













Coordinator of Ankara University Research Projects Support Office

> onkanat@ankara.edu.tr pdo.ankara.edu.tr









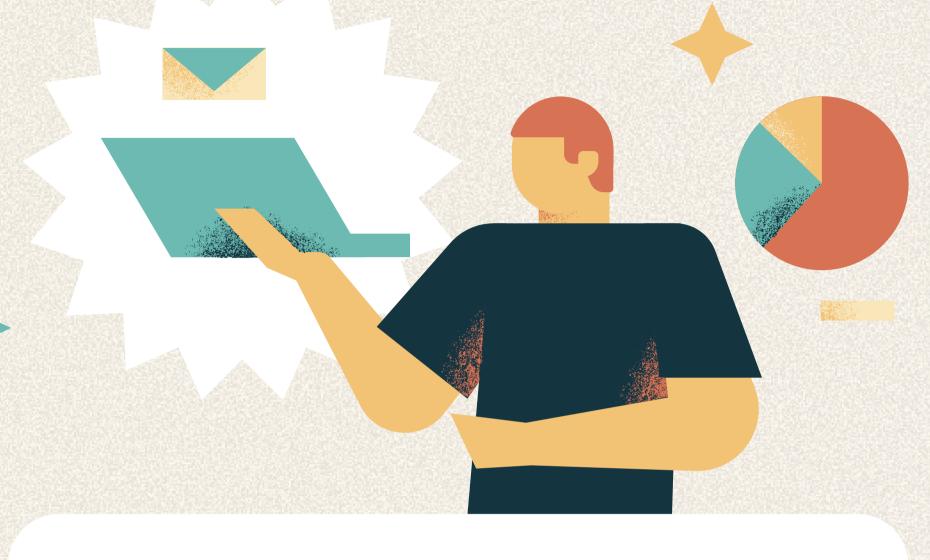
WHAT IS A RESEARCH STRATEGY?

A research strategy is a systematic approach that defines research goals, methods, timelines, funding sources, and desired outcomes. It helps in setting realistic expectations, ensuring scientific rigor, and enhancing research impact through clear direction and planning.



BENEFITS OF THE RESEARCH

The benefits of research can vary greatly depending on the subject, methodology, and purpose of the research itself.



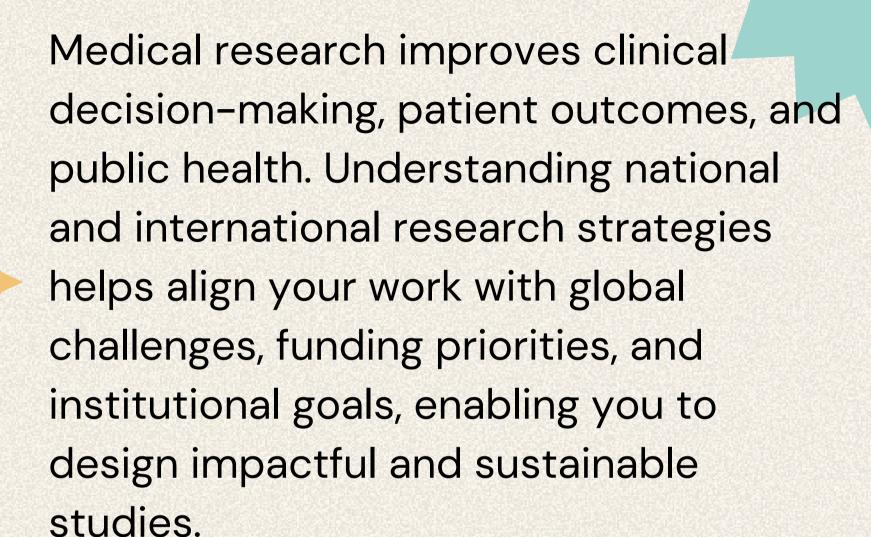


The benefits of research are often sustainable influencing the future and making a meaningful contribution to the progress of people and the planet as a whole.

most important part!



WHY RESEARCH STRATEGIES MATTER IN MEDICINE?



