



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

Ethirmedu, B.Komarapalayam – 638 183, Namakkal Dist. Tamilnadu. India
Approved by : Pharmacy Council of India, New Delhi & The Tamilnadu Dr.M.G.R Medical University, Chennai.
Website : www.jkkmmrfpharmacy.edu.in | E-Mail : principal@jkkmmrfpharmacy.edu.in
Contact No. : +919789456750, +919943069944, +919943066944

DATE:30.11.2020

DEPARTMENT OF PHARMACOLOGY

REPORT

WORKSHOP ON ROUTE OF ADMINISTRATION VENUE: SEMINAR HALL
DATED:30/11/2020

RESOURCE PERSONS:

- 1. Mr.G.Thamotharan, M.PHARM.,**
ASSOCIATE PROFESSOR, JKKMMRF'S ANNAI JKK SAMPOORANIAMMAL
COLLEGE OF PHARMACY, KOMARAPALAYAM.
- 2. Mr.G.Muthukumar., M.PHARM.,**
ASSOCIATE PROFESSOR, JKKMMRF'S ANNAI JKK SAMPOORANIAMMAL
COLLEGE OF PHARMACY, KOMARAPALAYAM.

No. of students enrolled: 264

No. of students certified: 260

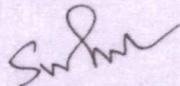
No. of students certified in our Institution : 19

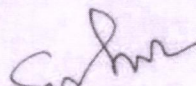
Objective

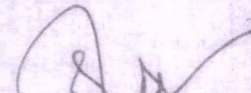
The route of administration is the way through which the dosage form is administered into the body for treatment of various diseases and disorders.. These soft skill development program provides additional knowledge to the students other than their academic knowledge.

Learning outcomes:

- Describe the different methods by which injectable medicines are given.
- Describe the pharmacokinetic implications of various Routes of Administration.
- Describe the advantages and disadvantage of various Routes of Administration.


Programme
Co-ordinator


HOD


Principal

Dr. N.SENTHILKUMAR,
PRINCIPAL

JKK MUNIRAJAH MEDICAL RESEARCH FOUNDATION
ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY
ETHIRMEDU, KOMARAPALAYAM - 638 183.
NAMAKKAL DISTRICT. TAMILNADU. INDIA.




Dr. N.SENTHILKUMAR,
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REF.NO: JKKM/PP- /REQ/0000/002

Date: 01/11/2020

From

Department of Pharmacology
JKKMMRF'S Annai JKK Sampoorni Ammal College of Pharmacy.
Komarapalayam, Namakkal [Dist]
Tamil Nadu, PIN:638183.

To

The Principal,
JKKMMRF'S Annai JKK Sampoorni Ammal College of Pharmacy.
Komarapalayam, Namakkal [Dist]
Tamil Nadu, PIN:638183.

Respected Sir,

Sub: Requesting permission to conduct seminar (**Route of administration**) regarding:-

With due respect, we kindly request you to grant us permission to conduct a seminar on **09/11/2020 to 10/11/2020** in the topic **Workshop on Route of administration**. We believe this will be informative session and useful for our students.

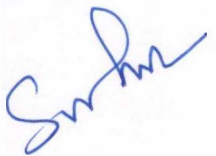
Kindly consider the above, we will be grateful to you sir.

Thank you


Dr. N. SENTHILKUMAR,
PRINCIPAL,

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Yours sincerely,







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DEPARTMENT OF PHARMACOLOGY

CIRCULAR

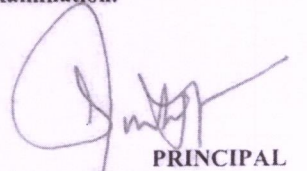
2020

This is inform to the students that the following soft skill development course can be conducted by the Department of Pharmacology, JKKMMRF'S ANNAI JKK SAMPOORANI AMMAL COLLEGE OF PHARMACY, KOMARAPALAYAM and it will be commenced as per the schedule:

Course Name	Date	FN	AN	Venue	Resource Person
Workshop on Route of administration	09/11/2020 to 10/11/2020	I B.PHARM	II & III PHARM.D	SEMINAR HALL	Mr.G.Thamotharan & Mr.G.Muthukumaran

All the above-mentioned students must enrol and actively participate in the course without fail.

