

Epidemiology For Canadian Students Principles Methods And Critical Appraisal

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Explore essential epidemiology principles and methods tailored specifically for Canadian students, offering a comprehensive guide to understanding health data and research. This resource emphasizes the vital skill of critical appraisal in epidemiology, preparing learners to effectively evaluate studies and public health initiatives relevant to the Canadian context.

Our collection supports both foundational studies and cutting-edge discoveries.

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Epidemiology For Canadian Students Principles Methods And Critical Appraisal

1. Introduction to critical appraisal - 1. Introduction to critical appraisal by Cochrane Mental Health 168,934 views 4 years ago 9 minutes, 34 seconds - What are the key concepts of **critical appraisal**,? This is module one of seven **critical appraisal**, training videos. In this first video, we ...
Critical appraisal: modules
Learning outcomes of the series
What is critical appraisal?
Trustworthiness of results
Value and relevance
Concepts
Critical appraisal: next module
4. Cohort studies - 4. Cohort studies by Cochrane Mental Health 59,283 views 4 years ago 18 minutes - Usually bigger, but always better? This is module four of seven **critical appraisal**, training videos. In this fourth video, we introduce ...
Selection bias
Measurement bias
Confounding
Confidence intervals
Epidemiological Studies: A Beginners guide - Epidemiological Studies: A Beginners guide by Let's Learn Public Health 1,479,023 views 6 years ago 9 minutes, 43 seconds - This video gives a simple overview of the most common types of **epidemiological**, studies, their advantages and disadvantages.
Intro
What is a study?
ECOLOGICAL STUDY
CASE SERIES
CROSS SECTIONAL STUDY- prevalence studies
CASE CONTROL STUDY
COHORT STUDY
risk factors
advantages

INTERVENTIONAL STUDY SUMMARIES

How to critically appraise a cohort study? || Cohort Studies Observational Studies || Research Ramp - How to critically appraise a cohort study? || Cohort Studies Observational Studies || Research Ramp by Research Ramp 1,512 views 1 year ago 7 minutes, 37 seconds - The cohort study **critical analysis**, for the reviewers and for writing a good research paper. #criticalappraisal #researchanalyst ...

The Cohort Study

Q1: were both groups free of the disease?

Q2: How similar are the two groups?

Q3: How was the exposure measured?

Q4: Exposure validity & reliability?

Q5: How was the outcome measured?

Q6: Outcome validity & reliability?

Q7: The confounding factors?

Q8: Length of time & outcomes?

Q9: Follow up & loss to follow up?

Q10: Approaches to deal with incomplete follow up?

Q11: Statistical analysis?

How To Critique A Research Paper, Article, Journal (Critical Appraisal) ||Critical analysis || - How To Critique A Research Paper, Article, Journal (Critical Appraisal) ||Critical analysis || by Research World 39,117 views 8 months ago 1 minute, 16 seconds - In **critical analysis**, we systematically evaluate others work's effectiveness. **Critical analysis**, writing means **evaluation**, of author's ...

Critically Evaluating Epidemiological Studies - Critically Evaluating Epidemiological Studies by Erin Bouldin 963 views 3 years ago 35 minutes - Hello there I will be talking about how to **critically**, evaluate **epidemiologic**, studies today so the learning objectives really are just to ...

Critical Appraisal of the Literature - Critical Appraisal of the Literature by Mount Sinai Health System 7,098 views 11 months ago 8 minutes, 28 seconds - A presentation by Dr. Kimberly Souffront, Associate Director of the Mount Sinai Center for Nursing Research and Innovation ...

How Descriptive Is the Title

Evaluating the Abstract

Review of the Abstracts

Evaluation of the Results

Strengths and Limitations

Critical Appraisal of a Qualitative Study - Critical Appraisal of a Qualitative Study by Andrew Booth 201,329 views 10 years ago 12 minutes, 20 seconds - MPH by Elearning Unit 5b How Good is the Evidence? Is it Acceptable? SCHARR, University of Sheffield, UK.

Purpose of the Study

Is a Qualitative Methodology Appropriate

The Research Design Appropriate To Address the Aims of the Research

Was the Recruitment Strategy Appropriate to the Aims of the Research

The Limitations of the Study

Limitations

Was the Data Analysis Sufficiently Rigorous

How Valuable Is the Research

Conclusion

Talk Like an Epidemiologist: Critical Appraisal - Talk Like an Epidemiologist: Critical Appraisal by RACP 2,144 views 5 years ago 30 minutes - Critical appraisal, is an essential skill for public health practice, research, and the AFPHM oral examination. In this webinar we will ...

