



REVIEW OF LITERATURE

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Content overview

Review of literature

- Importance
- Purposes
- Types

Introduction -Review of Literature

- Key step in research process.
- It is an account of what is already known about a particular phenomenon.
- The main purpose of ROL is to convey to the readers about the work already done and the knowledge and ideas that have been already established on a particular topic of research.

Review of Literature

Definition

- Literature review is a body of text that aims to review the critical points of knowledge on a particular topic of research (ANA,2000)
- A literature review is an account of what has been already established or published on a particular research by accredited scholars and researchers (University Of Toronto,2001)

Review of Literature

- A literature review is an objective ,thorough summary and critical analysis of the relevant available research and non research literature on the topic being studied

(Hart,1998)

- Review of literature is a systematic and critical review of the most important scholarly literature on a particular topic.

-scholarly literature can refer to published and unpublished data based literature as well as conceptual(theoretical literature)

Review of Literature

- Data based literature-comprise reports of research studies
eg. published quantitative and qualitative studies, unpublished masters and doctoral dissertations
- Conceptual(theoretical literature)-reports of theories
eg. published documents ,chapters in books, conceptual frameworks/models, literature reviews of a concept

Importance of review of literature

- Identification of a research problem and development or refinement of research questions
- Generation of useful research questions or projects for the discipline
- Orientation of what is known or not known about an idea of enquiry
- Determination of any gaps or inconsistencies in a body of knowledge

Importance of review of literature

- Discovery of unanswered questions about subjects ,concepts or problems
- Determination of a need to replicate the study
- Identification of relevant theoretical or conceptual framework for research problems
- Identification or development of new or refined clinical interventions
- Description of the strength and weakness of designs /methods of enquiry and instruments used

Importance of review of literature

- Development of hypothesis tested
- Helps in planning the methodology of present research study
- Helps in development of research instruments
- Identification of suitable design and data collection methods for a research study
- Assistance in interpreting study findings and in developing implications and recommendations

Purpose of review of literature

- Overall purpose-to develop a strong knowledge base for the conduct of research and other scholarly educational and clinical practice activities

Research purposes of literature review:

- 1.Determines what is known about a subject, concept or problem
- 2.Determines gaps, consistencies & inconsistencies about a subject,
concept or problem
- 3.Discovers unanswered questions about a subject, concept or problem

Purpose of review of literature

4. Discovers conceptual traditions used to examine problems
5. Uncovers a new practice intervention, or gains support for changing a practice intervention
6. Promotes development of protocols & policies related to nursing practice
7. Generates useful research questions or projects/activities for the discipline

Purpose of review of literature

8. Determines an appropriate research design/method

(instruments, data collection and analysis methods) for answering the research question