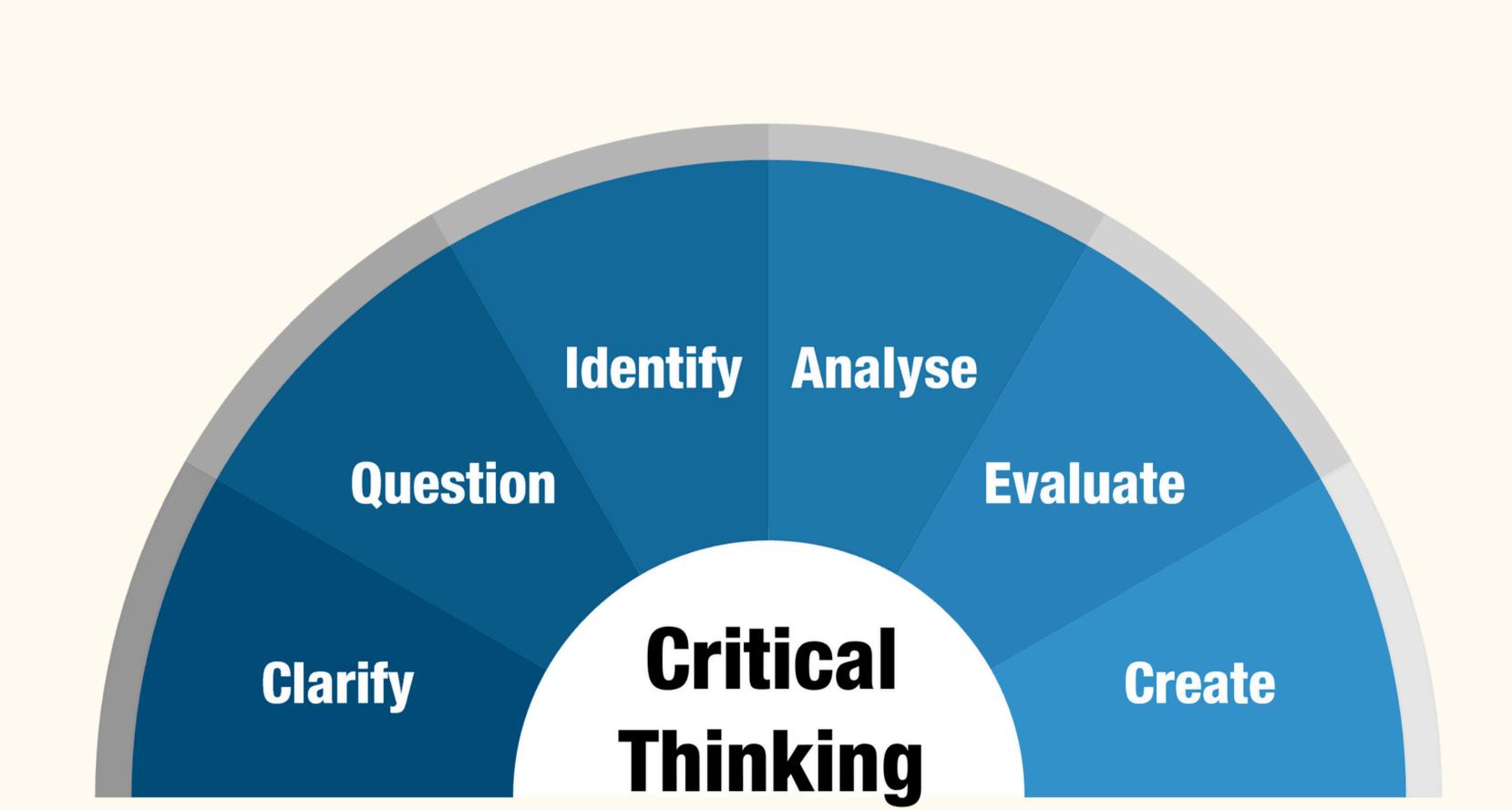
















Understand and apply new technologies



Enhance data interpretation and analytical skills







Contribute to medical knowledge and patient care







Build a foundation for academic and clinical careers





Problem-solving and decision-making abilities

Scientific writing and communication