Intro

Overview

Critical Appraisal Skills Program Checklists

Internal validity

Epi-ish exam questions

What is the reason for this pattern of findings?

Selection bias

Information bias

Confounding

Chance

Systematic review and meta- analysis OR

Systematic review & meta-analysis

RCT

Prospective cohort

Case-control

Cross-sectional

NHMRC evidence for guidelines

Tips

How To Write A Critical Essay | Critique A Research Paper Template - How To Write A Critical Essay | Critique A Research Paper Template by Dr Amina Yonis 6,191 views 2 months ago 12 minutes, 14 seconds - Chapter Timestamps 00:00 Introduction 01:40 Step 1 Title and Abstract 03:40 Step 2 Introduction 04:37 Step 3 **Methodology**, ...

Introduction

Step 1 Title and Abstract

Step 2 Introduction

Step 3 Methodology

Step 4 Results

Step 5 Discussion

Step 6 Conclusion

Step 7 Referencing

Step 8 Overall assessment

How To Critique A Qualitative Research Article (EASIEST HACK) - How To Critique A Qualitative Research Article (EASIEST HACK) by Dr B - Naija Dentist 31,060 views 3 years ago 15 minutes - In this video you will learn how to critique a research article or paper and how to write a critique paper on a research article. This is ...

Intro

How To Critique A Qualitative Research Article

How To Critique

Dr Dan Article Critique Assignment Example - Dr Dan Article Critique Assignment Example by Dr. Dan Kuchinka 132,021 views 7 years ago 9 minutes, 4 seconds - Do you have confidence in the researchers findings ie., were there **critical**, flaws in the study design, questions of confounds that ... Ethics in Research (See links below for our video lectures on Practical Research 1 and 2) - Ethics in Research (See links below for our video lectures on Practical Research 1 and 2) by PHILO-notes 113,600 views 3 years ago 9 minutes, 38 seconds - ***** See also: How to Formulate Research Problem / Problem Formulation in Research Link: <https://youtu.be/xluW6T5nyNQ> How ...

Ethics in Research

Objectivity

Integrity

Respect for Intellectual Property

Responsible Publication

Non-Discrimination

Animal Care

Social Responsibility

How To Critique An Article & Write About It [Write An Article's Critique] - How To Critique An Article & Write About It [Write An Article's Critique] by Dr B - Naija Dentist 53,948 views 2 years ago 36 minutes - In this video you will learn how to critique a research paper and how to write a critique paper on a research article. The writing was ...

Write an Introduction

Prevalence of Childhood Obesity

Address a Clearly Focused Research Question

Book a Consultation

Critical Appraisal Tools: CASP for Qualitative Studies-Part 1 - Critical Appraisal Tools: CASP for Qualitative Studies-Part 1 by Ramani Swarna 5,781 views 2 years ago 30 minutes - Introduction and Discussion about CASP CAT for Qualitative Studies. The **Review**, Form is used and shared for academic reasons ...

Trustworthiness and Validity in Qualitative Research Design - Trustworthiness and Validity in Qualitative Research Design by Scott Self 41,505 views 4 years ago 14 minutes, 43 seconds - Discussion of trustworthiness or validity in qualitative research design.

A description

A different description

Guba's (1991) Comparative Paradigm

Prolonged engagement

Persistent observation

Triangulation

Peer-debriefing

Negative case analysis

Referential adequacy

Member checking

Transferability

How to Write an Article Review | What Is an Article Review | Steps for Writing an Article Review -

How to Write an Article Review | What Is an Article Review | Steps for Writing an Article Review by Educational Hub 162,760 views 2 years ago 5 minutes, 19 seconds - How to Write an Article **Review**,

| What Is an Article **Review**, | Steps for Writing an Article **Review**, A **review**, article is an article that ...

How to Critically Appraise Articles- Idaho State University Library - How to Critically Appraise Articles-

Idaho State University Library by montmol2 80,548 views 9 years ago 6 minutes, 17 seconds - Learn

the basics of using **critical appraisal**, checklists and literature matrices to evaluate health sciences

journal articles. It really is ...

What is Critical Appraisal?!

Critical Appraisal Checklists

Study Types

Literature Matrix

Dr. Neill's Matrix

How to CRITIQUE a research paper, article, journal (Critical Appraisal using CASP tool) EPISODE 1

- How to CRITIQUE a research paper, article, journal (Critical Appraisal using CASP tool) EPISODE

1 by Dr B - Naija Dentist 13,754 views Streamed 2 years ago 44 minutes - This is a live chat on how

to critique a journal research paper and academic articles. IT is quite detailed. Article: ...

