

Misc. Information

Assessment

- Research Report
- Maximum 2500 words
 - Does not include headings, references, in-text references, table/figure characters
- Two extra sections: Executive Summary and Literature Review

What is an Executive Summary?

- An executive summary allows your reader to be acquainted with a large body of work without reading it all
 - This differs from the actual report in several key ways
- In regards to presentation:
 - Confine to 1 A4 page
 - Summary of the main topic
 - Summary of key findings
 - Present recommendations in dot points

What is a Literature Review?

- An ***evaluative*** report of studies that relates to your study area
- You are aiming to ***synthesise*** current literature by:
 1. DESCRIBE
 2. SUMMARISE
 3. EVALUATE
- This section should convey to your reader what ideas have been established on your chosen topic
 - The papers you review should be guided by your AIM(s)

What should I include in my literature review?

Aim: Design a care model for the local diabetic population to help reduce the average length of stay

➤ Literature being reviewed should NOT be looking at broad topics

- Ensure you are reviewing STUDIES. Your review should include:
 - The study type (e.g. observational, cohort, cross-sectional etc.)
 - Who were the participants/what was the sample?
 - What were the key findings and the implications of those findings?
 - Limitations and/or strengths of their research
- ❖ Present your review either via THEME

Differences between an introduction and literature review

Introduction

- Background/context of the paper
- Definition of the key terms/concepts within the paper
- Outline your key issues
- Present your aims and purpose of the paper

Literature Review

- Comparing/contrasting various authors' perspectives/opinions on topics
- Group researchers who have similar conclusions
- Highlight key research papers as well current gaps in knowledge
- Indicate the connection between your research and previous research

Literature Review

A literature review IS

- A synthesis of a range of sources
- A place to make explicit connections between previous research and your own
- A critical evaluation of sources related to your research topic
- A place to present an argument, a clear articulation of your own position in relation to relevant literature

A literature review IS NOT

- Simply a collection of texts that you think are interesting or every text you have read
- Presented as a list in which you discuss each text in turn
- A descriptive summary of each and every text
- A compilation of all material related to your research field, regardless of its relevance to your project

Example Paragraph – Poor

In the most recent Australian National Health Survey (2014-15), 5.1% of the Australian population (1.2 million people) were reported to have some form of diabetes mellitus (ABS, 2014). The incidence of diabetes mellitus is increasing (up from 3.8% of the population in 2011-12, 3.6 % in 2004-05 and 2.4% in 1995) and represents one of the nine national health priority areas for the Australian government (NHMRC, 2016). The rapid increase in the prevalence of diabetes, driven by the increased prevalence of obesity and an aging population, has led to it being described as an epidemic (Kharroubi & Darwish, 2015). In the Australian population, more males have diabetes than females, at a ratio of approximately 1.2:1 (ABS, 2014).

Formulating a Research Question (RQ)

- The PICO Framework
 - P Patient Problem or Population
 - I Intervention or exposure
 - C Comparison or Control
 - O Outcome
- Type of question
 - Therapy
 - Prevention
 - Diagnosis
 - Prognosis

Formulating a Research Question (RQ)

Question Type	Patient Problem or Population	Intervention or Exposure	Comparison or Control	Outcome Measure
Therapy	In patients with osteoarthritis of the knee	is hydrotherapy more effective than	traditional physiotherapy	in relieving pain?
Prevention	For obese children	does the use of community recreation activities	compared to educational programs on lifestyle changes	reduce the risk of diabetes mellitus?
Diagnosis	For deep vein thrombosis	is D-dimer testing or	ultrasound	more accurate for diagnosis?
Prognosis	In healthy older women that suffer hip fractures	within the year after injury		what is the relative risk of death?

Source: <https://canberra.libguides.com/c.php?g=599346&p=4149722>

Formulating a Research Question (RQ)

The aim of this study is to examine to effect of hydrotherapy in relieving pain for patients who are suffering from osteoarthritis of the knee.

The specific research question is, in patients with osteoarthritis of the knee, is hydrotherapy more effective than traditional physiotherapy in relieving pain as measured by the Visual Analogue Scales (VAS)?

A3