

National Cancer Institute's Implementation of the NIH Clinical Trials Stewardship Policies

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PRESENTATION OUTLINE

PART 1. NIH STEWARDSHIP OVERVIEW

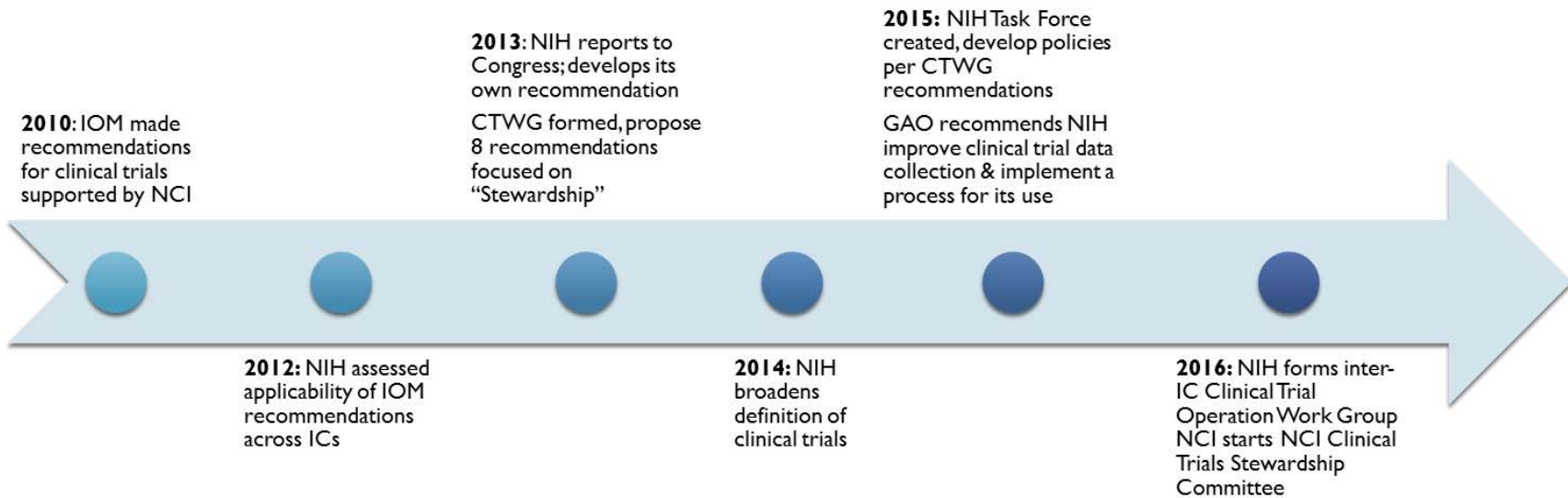
- NIH STEWARDSHIP GOALS
- HUMAN SUBJECTS RESEARCH
- NIH-FUNDED CLINICAL TRIALS

PART 2. NCI CLINICAL TRIALS STEWARDSHIP ACTIVITIES

- IMPLEMENTATION & COMMUNICATION

PART 1. NATIONAL INSTITUTES OF HEALTH REFORMS AND INITIATIVES

NIH PROPOSES A “STEWARDSHIP” APPROACH



2016: NIH ANNOUNCES 1ST SERIES OF REFORMS & INITIATIVES

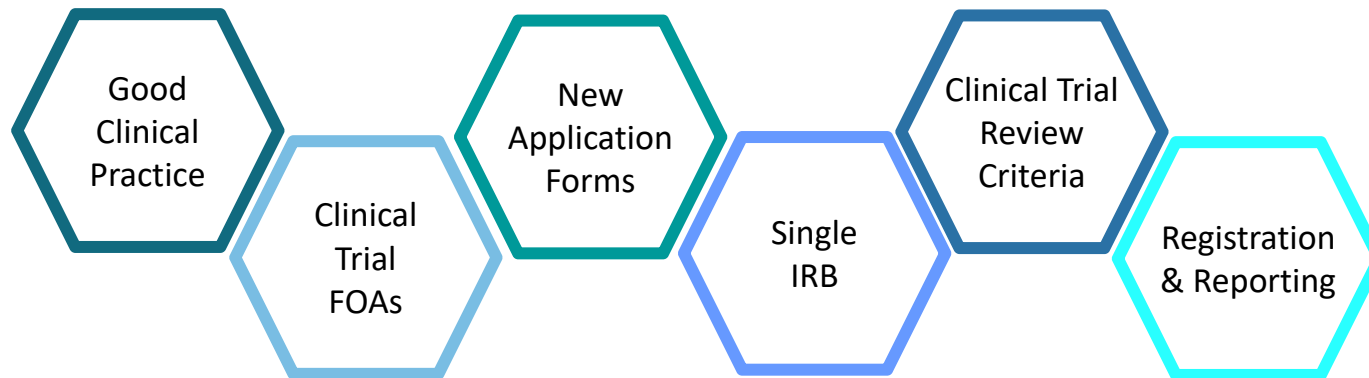


Hudson KL, Lauer MS, Collins FS.
JAMA. 2016;316(13):1353–1354.

