

[Protocol Development](#)

Clinical Trial Protocol Development

Every clinical investigation begins with the development of a clinical protocol. A research protocol is a document that describes how a clinical trial will be conducted (background, rationale, objectives, design, methodology, statistical considerations, and organization of a clinical research project), and the methods used to ensure the safety of the trial subjects and integrity of the data collected.

- Title Page (General Information)
- Background Information
- Objectives/Purpose
- Study Design
- Selection and Exclusion of Subjects
- Treatment of Subjects
- Assessment of Efficacy
- Assessment of Safety
- Adverse Events
- Discontinuation of the Study
- Statistics
- Quality Control and Assurance
- Ethics
- Data and Safety Monitoring Plan
- Data handling and Recordkeeping
- Publication Policy
- Project Timetable/Flowchart
- References
- Supplements/Appendices

The NIH provides many resources for protocol development to assist investigators in writing and developing clinical research protocols that are in compliance with regulatory/GCP requirements. Some NIH institutes have a mandatory requirement for using their protocol template.

Study Design consultation and assistance are available at UCSD. Please see the CTRI [Regulatory Support](#) unit for more information.

Please review the [ICH-GCP Protocol Checklist](#) for additional guidance.

Sample Protocol Templates and Resources:

- [Protocol Template](#)
- [NIDCR-Interventional Protocol Template \(Drug, Device, Behavioral\)](#)
- [NIAID Clinical Research Toolkit- Clinical Trials Protocol Templates](#)
- [NCI-CTEP Protocol Development Templates and Guidelines](#)
- NINDS [Glossary](#) of Clinical Research Terms

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