Responsibility, initiative, and persistence

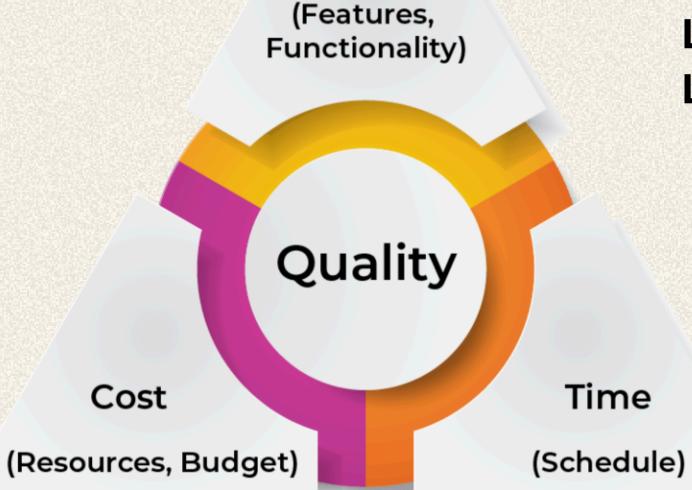
Evidence-based clinical practice mindset

Teamwork and project management

Project Management Triangle





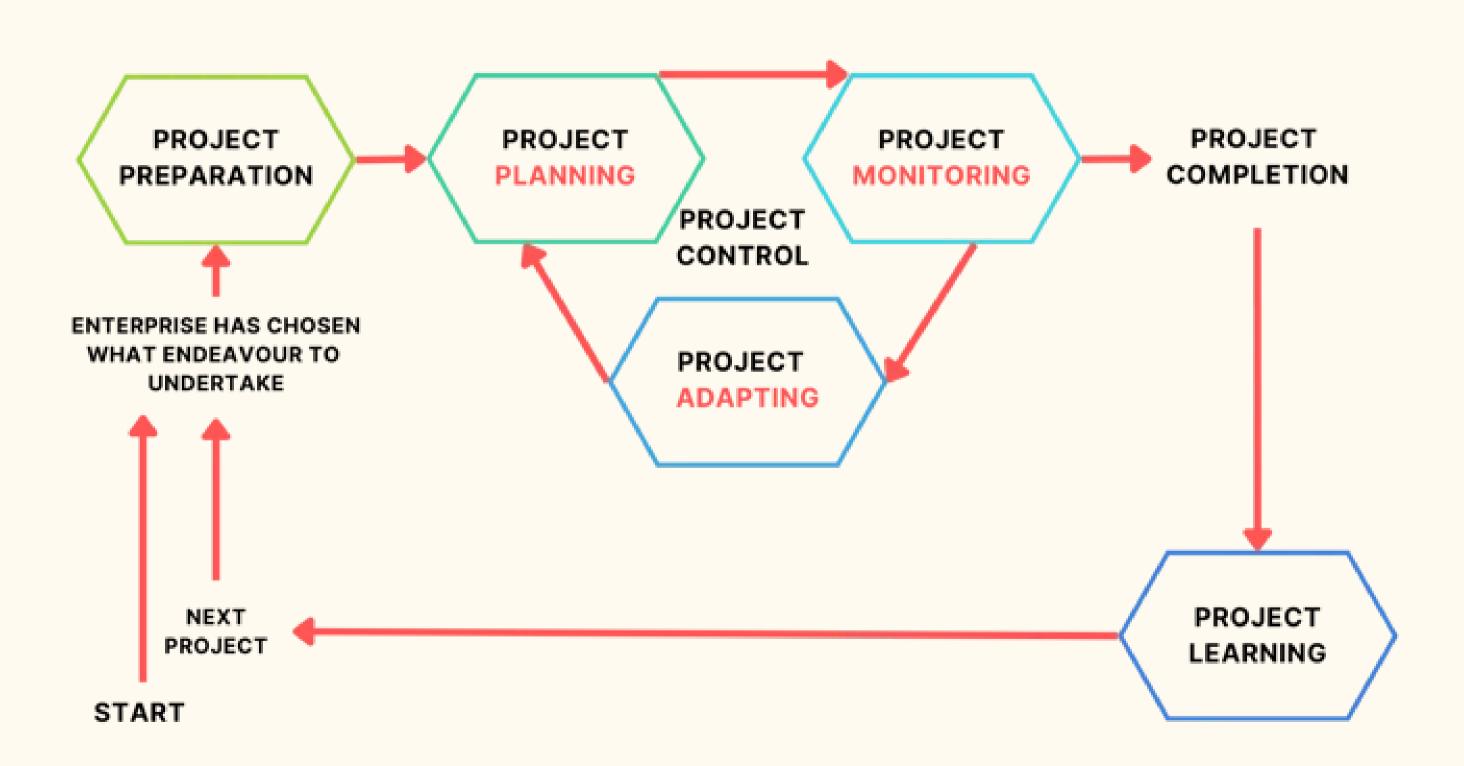


Increased scope = Increased time + Increased cost
Limited time = Reduced scope + Increased cost
Limited budget = Reduced scope + Increased time



