

Guidelines for submission of proposal

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Objectives

This session will prepare the students
to submit the proposal of their
research project

Title page

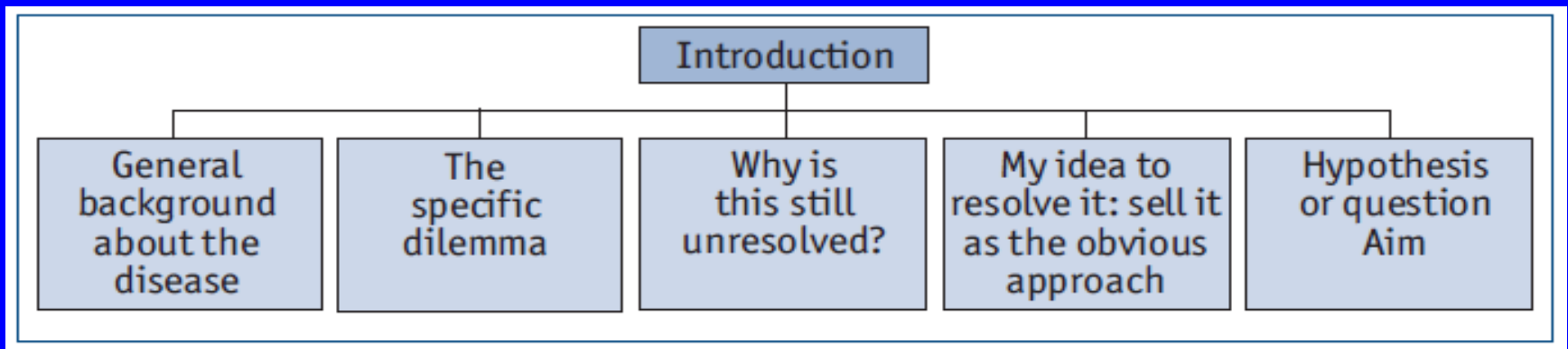
- Title of Proposal
 - Can modify it from the original submitted title
 - Should identify:
 - What (you are doing)
 - Who (you are targeting - subjects)
 - Where (setting of the study)
 - When (if applicable – period from ... to ...)
- Signatures of the PI and co-investigators
- Signature of the chairman of the department

Background

9. Background: 1-2 page limit

Make sure that:

- You use double line spacing
- Avoid short bulleted type of paragraphs, also avoid too long paragraphs – should have three to four paragraphs



Aims and objectives

10.1 Aim of the Study: General statement

Should be written as a general statement mentioning the subjects and setting of the study
Can add a statement for the expected outcome of the study

10.2 Specific Objectives: State 2 to 4 objectives

Use measurable verbs – be specific
Must be related to the Aim of the study

10.3 Secondary Objectives: Optional

May include any objectives which are not directly related to the main aim of the study

Methodology

Should describe in detail the ‘Where’, ‘Who’, ‘How’ the research will be conducted.

11.1 Study Area/Setting:

Three to four sentences to describe the specific study setting relevant to your study topic

11.2 Study Subjects:

Brief background of the subjects as relevant to the study topic
e.g. total number – relevant demographics

Inclusion criteria (+ exclusion criteria if required)

–make sure that the exclusion criteria are a subset from the inclusion criteria and not opposite to the inclusion criteria

Methodology – contd.

11.3 Study Design:

Make sure that the study design is appropriate for the stated objectives of the study

Remember '*Chart Review*' is NOT a study design

11.4 Sample Size:

Mention the specific criteria – be reasonable in selecting the sample size – do not try for a very large number (>200)

Mention the expected number of patients per year if you are doing a chart review-can be difficult but the aim for you to learn

11.5 Sampling Technique:

Mention the specific sampling technique from probability or non-probability sampling or mention that all the study population will be selected

Methodology – contd.

11.6 Data Collection Methods, Instruments Used, Measurements:

Should describe the data collection process in detail – related to the How – Where – Who of data collection

State the main variables to be studied + identify the grouping and outcome variables

Make sure to attach the final ‘Data collection form / Questionnaire’ in the appendix of the proposal

Methodology – contd.

11.7 Data Management and Analysis Plan:

- State the software package to be used
- Mention how the data will be grouped and converted into a database
- Mention how the Descriptive statistics will be presented
- Identify the statistical tests to be used for the inferential statistics + any specific epidemiological measures of association as relevant
- Specify the significance level (p-value) and the relevant confidence interval (if applicable)

References

12. Bibliographic References:

Make sure that:

- Include local references (KSA or Middle East)
- Most of the references should be recent (last five years)
- Avoid too many references from textbooks
- Always give the URL / website for electronic references
- Follow the guidelines and suggestions for the referencing techniques explained in the previous lectures

References / Ethics

12. Bibliographic References:

- Make sure that the references are edited according to the required Vancouver (or APA) style of referencing

13. Ethical Considerations:

- Mention the relevant ethical considerations including storing and accessing the data
- Attach the 'Informed consent form' if required

Proposal has to be submitted

Thank you