NOTE: Certificates should be issued to all the students after completion of the course and examination.


PRINCIPAL

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

**JKK MUNIRAJAH MEDICAL RESEARCH FOU
ANNAI JKK SAMPOORANI AMMAL COLLEGE OF P
ETHIRMEDU, KOMARAPALAYAM - 638 1
NAMAKKAL DISTRICT, TAMILNADI**




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Workshop on Route of administration

Introduction

This certificate program is designed to provide a concrete theoretical foundation and accurate knowledge on different actions and side effects of various medications. The program also teaches about various routes of medication administration and the skills required to properly administer different medications through particular routes including oral route (pills/liquid), nose drops, eye drops, ear drops, suppositories, topical, transdermal, etc. The program emphasizes upon critical thinking and reflective practice, holistic care and cultural diversity/sensitivity.

Objectives

The theoretical component of the program is designed to facilitate the learner's knowledge of medications and their effects on patients. Students will explore the pharmacology, classifications, mechanisms of action, and side effects of medications. The impact of medications on various diseases and lab results will be explained.

Factors determining route of administration are as follows:

1. Drug characteristics like state of drug (solid/liquid/gas), and other properties of drug such as its solubility, stability, pH, and irritancy.
2. Clinical scenarios such as emergency or regular treatment.
3. Patient conditions like unconscious state, or if patient is experiencing diarrhea or vomiting.
4. Age.
5. Comorbid diseases.
6. Patient/doctor choice.
7. Rate and extent of absorption of the drug from different routes.
8. Effect of digestive enzymes and first-pass metabolism on the drug

The route of administration of a medication directly affects the drug bioavailability, which determines both the start and the duration of the pharmacological effect. Some considerations must be taken into account when designing a drug dosage form: (1) the intended route of administration; (2) the amount or dose to be administered; (3) the anatomical and physiological characteristics of the site of absorption, such as membrane permeability and blood flow; (4) the physicochemical properties of the site, such as pH and osmotic pressure of physiological fluids; and (5) the potential effect of the medication over the site of administration.

Routes of drug administration can be divided broadly into two categories: local and systemic. Systemic route includes enteral route which further comprises oral and rectal (drug is directly administered into the gastrointestinal tract [GIT]), whereas parenteral route comprises sublingual (under the tongue), inhalation (into bronchi) and injection. Further, injection includes intravenous (IV, into the vein), intramuscular (IM, into the muscle), and subcutaneous (SC, under the skin).




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**JKKMMRF'S JKK ANNAI
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COLLEGE OF PHARMACY**

DEPARTMENT OF PHARMACOLOGY

**Workshop on Route of
Administration**

**1. Dr.G.Thamocharan, M.PHARM.,
ASSOCIATE PROFESSOR, JKKMMRF'S ANNAI JKK
SAMPOORANIAMMAL
COLLEGE OF PHARMACY, KOMARAPALAYAM.**

**2. Mr.G.Muthukumar., M.PHARM.,
ASSOCIATE PROFESSOR, JKKMMRF'S ANNAI JKK
SAMPOORANIAMMAL
COLLEGE OF PHARMACY, KOMARAPALAYAM.**