BALANCE IS THE THE

Project Management Life Cycle







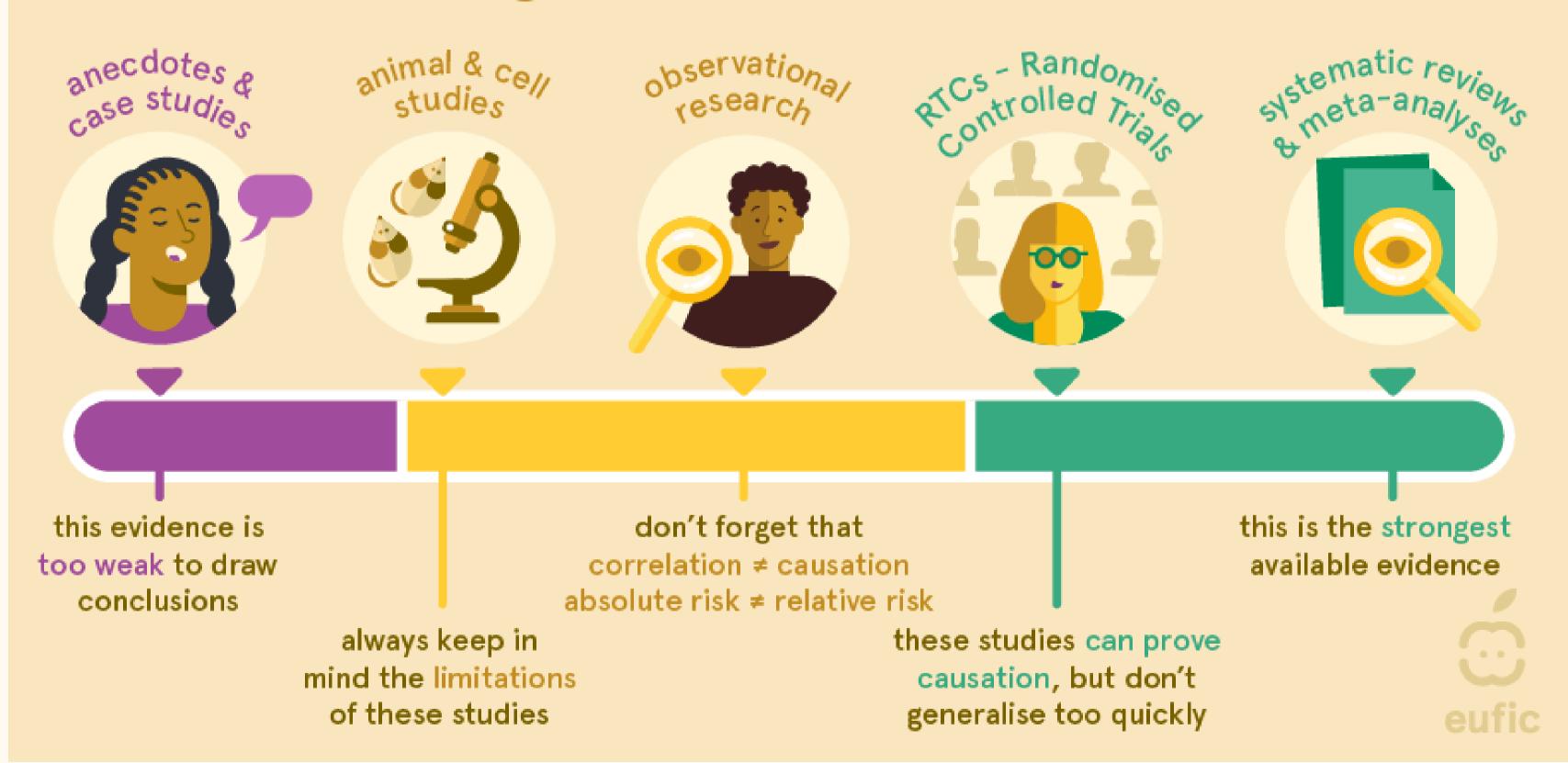


SO HOW STRONG AND ACCEPTED IS MY RESEARCH? IS THERE A CRITERIA FOR UNDERSTANDING THIS?



