

Planning a Thesis

For

Undergraduate Medical Student

Mr.M.A.Kubtan.MD-FRCS

Lecture 14

Thesis Definition

Is a document submitted in support of final year medical student for an academic degree (Medical Doctor) synchronized with passing required examination's in Medical Faculty and The National Syrian Exam.

Choosing Your Thesis Topic

Picking the topic of your Thesis may be the biggest challenge to you
If you choose the wrong topic you may loose your chances to acquire a good marking

Criteria for selecting a topic

- Will this topic appeal to your interest.
- Is this topic something you can speak about and meet your enthusiasm and insight.
- Will you be able to detect the positive and negative you notices in your years in the medical school.
- With this topic are you able to collaborate with your adviser supervising you in this project.



Choosing The Topic

Step 1

- ▶ Has it been done earlier in our University? In the past 5 years.
- ▶ To firmly discover and confirm the preference for a Thesis subject may require a long time. It depend on the student wishes .
- ▶ But it is advisable to respect the wisdom of guides/mentor.

Step 2

- ▶ Research hypothesis:
- ▶ Is an intelligent guess based on observations.
- ▶ It predicts the likely answer to the research question.

Choosing The Topic

Step 3

Feasibility

- Patients
- Laboratory tests
- Equipment
- Time

Step 4

What to avoid!

- Rare diseases
- Complex / invasive / expensive investigations
- Drug trials
- Long duration of follow up

Thesis is not just writing But more

Where do research questions come from?

- Clinical observations.
- Supervisors .
- Review of literature.
- You should read thoroughly some previous Thesis to get adapted with planning of writing.
- It is not only gathering of information.
- It is a taxing of your way of thinking and implementing your knowledge and finding in a proper manner.
- You will save your self of being left with limited time to complete the necessities of your Thesis competently.

Choosing your Mentor

- Each Thesis require a supervisor called Mentor.
- You should have a faith and likes with the Mentor you chose.
- Your attitude towards your Mentor and behaviors should be within respect obedience and faithfulness.
- Your Mentor usually highly experienced in supervising Thesis planning.

Ask the following questions when narrowing your topic

- What do others most likely know about this topic.
- What elements are most important to this topic.
- How much you can competently fulfill the requirements to complete this project and present it in the given time.

Plan the matters before implementing

Planning the Project

1. Choosing the study them.
2. What research method.
3. Brain storming and making a plan.
4. Introduction context.
5. Introduction aim.
6. Description and function.
7. Results.
8. Analysis and statistics.
9. Discussion.
10. Conclusion.
11. Summary and advises.
12. References.

Basic understanding of the topic you have chosen is your strength

It is recommended to seek especially for words defining the type of reasoning you want to use:

1. Why.
2. How.
3. Compare.
4. Analyze.
5. Assess.
6. Argue.

Make sure you appreciate the meaning of all terms.

Choosing the Topic?

- Firmly discover and confirm the preference for the Thesis subject may require a long time.
- You have to respect the wisdom of guide mentor.

Narrow the topic of choice

- Explore the majority of potential thesis topics and choose among them the best one.
- Calm down and begin thinking of potential thesis topics.
- Narrow down your list of potential topics as much as possible.

Never Underestimate the Power of Statistics

Statistician improve

- ▶ The quality of data .
- ▶ The design of experiments.
- ▶ Provides tools for prediction and forecasting.
- ▶ Look for Statistical consultant to provide help in formalizing Thesis.

Structure

A typical Thesis has:

1. Title page.
2. Aims and Objectives.
3. Abstract.
4. Definition.
5. Introduction.
6. Review of literature .
7. Material & method.
8. Finding.
9. Discussion
10. Conclusion
11. Acknowledgments of useful results and obstacle's.
12. Appreciation and admiration.
13. References.

Design

عنوان الرسالة **Bold 36**

رسالة جامعية أعدت لنيل شهادة دكتور MD في الطب البشري

24 Bold

اسم الطالب

28 Bold

اسم رئيس القسم

28 Bold

اسم المشرف

28 Bold

العام الدراسي 2018-2019

Format of the Protocol

- A4 size paper
- Margins : At least 2.00 cm on both sides and 4.00 cm from top and bottom.
- Font size : 16 & 14 Bold for heading and 12 for lines in Times New Roman, 10 for Fig's & Diagrams.
- Line spacing : Space (1.5 cm)
- Primarily three copies to be submitted to the Evaluation Committee

Introduction to the Study

- Background.
- Statement of the problem.
- Purpose of the study.
- Theoretical basis and organization.
- Limitation of the study.
- Definition of terms.

- ▶ New Page for each section
- ▶ Only one side of sheet
- ▶ Do not divide words at end of lines
- ▶ All pages to be numbered (beginning with the title page)

Title page

- The title page should include the title of the proposed thesis.
- The scientific degree for which the thesis is prepared.
- The official name of the candidate in full.
- The official name of the mentor (Supervisor).
- The Official Name of the head of the department.
- Annual year .

The details

- ▶ The title of the research proposal (Protocol) should convey the main purpose (research Question) of the research. The Title is usually the first part of the protocol to be read and therefore should convey maximum information in fewer words (not more than 12-15 words) than any other part of the protocol. In other words, it should indicate the area of research, introduce the research question and specify the research method to be used. (Titles should not include any kind of abbreviations.)

Supervisor's page

- ▶ The Title , full name of the supervisor and his/her academic degree should be written, Ideally, the role of supervisor should be stated,
- ▶ Lastly the name of Head of Department with degrees.

DECLARATION FROM THE CANDIDATE

I -----hereby declare that no similar study has been conducted in the last five years in the Faculty of Medicine, Syrian Private University on the following subject (Title pf the Thesis)“ and all the work will be done by myself under the guidance of my supervisor and all that data will be genuine.

Signature

Thank you – Best of Luck