9. Determine the need for replication of a well designed study or refinement of a study

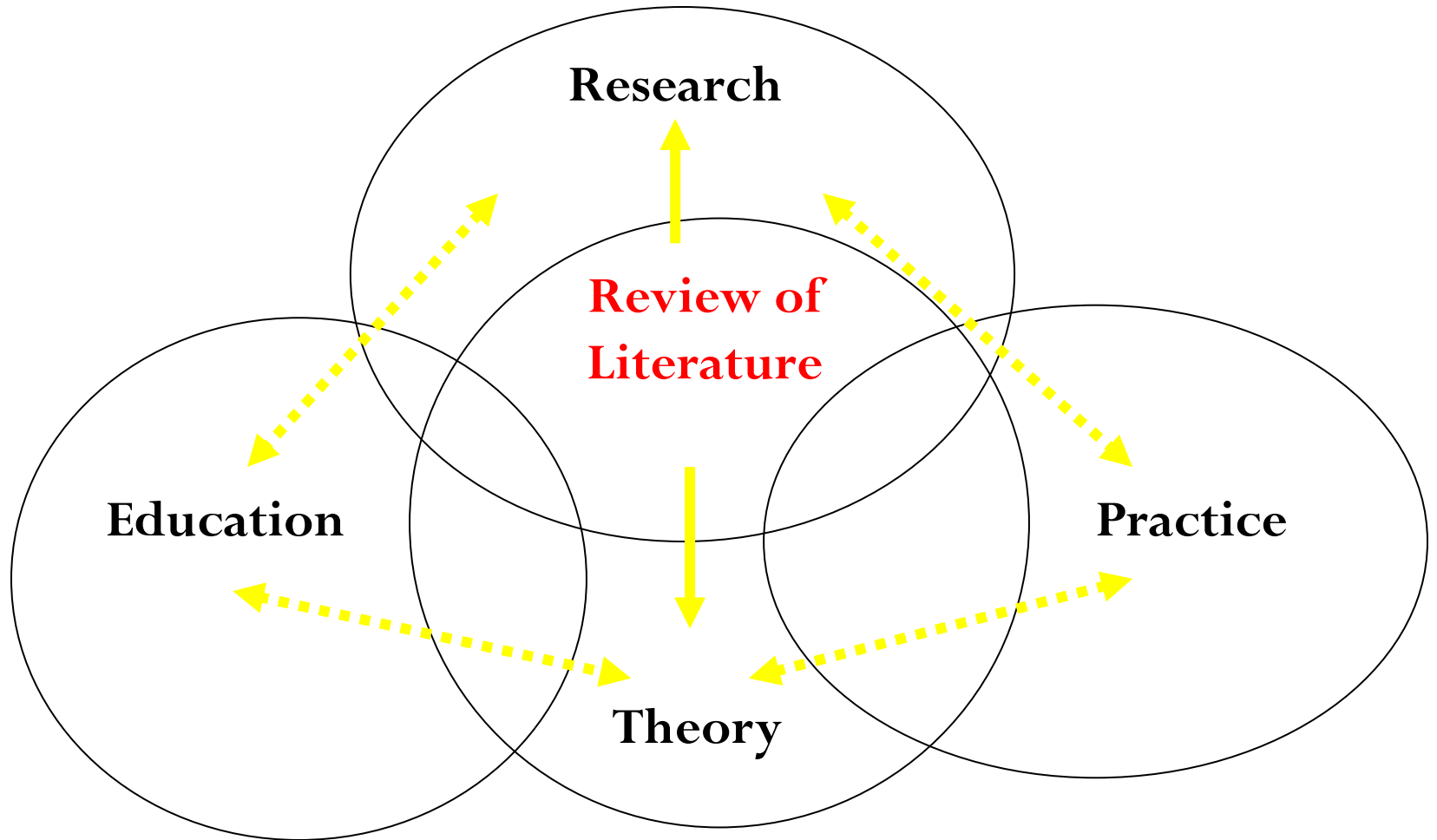
10. Describes strengths & weaknesses of designs, methods of inquiry and instruments used in earlier works

Purpose of review of literature

Non research purposes

1. As an assignment for an academic course
2. To update current personal knowledge and practice on a topic
3. To evaluate current practices
4. To develop and update guidelines for practice
5. To develop work related policies

Relationship of review of literature to theory, research, education and practice



Purpose of literature review in Quantitative research

- **Identifying a problem**

Gaining an understanding about the importance of study area, major concepts of interest.

- **Establishing significance of the study**

Determine whether it is truly valuable for nursing research/rationale for the study

Purpose of literature review in Quantitative research

- **Problem statement and hypotheses**

The literature review helps to determine what is known and not known; to uncover gaps, consistencies, or inconsistencies, and/or to reveal unanswered questions about a subject, concept or problem

