

Step 1



Define your
study question



1



Literature
Review

What has been done?
Sample Size?
Time frame?
Outcomes?

imagine

What does your
study add?

2

Step 2



Discuss with your
collaborators

- statistician
- defend your
idea
- be open to
suggestions



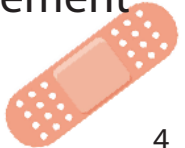
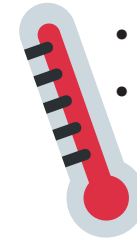
3

Step 3



Assess Feasibility

- time to finish
- sample size
- variables?
- potential bias
- measurement
error



4



Study Design

STATS

STATS

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2025-03-11

CSTAT
Center for Statistical
Training & Consulting



6
BELIEVE *hope* **DREAM** *imagine*

TASKS	TIMELINE/DATES											
Develop Protocol												
Ethics Approval												
Data Collection												
Data Cleaning												
Data Screening												
Update Analysis Plan												
Conduct Analyses												
Manuscript Submission												
Conference Presentation												

5



Establish study design
& protocol
stat methods
appropriate?
Invest time to avoid
future problems