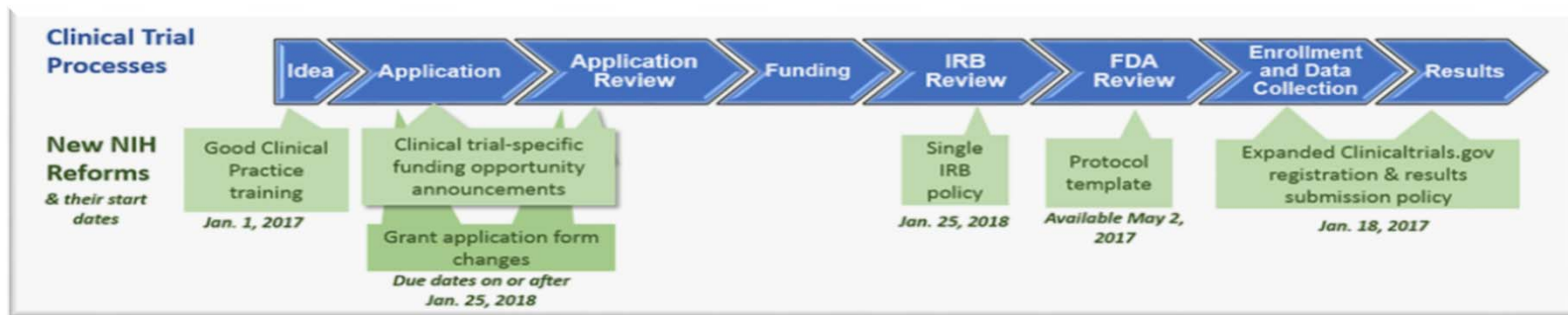


Deborah A. Zarin, M.D., Tony Tse, Ph.D., et al.,
N Engl J Med 2016; 375:1998–2004 November 17, 2016

NIH POLICY CHANGES TO ENHANCE STEWARDSHIP



NIH POLICY CHANGES THROUGHOUT THE CLINICAL TRIAL LIFE CYCLE



Ensure Public Trust

- ✓ Scientific Rigor
- ✓ Transparency
- ✓ Ethical Oversight

POLICIES FOR *ALL* RESEARCH INVOLVING HUMAN PARTICIPANTS

Single
IRB
January 25,
2018

-
- ✓ Use of a single Institutional Review Board (IRB) for multi-site studies

New
Application
Forms
January 25,
2018

- ✓ New forms to collect human subjects information

- NEW PHS HUMAN SUBJECTS AND CLINICAL TRIAL FORM
- FORMS E APPLICATION PACKAGE
- AVAILABLE NOW



SINGLE INSTITUTIONAL REVIEW BOARD (sIRB)

NOT-OD-16-094: All domestic multi-site studies will use sIRB for ethical review required of non-exempt humans subjects research protocols

Must include a plan that describes:

- The use of a sIRB selected to serve as the IRB of record
- How communications between sites and sIRB will be handled

Standardized agreements have been developed that allow institutions to rely on a sIRB

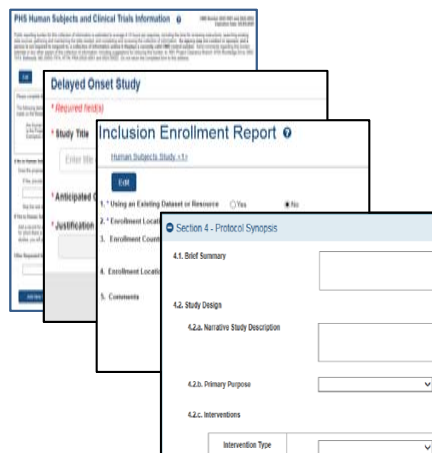
- NCATS Streamlined, Multisite, Accelerated Resources for Trials (SMART) IRB Platform

There are exceptions...



