Using ClinicalTrials.gov as a Resource

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Topics

- ClinicalTrials.gov Overview
- Accessing COVID-19 Studies
- Modernization Effort





ClinicalTrials.gov Overview

What is Clinical Trials.gov?



Sponsors and investigators

- Submit their study information
- Keep the study record up-to-date, which may include adding results from the study when it ends



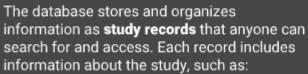
National Library of Medicine

NLM maintains the website as part of our effort to collect, organize, and make available biomedical information and data.



ClinicalTrials.gov

A website and online database of clinical research studies and their results. Think of ClinicalTrials.gov as a library of clinical research studies.



- · Study name and description
- Disease or health problem studied
- Who can join and how many participants are needed
- What researchers learned from the study (results)



Patients and health care professionals

- Find studies that patients may be able to join
- Learn about clinical research



Researchers

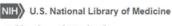
- See if results are reported and match research plan
- Look for studies available on a specific topic
- Identify unmet research and medical needs



ClinicalTrials.gov Homepage

Features:

- Tabular menu content
- Links to an important disclaimer and information about the risks and benefits of study participation
- Targeted information for different types of users
- Basic and advanced search options



ClinicalTrials.gov

Find Studies ▼ About Studies ▼ Submit Studies ▼ Resources ▼ About Site ▼ PRS Login

ClinicalTrials.gov is a database of privately and publicly funded clinical studies conducted around the world.

Explore 405,781 research studies in all 50 states and in 220 countries.

See <u>listed clinical studies</u> related to the coronavirus disease (COVID-19)

ClinicalTrials.gov is a resource provided by the U.S. National Library of Medicine.

IMPORTANT: Listing a study does not mean it has been evaluated by the U.S. Federal Government. Read our disclaimer for details.

Before participating in a study, talk to your health care provider and learn about the <u>risks and</u> potential benefits.



Help | Studies by Topic | Studies on Map | Glossary

Patients and Families

Search for actively recruiting studies that you may be able to participate in or learn about new interventions/treatments that are being considered.

Learn more

Researchers

Search the database to stay up to date on developments in your field, find collaborators, and identify unmet needs.

Learn more

Study Record Managers

Learn about registering studies and about submitting their results after study completion.

Learn more

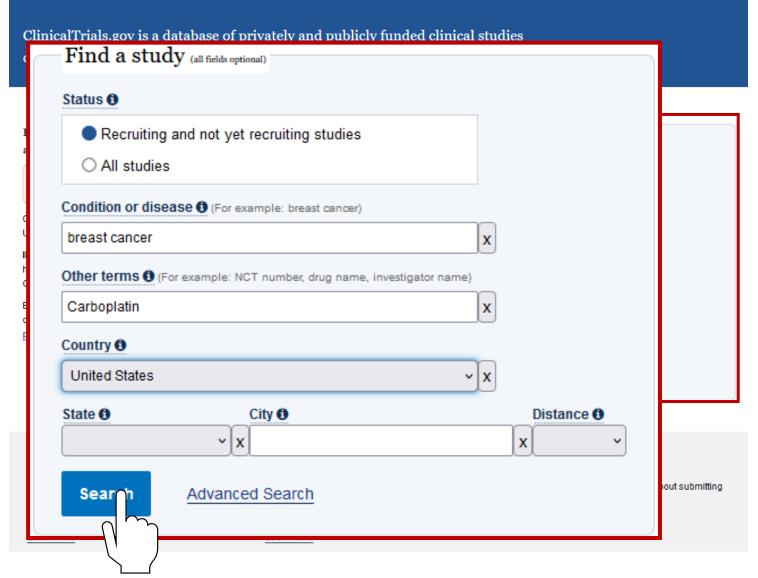
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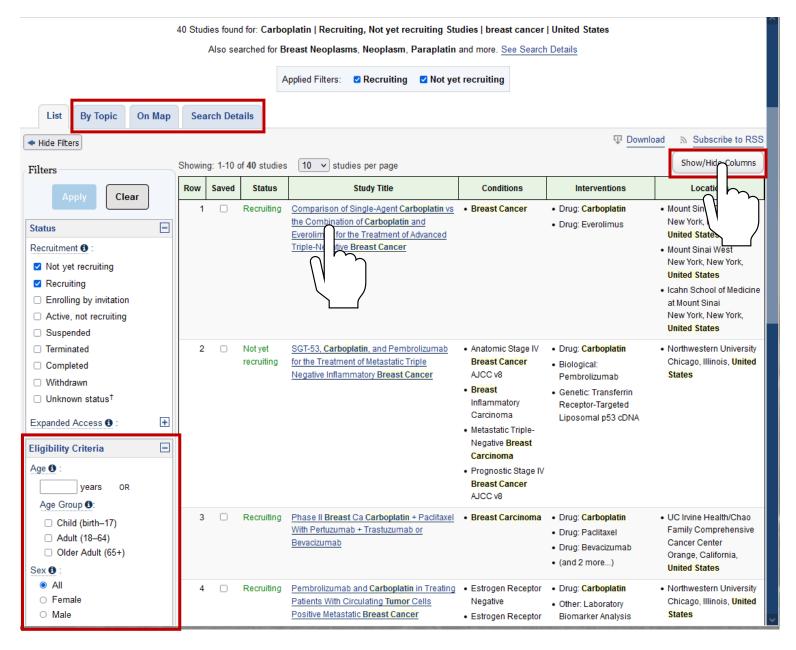
Find Studies ▼ About Studies ▼ Submit Studies ▼ Resources ▼ About Site ▼ PRS Logir



