOWLEDGE ABOUT INFERTILITY  
AND THE PSYCHOLOGICAL IMPACT OF  
ANXIETY AND DEPRESSION AMONG INFERTILITY PATIENTS  
AT TERTIARY CARE HOSPITAL, ERODE**

*Dissertation submitted to*  
**THE TAMILNADU Dr. M.G.R MEDICAL UNIVERSITY  
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*In partial fulfillment for the award of the degree of*  
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**Submitted By**

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OCTOBER-2023



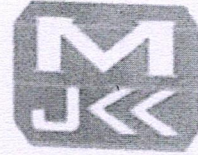
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### CERTIFICATE

This is to certify that the dissertation work entitled "A STUDY ON THE KNOWLEDGE ABOUT INFERTILITY AND THE PSYCHOLOGICAL IMPACT OF ANXIETY AND DEPRESSION AMONG INFERTILITY PATIENTS AT TERTIARY CARE HOSPITAL, ERODE" is the bonafide work carried out by, Ms. AAMINA HANEEF (Reg.No: 381810401), Mr. ABDUL BASITH M (Reg.No: 381810402), Ms. KARTHIKA SREEKUMAR J (Reg.No: 381810415), Ms. NATHIYA A (Reg.No: 381710412) under the guidance of Mr. A. SRINIVASAN, M. Pharm, Associate Professor, 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 Doctor of Pharmacy (2022-2023).

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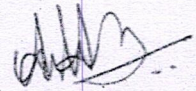
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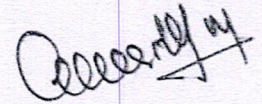
## DECLARATION

We hereby declare that this thesis entitled "A STUDY ON THE KNOWLEDGE ABOUT INFERTILITY AND THE PSYCHOLOGICAL IMPACT OF ANXIETY AND DEPRESSION AMONG INFERTILITY PATIENTS AT TERTIARY CARE HOSPITAL, ERODE" is a genuine research work carried out by Ms. AAMINA HANEEF (Reg.No:381810401), Mr. ABDUL BASITH (Reg.No:381810402), Ms. KARTHIKA SREEKUMAR J (Reg.No:381810415) Ms. NATHIYA A (Reg No:381710412) under the guidance of Mr. A. SRINIVASAN, M. Pharm, Associate Professor, Department of Pharmacy Practice, JKKMMRF'S - ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY, Komarapalayam, for the partial fulfillment of the requirement for the degree of Doctor of Pharmacy.

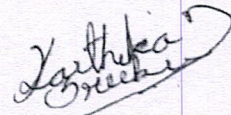
We further declare that this work has not been submitted earlier in part or full for the award of any degree or diploma to this or any University. The information furnished in this thesis is genuine to the best of our knowledge and belief.



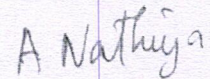
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## CONCLUSION

- We categorize the study's sample populations into four based on the level of their education.
- We evaluated the knowledge and effects on their psychological conditions of those who were more likely to be susceptible to anxiety and depression based on these categories.
- Upon analyzing the knowledge, we discovered that individuals with Degree had higher knowledge score than those in other categories.
- As part of our study's evaluation of knowledge, the number of years of marriage has been taken into consideration.
- Following, we evaluated the psychological well-being of the participants in our study who were more inclined to struggle with anxiety and depression.
- We assessed the individual's psychological condition by using a scoring method which was then compared with the knowledge of each participant.
- Our study focused on the relationship between educational attainment and mental health conditions like anxiety and depression.
- Examining psychological conditions based on probability of experiencing anxiety and depression revealed that anxiety was more frequently observed in people with below SSLC on the other hand depression was SSLC.
- Through our research, we came to the conclusion that those with the lower level of knowledge were more likely to develop psychiatric issues when undergoing IVF treatment.
- There should be some public information campaigns and educational sessions about infertility issues, especially for newlyweds for improving their knowledge about infertility conditions.



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