
Course Outcomes (COs)

Program: pharm D

Batch: 5th year



Nirmala College of Pharmacy, Muvattupuzha

Muvattupuzha P.O Ernakulam District Kerala, India, Pin:686661

Email : info@nirmalacp.org, Phone : 04852836888

Course Outcome

Institute	Nirmala College of Pharmacy, Muvattupuzha
Course	Pharm D
Batch	2018-2024
Semester	5
Subject	Clinical Research

SI.No	CO Code	Course Outcome	Description	Bloom Level	Created_by
1	PD 5.1 T.1	At the end of this topic the student should be able to describe the concept of new drug development process		Understand	Jobin Kunjumon Vilapurathu
2	PD 5.1 T.2	At the end of this topic the students should be able to describe the various phases of clinical trials, Recognize the regulatory and ethical requirements in clinical trials, Recognize the roles and responsibilities of clinical trial study team & to Discuss various procedures and activities involved in the conduct of clinical trials		Apply	Jobin Kunjumon Vilapurathu

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Course Outcome

Institute	Nirmala College of Pharmacy, Muvattupuzha
Course	Pharm D
Batch	2018-2024
Semester	5
Subject	Pharmacoepidemiology and Pharmacoeconomics

Sl.No	CO Code	Course Outcome	Description	Bloom Level	Created_by
1	CO1	Understand the need of pharmacoepidemiological studies and its application		Understand	Suja Abraham
2	CO2	Describe the outcome measures and the concepts of risks in pharmacoepidemiology		Understand	Suja Abraham
3	CO3	Evaluate the methodology of different pharmacoepidemiological studies		Evaluate	Suja Abraham
4	CO4	Compare and interpret pharmacoeconomic studies using case studies		Evaluate	Suja Abraham
5	CO5	Demonstrate the application of pharmacoeconomics using softwares		Create	Suja Abraham

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Course Outcome

Institute	Nirmala College of Pharmacy, Muvattupuzha
Course	Pharm D
Batch	2018-2024
Semester	5
Subject	Clinical Pharmacokinetics & Pharmacotherapeutic Drug Monitoring

Sl.No	CO Code	Course Outcome	Description	Bloom Level	Created_by
1	PD 5.1	Formulate and design a dosage regimen for individual patients		Create	Dona Maria Jetto
2	PD5.2	Interpret and correlate the plasma drug concentration with patient's therapeutic outcomes		Evaluate	Dona Maria Jetto
3	PD 5.3	Recommend dosage adjustment in renal and hepatic disease		Apply	Dona Maria Jetto
4	PD5.4	Recommend dosage adjustment for paediatrics, geriatrics and obese patients		Create	Dona Maria Jetto
5	PD5.5	Analyze and resolve pharmacokinetic drug interactions		Analyze	Dona Maria Jetto

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