VENUE: SEMINAR HALL

DATE ;09/11/2020 to 10/11/2020




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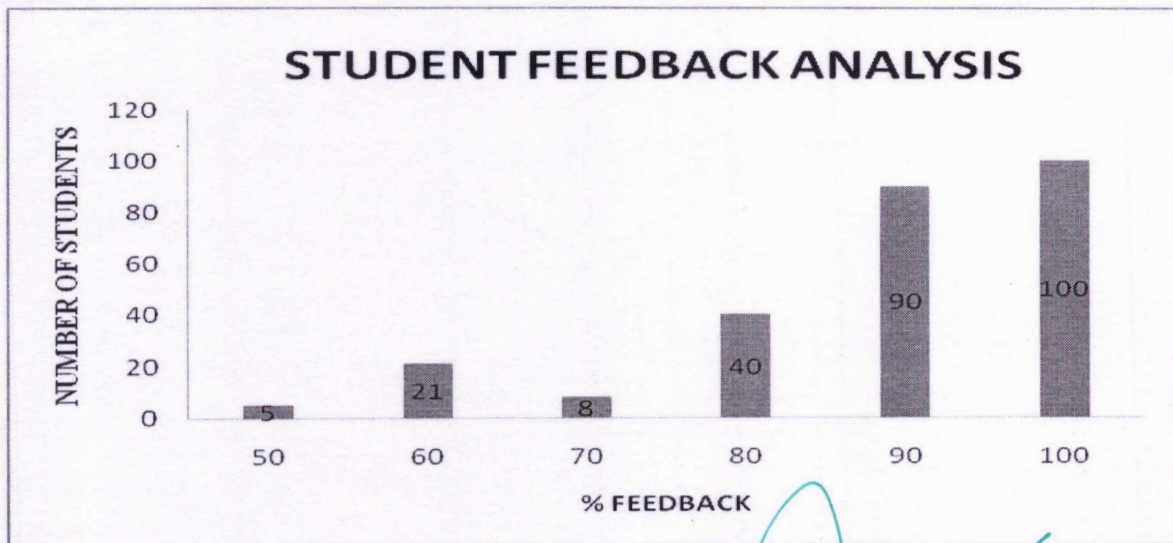
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REPORT SUMMARY

Feedback Question Analysis – Question Asked-Feedback Rating

1.Satisfaction	6.Like to learn more about this topic
2.Clarity	7.Rate the content of the slides/virtual aid
3. Percentage of the information was new	8.Accuracy of the sessions
4.Informative	9.Session expectations
5.Technical issues	10.Rate the content of the seminar



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DEPARTMENT OF PHARMACOLOGY

SEMINAR FEEDBACK FORM

STUDENT NAME:

DATE:09/11/2020-10/11/2020

YEAR/ COURSE :

NAME OF THE WORKSHOP:

COURSE CODE:

DURATION:

EVALUATE HONESTLY:

Questions	Excellent	Good	Fair	Poor
The objectives of the training were				
The instructor's contribution to the course was:				
The presentation materials were relevant				
The instructor's effectiveness in teaching the subject matter was:				
Answers to the students questions by the instructor				
The venue was appropriate for the event				
Course organisation was:				
Level of course was				
Course content was:				

Student Participation

1. On average, how many hours a week did you spend on this course (in and out of class)?
A)0-2 B) 2-5 C)6-10 D)11-14 E)15UP
2. What grade do you expect in this course?
A)BELOW 50% B) 50-60% C) 60-70% D) 70-80% E) ABOVE 80%




Dr. N. SENTHILKUMAR,
PRINCIPAL,

SIGNATURE

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STUDENT FEEDBACK FORM

NAME OF STUDENT:
COURSE:
SEMINAR TOPIC:

REGISTRATION NO:
YEAR & SEMESTER:
DATE & TIME:

1. Overall, how satisfied were you with this seminar?
 - Very satisfied
 - Satisfied
 - Neutral
 - Dissatisfied
 - Very dissatisfied
2. How clear were the ideas and concepts we presented?
 - Extremely clear
 - Very clear
 - Moderately clear
 - Not very clear
 - Not at all clear
3. What percentage of the information was new to you?
 - 100%
 - 75%
 - 50%
 - 25%
 - 0%
4. How informative did you find our seminar?
 - Extremely Informative
 - Very Informative
 - Moderately Informative
 - Not very informative
 - Not informative at all




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NAMAKKAL DISTRICT, TAMILNADU.