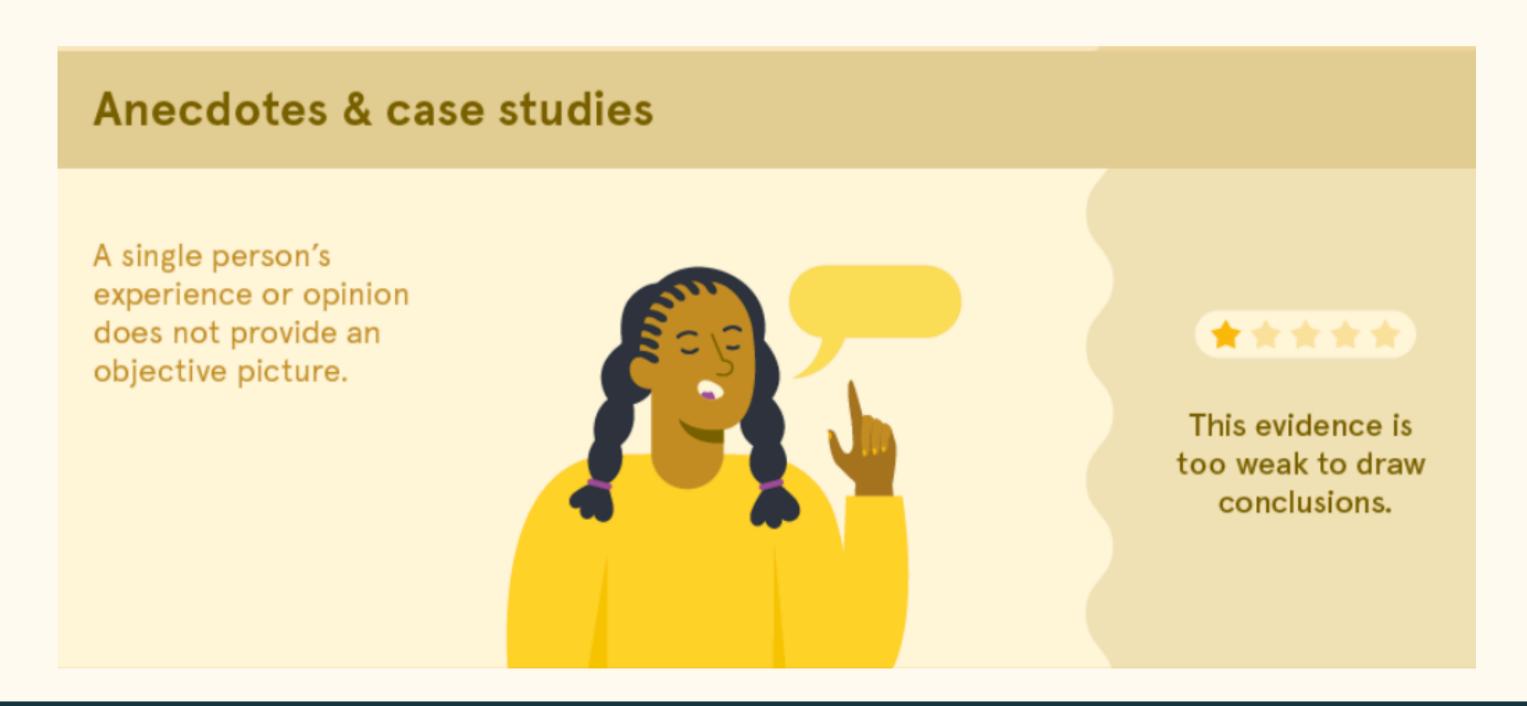


How strong is the scientific evidence?