Intro

CASP form

Title

Google Scholar

Checklist

Research question

Methods

Blinding

Validity

5. Case control studies - 5. Case control studies by Cochrane Mental Health 24,526 views 4 years

ago 16 minutes - Judging whether we can trust the findings. This is module five of seven **critical**

appraisal, training videos. In this fifth video, we ...

Learning outcomes

Fictional data...

Case control studies (an observational design)

Matching

Odds ratio

Critical appraisal: next module

3. Randomised controlled trials - 3. Randomised controlled trials by Cochrane Mental Health 70,213

views 4 years ago 22 minutes - Questions to ask when reading a report of an RCT. This is module

three of seven **critical appraisal**, training videos. In this third ...

Detection bias

External validity

Attrition bias

Selection bias

Are the benefits worth the harms and costs

Critical Appraisal of Research Evidence in the Health Professions - Critical Appraisal of Research

Evidence in the Health Professions by Carrie Price 26,136 views 2 years ago 5 minutes, 16 seconds

- This brief video discusses four tools that can be used to **critically appraise**, research evidence.

Being able to answer the right ...

JBIC Critical Appraisal Tools

CASP

CEBM

EQUATOR Network

How To Critique A Research Paper, Article, Journal (Critical Appraisal) - How To Critique A Research Paper, Article, Journal (Critical Appraisal) by Dr B - Naija Dentist 124,900 views 3 years ago 24 minutes - DESCRIPTION: In this video you will learn how to critique a research paper and how to write a critique paper on a research article.

Introduction

Everything to look out for

Element A

7. Diagnostic studies - 7. Diagnostic studies by Cochrane Mental Health 15,947 views 4 years ago 23 minutes - Assessing whether the findings are valid. This is module seven of seven **critical appraisal**, training videos. In this seventh and last ...

Critical appraisal: modules

Learning outcomes

Diagnostic study structure

Sensitivity and specificity

Calculations

Diagnostic values

Randomised controlled trials: strengths & weaknesses

Observational designs

Diagnostic cohort: strengths & weaknesses

Diagnostic cross-sectional: strengths & weaknesses

Critical Appraisal Skills Programme CASP - Critical Appraisal Skills Programme CASP by Public Health Lectures 12,193 views 2 years ago 2 minutes, 20 seconds - Check out the CASP website for more details. Click on the link: <https://casp-uk.net/> Other resources are available here ...

Research Ethics | Ethics in Research - Research Ethics | Ethics in Research by SciToons 93,260 views 1 year ago 7 minutes, 13 seconds - You may already be familiar with what research is, but what defines good research? Ethics help answer this question.

THE CRITICAL APPRAISAL OF THE OBSERVATIONAL STUDIES - THE CRITICAL APPRAISAL OF THE OBSERVATIONAL STUDIES by Dr. Hassaan Tohid 848 views 4 years ago 6 minutes, 32 seconds - Dr. Hassaan Tohid MBBS, CCATP, CSOTP is a TEDx Speaker, Entrepreneur, Neuroscientist, Motivational speaker, Trainer, ...

How to Critically Appraise a Therapy Study- Part 1 - How to Critically Appraise a Therapy Study- Part 1 by Terry Shaneyfelt 30,416 views 11 years ago 9 minutes, 9 seconds - First of a 2 part series on questions you should ask as you **critically appraise**, a therapy study.

The New England Journal of Medicine

Was the assignment to treatment randomized?

Was Randomization Concealed? Those enrolling participants should be unaware of arm to which the next patient will be allocated

3. Were the groups similar at the start of the study?

Was Intention-to-treat Analysis used?

Critical Appraisal of Qualitative Research - Critical Appraisal of Qualitative Research by NL SUPPORT 4,743 views 1 year ago 1 hour, 7 minutes - This session reviews the criteria for assessing trustworthiness, relevance, and results of published qualitative papers. Presenter: ...

How to Critically Appraise a Systematic Review: Part 1 - How to Critically Appraise a Systematic Review: Part 1 by Terry Shaneyfelt 131,620 views 11 years ago 7 minutes, 42 seconds - Part 1 of a 2 part series on how to **critically appraise**, systematic reviews.

Intro

Appraising Systematic Reviews: 3 steps

1 Was the search for relevant primary studies to include in the review detailed and exhaustive?

2 Were the criteria used to select studies for inclusion in the review appropriate?

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