CHANGES TO THE APPLICATION PACKAGE (NOT-OD-17-062: FORMS-E Application Guide & Package)

PHS Human Subjects and Clinical Trials Information Form



- Consolidates information from multiple forms
- Incorporates structured data fields
- Collects human subjects, inclusion enrollment, and clinical trial information at the study-level (e.g., Protocol Synopsis, Statistical Plan,)
- Includes a Clinical Trials Questionnaire

<https://grants.nih.gov/policy/clinical-trials/new-human-subject-clinical-trial-info-form.htm>



CLINICAL TRIAL QUESTIONNAIRE

Does the study...

1. Involve one or more human subjects?
2. Prospectively assign human subject(s) to intervention(s)?
3. Evaluate the effect of intervention(s) on the human subject(s)?
4. Have a health-related biomedical or behavioral outcome?

If “yes” to ALL – its a clinical trial

NOTE:

- Select right NIH FOA
- Write research strategy and human subjects sections
- Comply with appropriate policies

NIH POLICIES CHANGES FOR CLINICAL TRIALS

Good
Clinical
Practice
Effective
Now!

Trial Review
Criteria
January 25,
2018

Research that Meets the NIH Definition of a Clinical Trial

- ✓ Training in Good Clinical Practice (GCP)
- ✓ Clinical trial-specific Funding Opportunity Announcements (FOAs)
- ✓ New review criteria
- ✓ Expanded registration and results reporting in ClinicalTrials.gov

Clinical
Trial
FOAs
January 25,
2018

Registration
& Reporting
Effective Now!



ICH – GOOD CLINICAL PRACTICE TRAINING

- Who:** All NIH-funded investigators and NCI staff involved in the *conduct, oversight or management* of clinical trials
- What:** Both are expected to receive Good Clinical Practice training
- Why:** To assure the safety, integrity, and quality of clinical trials
- How:** Through a class or course, academic training program, or certification from a recognized clinical research professional organization (NIAID, NIDA, and CITI courses available)



Clinical Trial-Specific Funding Opportunity Announcements

NOT-OD-16-147: All clinical trial applications **MUST** be submitted to an FOA that allows clinical trials

- Clinical Trial - Not Allowed
- Clinical Trial - Optional
- Clinical Trial – Required
- No Independent Clinical Trial – K grants



REVIEW CRITERIA FOR CLINICAL TRIALS



NOT-OD-17-118: FOAs that accept clinical trials will include new review criteria

Scored Review Criteria

- ✓ Significance
- ✓ Investigator
- ✓ Innovation
- ✓ Approach
- ✓ Environment

Additional Review Criteria

- ✓ Study Timeline



Dissemination of NIH-Funded Clinical Trial Information

NOT-OD-16-149

- Who:** All investigators conducting clinical trials funded in whole or in part by the NIH regardless of trial phase
- What:** Sponsors need to register* and report results** of trials in ClinicalTrials.gov
- Why:** Increase the availability of information about clinical trials and their results to the public in a timely manner

*within 21 days of 1st patient enrollment

**no later than 1 year after trial's primary completion date

PART 2. NATIONAL CANCER INSTITUTE'S STEWARDSHIP ACTIVITIES

NCI STEWARDSHIP GOAL

In 2016, NCI launched an institute-wide effort to achieve:



“Effective oversight and management across multiple NCI Divisions, Offices, and Centers for ensuring quality of the clinical trial, safety of research participants, reliability of data, and appropriate stewardship of funds.”

IMPLEMENTATION PLANNING GROUPS & ACTIVITIES

(Help to work through implementation)



NIH CLINICAL TRIALS OPERATION WORK GROUP (CTOW)

- Central point of contact and communication for NIH Policies
- Help OER work through implementation issues (e.g., Training on FOA writing)

NCI'S CLINICAL TRIALS STEWARDSHIP COMMITTEE (NCTSC)

- Consists of representatives across NCI
- Guides the development of NCI's specific Clinical Trials Stewardship Initiative
- Creates a unified set of Standard Operating Procedures for oversight

NCI'S OFFICE OF COMMUNICATION AND PUBLIC LIAISON (OCPL)

- Tracking and communicating NIH updates to NCI staff
- Outreach to the oncology scientific community
- Establishing new employee orientation materials

CRUCIAL 1st STEP: DEVELOPING NCI-SPECIFIC FOAS

(34 Clinical Trial Allowed FOAs)

NCI IS NOT PARTICIPATING IN NIH CLINICAL TRIAL-REQUIRED PARENT R01 & R21

FOA	NCI-Specific CLINICAL TRIAL (CT) FOA
New Investigator-initiated Clinical Trials (R01)	Yes: CT Required DCTD & DCCPS-DCP
NCI Clinical and Translational Exploratory/Developmental Studies (R21)	Yes: Reissue as CT Optional
NCI Small Grants Program for Cancer Research (R03)	Yes: Reissue as CT Optional
NCI Program Project Applications (P01)	Yes: Reissue as CT Optional
NCI Specialized Programs of Research Excellence (P50)	Yes: Reissue as CT Required