- **Theoretical framework**

The literature defines concepts and terms in relation to the study

Purpose of literature review in Quantitative research

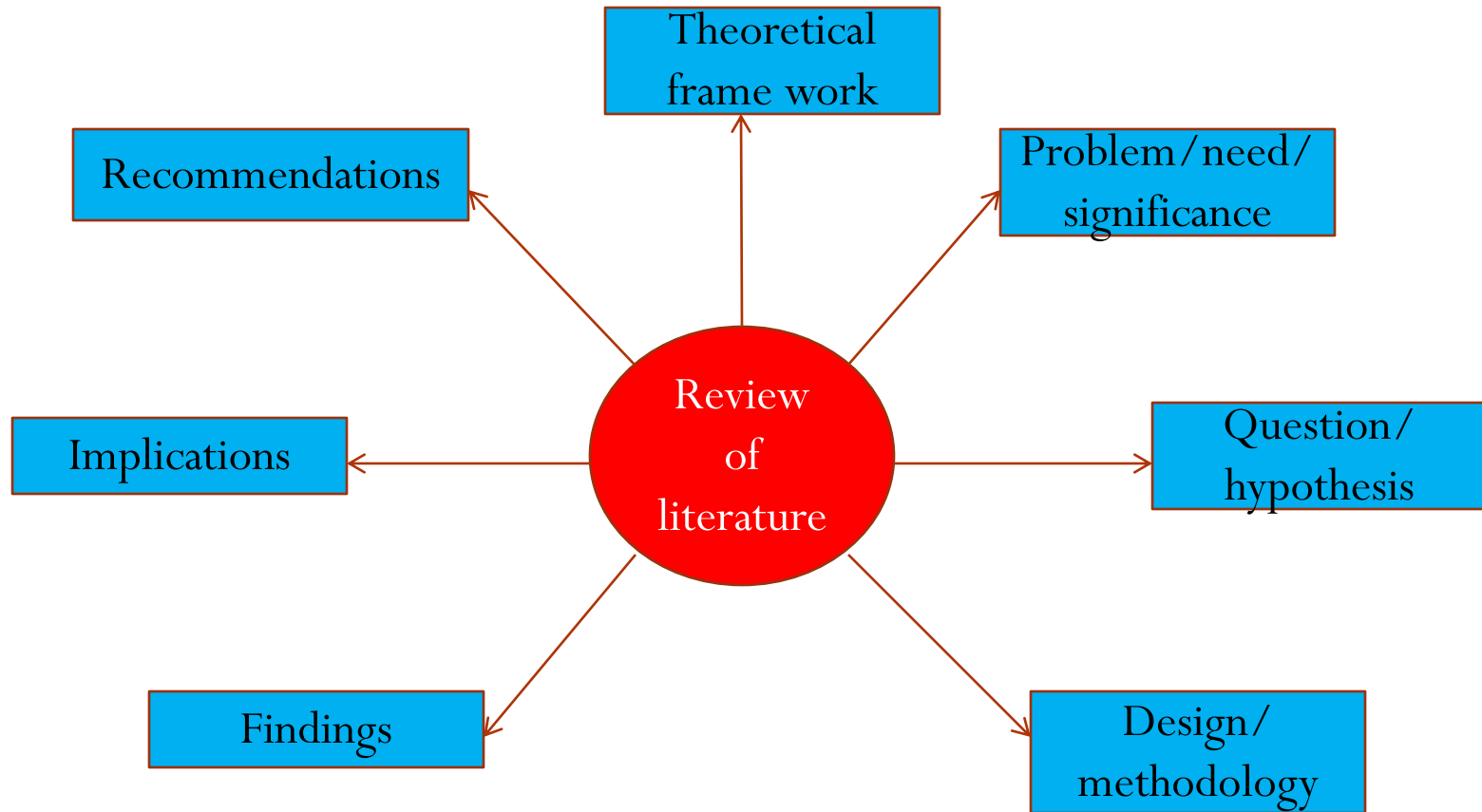
- **Design and method**

The literature review reveals strengths and weaknesses of designs and methods of previous research studies

- **Outcome of the analysis (findings, implications, and recommendations)**

The literature review is used to discuss the results or findings of a study. The discussion relates the study's findings to what was or was not found in the review of literature

Relationship of review to steps of quantitative research process



Purpose of literature review in Qualitative research

Purpose vary according to type of study

- Phenomenological research-compare and combine findings from study with the literature to determine current knowledge of a phenomenon
- Grounded theory research-explain ,support and extend the theory generated in the study
- Ethnographic research-provide a background for conducting the study, as in quantitative research
- Historical research- develop research question and provide a source of data in the study

Purpose of literature review in quantitative and qualitative research

| Quantitative Research | Qualitative Research |
|---|---|
| <p>Is conducted to direct the planning and implementation of a study. (major literature review is performed at the beginning of research process)</p> | <p>Use of literature review for a particular approach:</p> <ul style="list-style-type: none"><i>Phenomenological</i> -Compare and combine findings from the study with the lit. to determine current knowledge of a phenomenon. (literature is reviewed after data collection and analysis)<i>Grounded theory</i> -Explain, support and extend the theory generated in the study. (minimal review at beginning)<i>Ethnographic</i> -Provide a background for conducting the study.(review similar to quantitative research)<i>Historical</i> -Develop research question and provide a source of data in the study (requires an extensive review) |

Types of literature review

- Traditional or Narrative review
- Systematic review

Traditional or Narrative review

- Selective review of the literature that broadly covers a specific topic.
- Does not follow strict systematic methods to locate and synthesize articles.

Types of literature review

- This type of review is useful in gathering together a volume of literature in a specific subject area and summarizing and synthesizing it.
- Primary purpose is to provide the reader with a comprehensive background for understanding current knowledge and highlighting significance of new research.

Types of literature review

- It helps to identify gaps or inconsistencies in a body of knowledge

,helping researcher to determine or define research

question/hypotheses

- It is useful for topic selection and topic refinement

Types of literature review

Systematic review

- It uses a more rigorous and well defined approach to reviewing the literature in a specific subject area
- It uses explicit and rigorous criteria to identify , critically evaluate and synthesize all literature on a particular topic

Types of literature review

- Meta analysis-process of taking large body of quantitative findings and conducting statistical analysis in order to integrate those findings and enhance understanding
- Meta synthesis-non statistical technique used to integrate evaluate and interpret findings of multiple qualitative research studies.

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