

ANNAMALAI UNIVERSITY
RAJAH MUTHIAH MEDICAL COLLEGE AND HOSPITAL
PROFORMA

**(For submitting dissertation of MD(Pharmacology) Degree students of
session 2020-2023)**

NAME OF THE CANDIDATE	: DR.G.AARTHIPRIYANKA
NAME OF THE COURSE STUDYING	: MD., (Pharmacology)
YEAR OF ADMISSION	: AUGUST 2020
MONTH & YEAR OF APPEARING FOR FINAL EXAMINATION	: APRIL 2023
MONTH AND YEAR OF SUBMITTING DISSERTATION	: OCTOBER 2022
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NAME OF THE CO-GUIDE	: DR.B.GOVINDARAJAN MD.,D.M., Department of Cardiology.
TITLE OF THE SUBJECT	: Prospective observational study on drug utilization pattern in coronary artery disease patients
INTRODUCTION, AIMS AND OBJECTIVES	: Annexure- I
MATERIALS , METHODS	: Annexure -II
IS THE STUDY INTRA-DEPARTMENTAL (OR)INTER- DEPARTMENTAL	: Inter- Departmental
IS A STATISTICAL ANALYSIS REQUIRED	: YES
IF THE STUDY IS ON HUMAN SUBJECTS, ARE ETHICAL CONSIDERATION INVOLVED	: YES
SIGNATURE OF GUIDE	SIGNATURE OF THE CANDIDATE
SIGNATURE OF THE CO-GUIDE	SIGNATURE OF THE HOD

ANNEXURE – I

(Introduction, Aim and Objectives)

INTRODUCTION

According to Global burden of Disease study in 2017, this study states that 792 million people lived with mental health disorder. This is slightly more than one in ten people globally (10.7%)

Among various psychiatric disorder, according to WHO, Major Depression would be the second most leading cause of disability in the world by 2020. Since Selective Serotonin Reuptake Inhibitors (SSRI's) being most commonly prescribed drug for depression and other various psychiatric illness such as Obsessive compulsive disorder, Anxiety disorder, thus a prospective observational study of drug utilization pattern of SSRI's in various psychiatric illness and their pharmacovigilance is being done.

Drug Utilization study is defined as the study of marketing, distribution, prescription and use of drugs in a society highlighting its influence on medical, social and economic status.

AIM:

Prospective observational study of drug utilization pattern in coronary artery disease patients.

OBJECTIVES:

1. To evaluate the drug utilization of coronary artery disease (CAD) patients.
2. To assess the rationality of the treatment given to the patients.
3. To assess the adherence of prescription to WHO core prescribing indicators.

INCLUSION CRITERIA:

1. Patients with the established diagnosis of CAD, attending outpatient department or admitted in the ward or Intensive Care Unit of Cardiology unit, RMMCH.
2. >18 years of age, of either gender
3. Patients with/without co morbidities, such as Diabetes Mellitus, Bronchial Asthma, Hypertension, Rheumatoid Arthritis or any other disease.
4. Patients willing to give written informed consent.

EXCLUSION CRITERIA:

1. Patients who are not willing to participate in the study.
2. Patients who are in critical condition.
3. Patients who are diagnosed with other cardiac diseases.

ANNEXURE-II

(MATERIAL AND METHODOLOGY)

Study design	: Prospective Observational study
Study population	: Patients attending Cardiology unit
Study area	: Cardiology unit in RMMCH
Study period	: One year
Study tool	: Coronary artery disease
Sample size	: 100 patients

All patients attending Cardiology unit with their prescription having diagnosis as coronary artery disease will be taken for observational study. These patients will be thoroughly examined and assessed about the duration of disease, treatment, relapse and compliance.

Written consent form for participating in the study

I have read the forgoing information are it has been read to me and fully understood the details. I have had the opportunity to ask questions about it and any question that I have asked have been answered to my satisfaction. I consent voluntarily to participate as a participant in this research. I am also fully aware of my right to withdraw myself from the study and incase should I stop participating, that I will be given treatment for the disease or will be referred for appropriate treatment.

Given this day In the month of In the year

Signature of participant _____

Name of Participant _____

Signature of the witness 1

Address

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Signature of the witness 2

Address

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Name of the informant

Signature of the informant