

Rashid Latif Medical College, Lahore



**Rashid Latif
Medical College**



**RASHID LATIF
RESEARCH CELL**

Registration No: IRB _____

Received By: _____ Date: _____

RESEARCH PROPOSAL BASIC SCIENCES PROFORMA

Title:

Researcher Name:

Supervisor

Signatures and Stamp

HOD

Signatures and Stamp

Ph. No. : _____ Email ID: _____

Submit your Research proposals 3 hard copies as well as at irbrlmc@rlmc.edu.pk

Rashid Latif Medical College, Lahore

Instructions to the researcher:

(Please submit synopsis as per following format)

TITLE:(Start from New Page)

(The title should reflect the study problem & aims, objectives of the study.)

INTRODUCTION: (New Page)

Introduction is a brief statement of study problem based on review of current knowledge. It should define and state the extent of problem at both international and national level.

It should state clearly the importance and justification of study. The last paragraph should describe the purpose of study and Its relevance to topic and how results will contribute to body of knowledge. It should not be more than 500 words.

OBJECTIVES:(New Page)

(Objectives are statements of mentions. They inform the reader clearly what the researcher plans to do in his/her work. They must identify the variables involved in research.

Objective should start with an action verb and be sufficiently specific, measurable, achievable, relevant and time bound (SMART).)

OPERATIONAL DEFINITION:(New Page) (It should define the variables of interest in study and explain the tools of measurement).

HYPOTHESIS:(New Page)

It expresses the expected relation between 2 variables. A hypothesis is needed in all analytical and interventional studies

MATERIAL AND METHODS: (New Page)

STUDY DESIGN: It should mention study population and relevant study design.

SETTING: Name and place, i.e., institution/ community where the research would be carried out.

DURATION OF STUDY: How long will the study take with dates.

SAMPLE SIZE: How many study subjects will be enrolled. If there are groups, how many per group?

SAMPLING TECHNIQUE: mention relevant sampling technique as per study requirement.

SAMPLE SELECTION:

Inclusion Criteria: On what basis study subjects would be enrolled.

Exclusion Criteria: On what basis will patients be excluded from the study.

DATA COLLECTION PROCEDURE: A detailed account of how the researcher will perform research; how he/she will measure the variable.

It includes: Identification of the study variables. Methods for data collection. Data Collection Tools (Proforma /Questionnaire).

DATA ANALYSIS PRODECURE: Relevant details how data will be analyzed, name software. State relevant descriptive and inferential statistics and test of significance if and when required, specifying variables where it will be applied.

OUTCOME & UTILIZATION:(New Page)

(Describe in which way the expected results of your study can be useful in designing and delivery of health care system:)

SCHEDULE/PHASING: New Page)

(In order to achieve the desired objectives of the study, divide your work plan into different phases in a tabular form.)

REFERENCES: New Page)

There are two reference styles in use in scientific research. Vancouver style is commonly used but as per instructions of supervisor and discipline citation is done as per American Psychological Association (APA) style. The examples are given as follows:

1.In Vancouver style in Text & Reference Section;

In text a number (1,2,3...) is allocated to a source order in which it is cited and written in superscripts.

In reference section the source is written in sequential order as they appear in text.

Examples:

JOURNAL

Khan E, Siddiqui J, Shakoor S, Mehraj V, Jamil B, Hassan R. Dengue outbreak in Karachi, Pakistan, 2006: experience at a tertiary care centre. Trans R Soc Trop Med Hyg. 2007;101(11):1114-9.

BOOK

Murray PR, Rosenthal KS, Kobayashi GS, Pfaller MA. Medical microbiology. 4th ed. St. Louis: Mosby;2002.

American Psychological Association (APA): The American Psychological Association (APA) style is widely accepted in the social sciences and other fields business studies.

The APA citation format requires parenthetical citations within the text. Citations in the text provide brief information, usually the name of the author and the year of publication, to lead the reader to the source of information in the reference list at the end of the paper.

Direct Quotation with Parenthetical Citation

Darwin used the metaphor of the tree of life "to express the other form of interconnectedness—genealogical rather than ecological" (Gould & Brown, 1991, p. 14).

In reference Section you arrange references alphabetically.

Coltheart, M., Curtis, B., Atkins, P., & Haller, M. (1993). Models of reading aloud: Dual-route and parallel-distributed processing approaches. *Psychological Review*, 100, 589-608.

Note: For further information consult your supervisor.

DATA COLLECTION INSTRUMENT: (Usually attached as Annexure)

(The researcher must attach, as an annex, the proforma or questionnaire with the help of which he/she intends to collect data. The proforma/questionnaire must match the objectives and must not contain irrelevant sections like inclusion and exclusion criteria etc. Add sample scheduled visit proforma.)

Sanctity of data - Affidavit

I, Mr/Ms _____ S/o, D/o _____
Student of _____
working in _____
Under Supervision of: _____

Hereby undertake to abide by the following rules

1. That the data collected during my attachment at RLMC, RLKU, Lahore for which authorization is being granted by the “Institutional Review Board/ Research Committee” for which I have submitted my synopsis titled _____ shall be used exclusively for the purpose of “not for profit” research and will not use for any other purpose what so ever. Any financial gain or patent originating from this research shall be equally shared with RLMC, RLKU, Lahore.
2. The data collected shall be strictly limited to the parameters defined in my synopsis titled _____
3. That the identity of study subjects shall not be revealed.
4. That prior approval for research project (synopsis) has been obtained from the “institutional Review Board/ Research Committee”.
5. That appropriate recognition of institute/ institutes and acknowledgement shall be given to RLMC, RLKU, Lahore in the publication of the paper/papers or any other medium of communication. If it utilizes the data/ graphs/tables/pictures collected from the aforementioned research, furthermore, in any subsequent publication or any other medium of communication and if it utilizes the above-mentioned data/graphs/tables/pictures with proper acknowledgement (as mentioned below). Prior intimation and authorization by “Ethical Review/ Research Committee” should be attached.
6. The aforementioned acknowledgement/recognition shall be mutually decided between the principal investigator (myself) and the in charge of the unit concerned at RLMC, RLKU, Lahore, as per rules framed under intimation to the “Ethical Review/ Research Committee”.

I have read all the clauses of the above written agreement and hereby agree to be legally bound to this agreement in letter and spirit. I also understand that if I am in breach of this contract; I shall lose the right to the data/publication/graphs/tables collected/published (stored in any form physical/electronic) thereof. In addition, RLMC, RLKU, Lahore will reserve the right to initiate proceedings against me at any/all for a deemed appropriate. Research Supervisor (as shown below) shall stand witness and guarantor of this agreement and would be equally liable in case of breach of agreement.

Signature (Principal Investigator)
College I.D. _____

Signature of Supervisor
College I.D. _____

Name: _____ Signature: _____