NCTSC NEXT STEP: BETA TESTING TOOLS USED BY NCI STAFF TO MONITOR NCI-FUNDED TRIALS

FOCUS: UNIFYING PROGRAM OFFICER AND GRANTS MANAGEMENT REVIEWS OF PROGRESS REPORTS:

METHOD: Utilizes a risk-based approach to review and monitoring of trials

PROCEDURE:

1. Identify resource risk elements associated with the intervention, study design, trial features, readiness for activation, etc.
2. Resource risk classification determines the frequency in reporting progress to NCI
3. Create a Clinical Trial Management Plan based on resource risk classification

OCPL EFFORTS: DEVELOPING RESOURCES FOR RESEARCHERS

August 11, 2017

- NIH OER notified all grantees by email
- Provided web page resource: [Clinical Trial Requirements for NIH Grantees and Contractors web page](#)
- NIH resource for more info: <https://grants.nih.gov/policy/clinical-trials.htm>

Mid-November 2017

- NCI Divisions, Offices and Centers will notify NCI grantees by email along with the broader community (advocates and other organizations)
- Will provide an NCI-specific web page resource
- Grantees can contact their PDs, etc.

ADDITIONAL MATERIALS

NIH National Institutes of Health
Office of Extramural Research

Doing Human Subjects Research?

Changing NIH Policies May Impact You

NIH Clinical Trials

Wide Range

Mechanistic Exploratory/Development Pilot/F feasibility Other/Interventional Behavioral

Does your study...

- ⇒ Involve one or more human subjects?
- ⇒ Prospectively assign human subjects to interventions?
- ⇒ Evaluate the effect of interventions on the human subjects?
- ⇒ Have a health-related biomedical or behavioral outcome?

If “yes” to ALL of these questions, your study is considered a clinical trial

Unsure how to answer the questions? We have a tool that can help!

Clinical Trials Stewardship Resources

NIH INITIATIVES TO STRENGTHEN CLINICAL TRIALS:

Mike Lauer's Blog on "Building Better Clinical Trials through Stewardship and Transparency"	https://news.od.nih.gov/all/2016/09/16/clinical-trials-stewardship-and-transparency/
Mike Lauer's Email to the Extramural Community	https://grants.nih.gov/policy/clinical-trials/lauer-email.htm
Why Changes to Clinical Trial Policies	https://grants.nih.gov/policy/clinical-trials/why-changes.htm

NIH POWERPOINT SLIDES:

Presentation on Rationale: NIH Clinical Trials and Transparency Reforms. Why the Changes?	https://grants.nih.gov/policy/clinical-trials/training-resources.htm
Brief Overview Presentation: Doing Human Subject Research? Changing NIH Policies May Impact You.	
Full Length Presentation: Doing Human Subject Research? Changing NIH Policies May Impact You.	

NIH CLINICAL TRIAL POLICY INFORMATION:

Overview of Clinical Trials Changes for Grants and Contracts	https://grants.nih.gov/policy/clinical-trials.htm
Good Clinical Practice Training Policy	https://grants.nih.gov/policy/clinical-trials/good-clinical-training.htm
Single IRB Policy	https://grants.nih.gov/policy/clinical-trials/single-irb-policy-multi-site-research.htm
Certificates of Confidentiality Policy	https://grants.nih.gov/grants/policy/notice-files/NOT-00-17-sib.htm

CTAC Handbook | October 26, 2017

KEY DATES TO REMEMBER



ACKNOWLEDGEMENT

NCI CLINICAL TRIALS STEWARDSHIP COMMITTEE

DCCPS: Stephanie Land, Kathleen Castro, Wynne Norton

DCP: Ann O'Mara, Linda Parreco, Leslie Ford

DCTD: Roy Wu, Vikram Devgan, Jan Casadei, James Zwiebel, Peter Ujhazy, Rosemary Wong, Dan Xi, Mostafa Nokta, Rebecca Huppi, Eileen Resnick, Karen Said

DEA: Chris Hatch, Shamala Srinivas

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GMO: Crystal Wolfrey

SBIR/STTR: Andrew Kurtz

OA: Marla Jacobson, Donna Perry-Lalley, MaryAnne Golling

OCPL: Rhonda DeJoice, LaTonya Kittles, Kelly Lawhead, Sara Johnson

Emmes: Chris Williams

THANK YOU FOR YOUR ATTENTION

Questions?



**NATIONAL
CANCER
INSTITUTE**

www.cancer.gov

www.cancer.gov/espanol