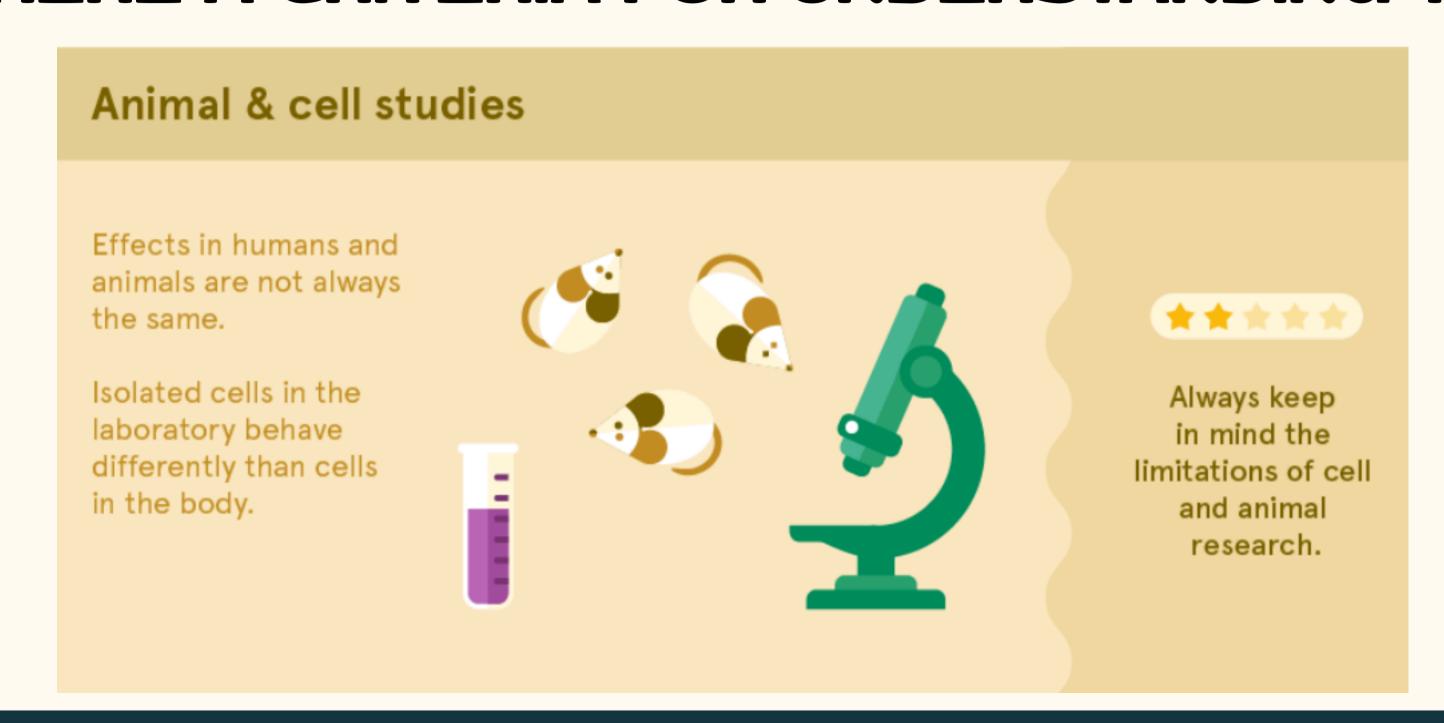


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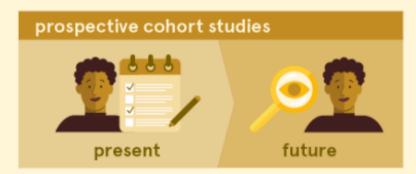




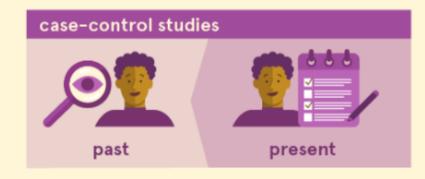
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Observational Research

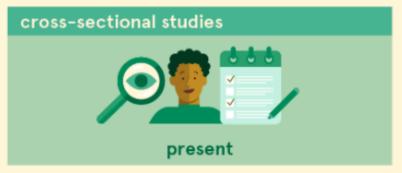
Scientists use these studies to identify correlations and develop hypotheses for further testing.



collect data from a group of people, then follow them over time to link it to health outcomes



look to the past of people with a disease and compare between people with and without diseases by collecting data from their pasts



collect information about potential exposures and outcomes at the same time



These studies can identify correlations but not causation. When many large, high-quality observational studies support the same conclusions, the evidence is stronger.





