



Activity 1: Thinking About the Study



General Article information



Name of Study:

Association between opioid prescribing patterns and overdose-related deaths

First Author:

Funders:

Information Source:

Disclaimers/Disclosures:

Health Science Content:

Describe the subjects or participants in the study:

Purpose of study:

DESIGN OF ARTICLE



Newspaper

Peer-Reviewed Journal

Magazine

Web Article/Blog

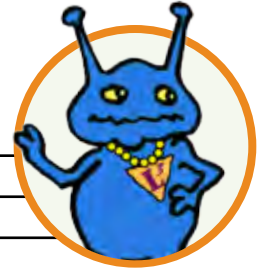




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Words to Define:



Study Design

Type of Investigations: Checklist (Check all that apply)

Descriptive investigation:

- Collection of quantitative data
 - Used words that explain **measurements**
- Collection of qualitative
 - Used words that are **descriptions**

Comparative investigation:

- Collection of data on a variety of objects/organisms or features
- Compares similarities and differences

Experimental Investigation:

- Has independent variable (IV) and dependent variable (DV)
- Manipulates a variable
- Outcome is determined by independent variable (IV)

Study Design

Identify Variables in the Study

Identify the Independent Variable (IV) in the Study.

Identify the Dependent Variable (DV) in the Study.

Identify the Constants (C) of the Study.





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About Opioids and the Study



What is an opioid?

How does an opioid affect the functions of the brain?

Why is opioid usage a concern?

Why was a cohort study an appropriate method used for this study?

What was the outcome of the study?

Write two inferences on why you think the scientists conducted this study.

Explain the importance of following the recommended dosage as prescribed by a doctor.





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Directions: An **IV C DV** chart is used to help identify the independent variable (**IV**), the constants (**C**), and the dependent variable (**DV**) in an experiment. There can only be one item in the **IV** column and one item in the **DV** column.

Complete the following chart using the information from the study.

IV	Constants	DV
Dosage		

What would the dependent variable (outcome) be if the independent variable are types of opioids and the constant is dosage?

IV	Constants	DV
Opioids		

Develop a different medical experiment using the chart.

IV	Constants	DV
Opioids		

