Housekeeping Items

The webinar is being recorded, and the recording will be made available with the slides.

Questions submitted through the Q&A box will be answered at the end of the presentation.
Webinar Goals

• Provide an update on the ClinicalTrials.gov modernization effort

• Share an overview and demonstration of the new ClinicalTrials.gov Beta website, highlighting the changes that users will see

• Communicate next steps

• Answer questions
ClinicalTrials.gov Modernization Overview

Ensure that ClinicalTrials.gov continues to be a trusted and valued premier public health resource that provides maximum value to the public and serves its mission well into the future.

- Improve the user experience
- Upgrade the technical infrastructure and processes to enhance sustainability
- Support the existing legal, regulatory, and policy framework
ClinicalTrials.gov Modernization Overview

Year 1: Engagement
- Engage stakeholders to determine and validate approach and specifications
- Enhance internal business processes
- Develop modernization roadmap

Year 2: Implementation
- Upgrade system infrastructure
- Conduct usability testing/evaluation
- Continue engaging stakeholders

Years 3–5: Expand Features
- Conduct usability testing/evaluation
- Continue engaging stakeholders
- Add features over time
National Library of Medicine (NLM) Board of Regents Working Group

Key Findings

• Importance of NLM’s role as a central data aggregator
• Need to serve all primary stakeholders, while clarifying where NLM can directly vs. indirectly address user needs
• Need to manage user expectations by clearly communicating the site’s purpose and limitations

Available at:
Who Do We Want to Impact?

**EXTERNAL STAKEHOLDERS**
- Patients and Their Advocates
- Data Submitters
- Data Researchers

**INTERNAL STAKEHOLDERS**
- Policy and Oversight Teams
- Information Specialists, Reviewers, and Developers

*ClinicalTrials.gov*
First Release of ClinicalTrials.gov Beta Website Launched on December 8, 2021

- Directly available at: https://beta.clinicaltrials.gov/
- Modern look and feel
- Ease of use on mobile devices
- Easy-to-understand information
- New cloud-based infrastructure
# User Research: Overall Design Goals

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Onboarding</td>
<td>Make the purpose of the site and how to use it clear to users, regardless of entry point.</td>
</tr>
<tr>
<td>Search Experience</td>
<td>Allow users to easily find studies of interest and narrow search results. Provide the ability to implement complete parameters from the outset.</td>
</tr>
<tr>
<td>Study Record Experience</td>
<td>Allow users to easily navigate study records and comprehend content areas. Organize study records to be fit for purpose.</td>
</tr>
<tr>
<td>Information Architecture</td>
<td>Provide intuitive navigation and enable users to efficiently provide feedback.</td>
</tr>
<tr>
<td>Easy-to-Understand Content</td>
<td>Visually present background information with clear next steps.</td>
</tr>
<tr>
<td>Appropriate Context</td>
<td>Connect users to useful and trustworthy content related to the research.</td>
</tr>
</tbody>
</table>
New Look for the Home Page

Classic Website

Beta Website

https://clinicaltrials.gov/

https://beta.clinicaltrials.gov/
How Are You Seeing Change?

1. **Beta site**
   - Available in parallel to the current site

2. **Add features to beta site**
   - Improve until all needed features are included

3. **Beta site is primary**
   - Current site still available as the secondary site

4. **New site**
   - Beta site is the only site; current site retired
Approach to Addressing User Experience

1. Stakeholder Engagement
   Broad range of input from over 250 stakeholders

2. User Research
   Expert review and prioritization of needs from 70 user interviews and additional focus groups

3. Design and Usability Testing
   Development of new system features informed by priority input and usability testing

4. Public Beta Release
   ClinicalTrials.gov Beta website for public use and feedback

All Stakeholders

Design feedback loop
Informational Content in Plain Language

- Full health literacy review of “Learn About Studies” and “Background” webpages
- Formative research, survey, and two rounds of focus group testing
  - Revised the text
  - Created visuals to communicate key concepts
Demonstration of the ClinicalTrials.gov Beta Website

Christina Robinson, MA
ClinicalTrials.gov Beta Website Product Owner
Releases to ClinicalTrials.gov Beta

- ClinicalTrials.gov Beta will have frequent releases in 2022.
- We will collect and implement the user feedback received.
- We will provide updates on the ClinicalTrials.gov Modernization webpage for each release.
Planned User-Centric Features

- Release Notes Page:
  Inform users of what has changed recently

- Study Record and Results:
  Expand to include more data elements and add functionality

- Download Functionality:
  Add more formats and customization
Poll: Which feature would you like to see next on ClinicalTrials.gov Beta?

A. Download search results in additional formats

B. Advanced search feature

C. Customizable view of search results

D. Personalized updates on records or search results of interest to me (similar to RSS feed)

E. History of record changes feature
Previous Webinar on ClinicalTrials.gov Modernization

• ClinicalTrials.gov provided an update on the modernization effort and a preview of this week’s beta launch.

• A recording of the October 7, 2021, webinar and the presentation slides are available on the ClinicalTrials.gov Modernization webpage: https://clinicaltrials.gov/ct2/about-site/modernization#events.
What about the PRS?
What about the Beta PRS?

- Planned release in the PRS Test system in early 2022
Questions
Thank You!

Learn more about modernization
https://clinicaltrials.gov/ct2/about-site/modernization

Stay up to date with the Hot Off the PRS! e-bulletin
https://bit.ly/33qcZBb