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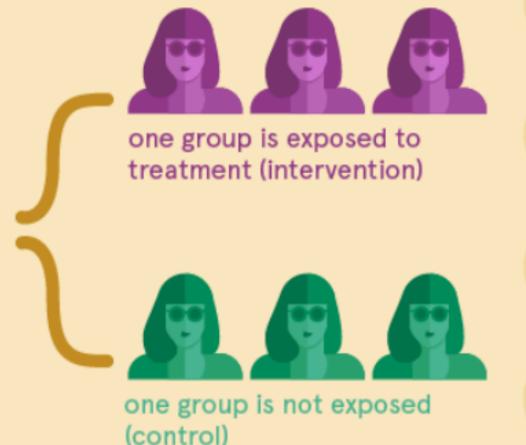
Randomised Controlled Trials (RCT)



to study (e.g.,

women over 50)

split into two random groups and measure effects



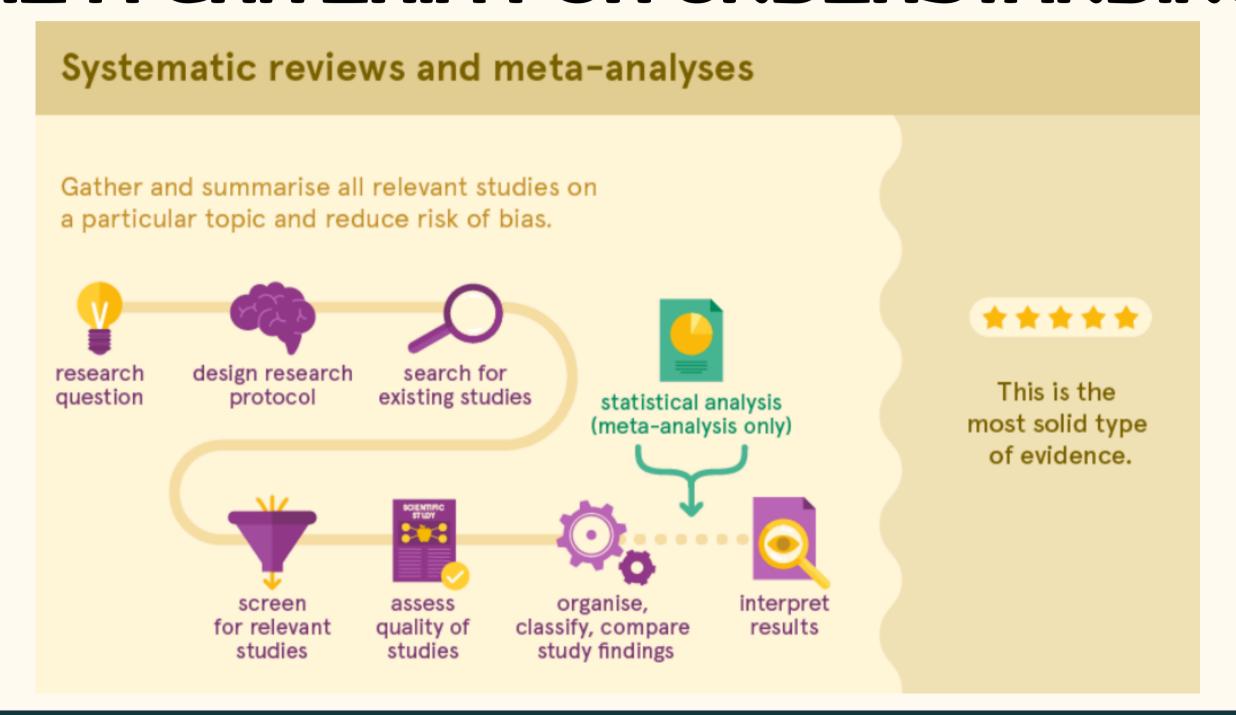


These studies can prove causation but keep in mind not to generalise too readily. They often run for short time periods and only study specific population groups.





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5 GOLDEN RULES FOR PROPOSAL WRITING

- 1. Clear, concise and relevant title
- 2. Justified background and problem definition
- 3. Feasible and ethical methods
- 4. Tangible, measurable impact
- 5. Balanced, justified budget with realistic timeline

RESEARCH RESOURCES FOR MEDICAL STUDENTS

PubMed, Scopus, Web of Science: Academic

literature

ClinicalTrials.gov, WHO ICTRP: Clinical study

registries

ORCID, Google Scholar: Research profiles and

tracking

Zotero, EndNote: Citation management tools

WHAT NATIONAL RESOURCES CAN I USE WHEN DEVELOPING MY PROJECT IDEA?