5. Were there any technical issues that prevented you from seeing or hearing the seminar?

Yes

No

6. Would you like to learn more about this topic?

Yes

No

7. Rate the content of the slides/virtual aid?

Extremely clear

Very clear

Moderately clear

Not very clear

Not at all clear

8. How accurate was the session description?

Extremely clear

Very clear

Moderately clear

Not very clear

Not at all clear

9. How did the session compare to your expectations?

Excellent

Good

Fair

Poor

Not at all clear

10. How Would you rate the content of the seminar?

1

2

3

4

5

Student Name With Signature

Dr. N. SENTHILKUMAR,
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STUDENTS FEEDBACK ANALYSIS

DATE: 09/11/2020-10/11/2020

S.NO	QUESTION DESCRIPTION	ANSWERS	MARKS	TOTAL MARKS
1	Satisfaction	Very satisfied	5	5
		Satisfied	3	
		Neutral	2	
		Dissatisfied	1	
		Very dissatisfied	0	
2	Clarity	Extremely clear	5	5
		Very clear	4	
		Moderately clear	2	
		Not very clear	1	
		Not at all clear	0	
3	Percentage of the information was new	100%	5	5
		75%	4	
		50%	3	
		25%	2	
		0%	1	
4	Informative	Extremely Informative	5	5
		Very Informative	3	
		Moderately Informative	2	
		Not very informative	1	
		Not informative at all	0	
5	Technical issues	Yes	5	5
		No	0	
6	Like to learn more about this topic	Yes	5	5
		No	0	




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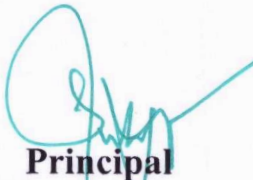
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7	Rate the content of the slides/virtual aid	Extremely clear	5	5
		Very clear	3	
		Moderately clear	2	
		Not very clear	1	
		Not at all clear	0	
8	Accuracy of the sessions	Extremely clear	5	5
		Very clear	3	
		Moderately clear	2	
		Not very clear	1	
		Not at all clear	0	
9	Session expectations	Excellent	5	5
		Good	3	
		Fair	2	
		Poor	1	
		Not at all clear	0	
10	Rate the content of the seminar	1	1	5
		2	2	
		3	3	
		4	4	
		5	5	

Total marks = 50

Head Of the Department




Principal

Dr. N. SENTHILKUMAR,
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LIST OF PARTICIPANTS

1	CHANDEESH S	SEM-I
2	DEVANDHIRAN K	SEM-I
3	DHANASEKAR U	SEM-I
4	DHANUSH S	SEM-I
5	DHAYANANTHAN V *	SEM-I
6	DINESH K *	SEM-I
7	DINESH M *	SEM-I
8	DINESHKUMAR P	SEM-I
9	DIVYA P	SEM-I
10	GOKUL RAJ M	SEM-I
11	GOKULAKANNAN P	SEM-I
12	GOWRI G	SEM-I
13	GOWTHAM J *	SEM-I
14	GOWTHAMAN K *	SEM-I
15	HARIHARAN K	SEM-I
16	HARISHRAGUL G	SEM-I
17	HARITHRA P S	SEM-I
18	HARIVARMAN P *	SEM-I
19	HEMANATH N	SEM-I

Dr. N. SENTHILKUMAR,
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college of Pharmacy, Komarapalayam



Department of Pharmacology
Workshop



Certificate of Participant

Has appreciated for his / her participation in the Work Shop on
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Pharmacology from 09.11.2020
to 10.11.2020.

convenor



Organizing
secretary



Dr. N. SENTHILKUMAR,
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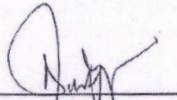
Department of Pharmacology
Workshop



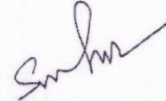
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CHANDREESH . S

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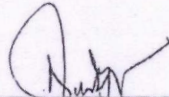
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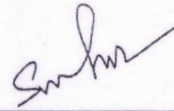
GOWDHAMAN. K

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