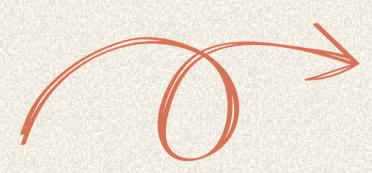
Let's say you have an idea and you wonder if it aligns with national development goals...

In this case, examine national policies and determine priority areas. For example, the strategic plan of the Ministry of Health, the strategic plan of the Ministry of Family and Social Services.



WHAT NATIONAL RESOURCES CAN I USE WHEN DEVELOPING MY PROJECT IDEA?





Currently the most important source of national strategy and target planning

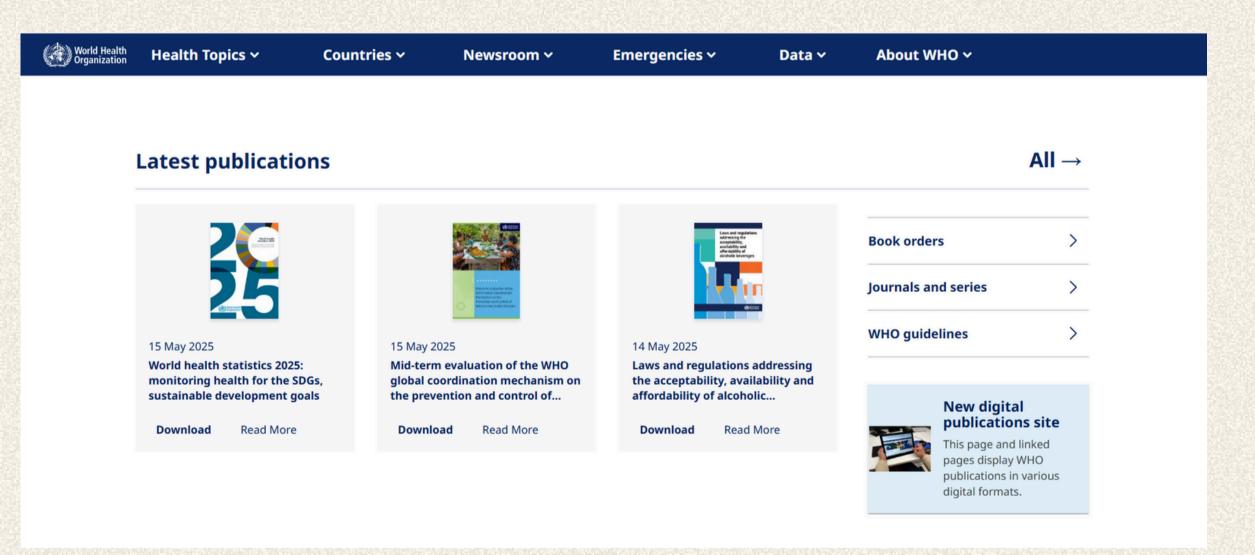
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If you have an international goal...

Follow international strategy documents related to your field, such as the World Health Organization or the International Cancer Organization.



WHAT INTERNATIONAL RESOURCES CAN I USE WHEN DEVELOPING MY PROJECT IDEA?



If you want to improve your research in the field of medicine and maintain its originality, be sure to check it out.

https://www.who.int/publications

WHAT NATIONAL FUNDING SOURCES CAN I ACCESS AS AN UNDERGRADUATE STUDENT?

2209-A - Research Project Support Programme for Undergraduate Students | TÜBİTAK | Türkiye Bilimsel ve...

T.C. Sanayi ve Teknoloji Bakanlığı'nın ilgili kuruluşudur.

🕸 TÜBİTAK

Please check this web page and contact TTO if you have a project idea.

elif.avaz@ankaratto.com

WHAT INTERNATIONAL FUNDING SOURCES CAN I ACCESS AS AN UNDERGRADUATE STUDENT?



COST actions are a collaboration network where researchers from all over the world working on similar topics come together and its doors are open to researchers from all levels of education.

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NOT ONLY THAT; AS A YOUNG RESEARCHER, YOU CAN ALSO RECEIVE FUNDING TO VISIT RESEARCH CENTERS ABROAD.







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If you are interested in COST actions, please contact me

LEC. PHD (C). ÖZGE NUR TOPRAK

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