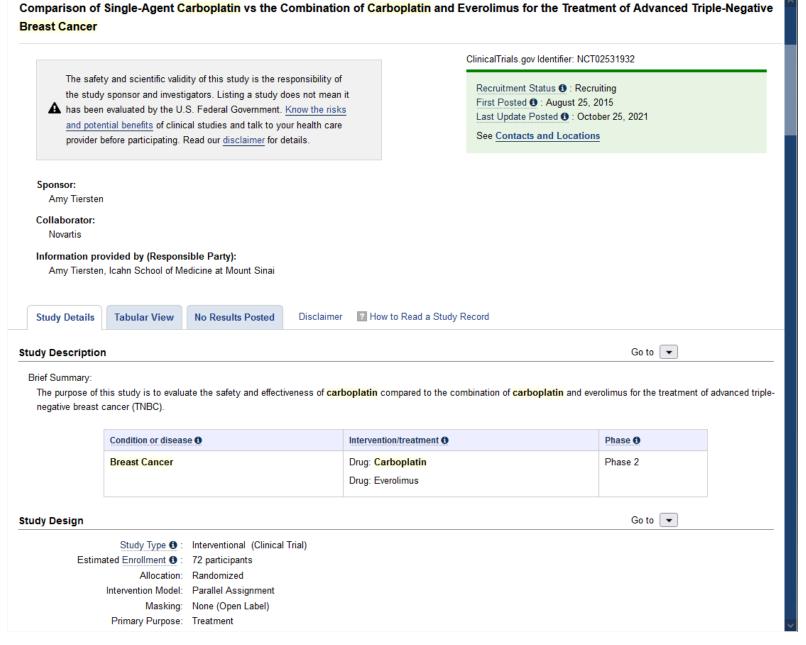
ClinicalTrials.gov Search List

Features:

- Side bar with options to refine the search
- Ability to show/hide columns
- Tabs to access additional search characteristics



ClinicalTrials.gov Study Record Example



Submission of Studies for Posting to ClinicalTrials.gov

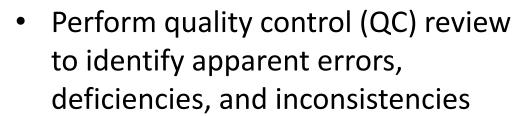
QC review is not equivalent to peer review:

Submissions are not verified against external sources (e.g., the full study protocol)

Sponsors and Investigators:

 Submit study information to ClinicalTrials.gov via the Protocol Registration and Results System (PRS)

ClinicalTrials.gov review staff:





Perform reviews of applicable clinical trials within 30 days



Benefits of
Comprehensive
Registration and
Results
Reporting

All contribute to increased public trust in clinical research

- Honor commitment to participants that their contributions will advance science; support enrollment
- Mitigate publication bias
- Advance stewardship and accountability
 - Identify unmet research needs
 - Facilitate complete reporting
 - Avoid unnecessary study duplication
 - Evaluate research integrity
- Support evidence-based medicine



Accessing COVID-19 Studies

NIH Director's Statement (10 November 2020)

Francis S. Collins, M.D., Ph.D., Former Director, National Institutes of Health

NIH calls on clinical researchers to swiftly share COVID-19 results



NIH is taking an all-hands-on-deck approach to speeding life-saving research for vaccines, treatments, and diagnostic tests to end the COVID-19 pandemic. Through the establishment of major public-private initiatives such as the Accelerating COVID-19 Therapeutic Interventions and Vaccines (ACTIV) and the Rapid Acceleration of Diagostics (RADx) initiatives, NIH and its partners have launched dozens of COVID-19 vaccine and treatment clinical trials and funded dozens of new and innovative testing technologies at an unprecedented rate.

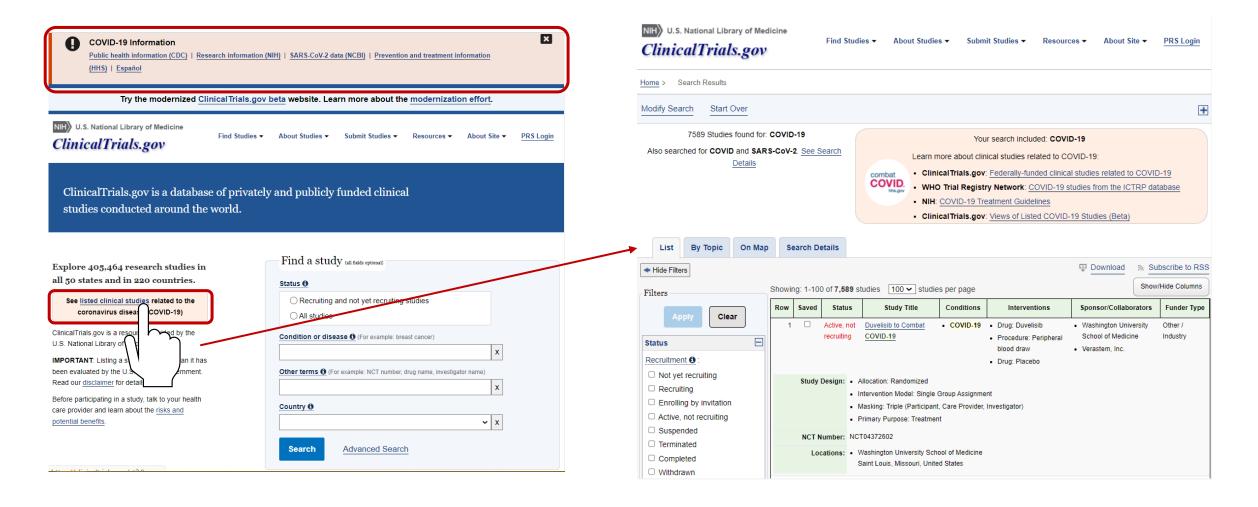
To maintain this record pace, it will be crucial for clinical researchers involved in COVID-19 and SARS-CoV-2 clinical trials to share their results as swiftly as possible. Toward this end, I strongly encourage the clinical research community to register their clinical trials and submit summary results information for COVID-19 and SARS-CoV-2 trials as quickly as possible and ahead of regulatory and policy deadline requirements to ClinicalTrials.gov, the publicly accessible database operated by NIH's National Library of Medicine.

To ensure such information is accessible as quickly as possible, NIH is prioritizing the processing of COVID-19 submissions to ClinicalTrials.gov to make the information rapidly available in a matter of days, not weeks. We are also providing one-on-one support to researchers during the process of submitting results information to ClinicalTrials.gov to address questions and optimize reporting.

NIH has taken several additional actions to speed access and discoverability for researchers, clinicians, and the public of critical information from COVID-19 and SARS-CoV-2 research, including:

- 1. Supporting the infrastructure for timely dissemination of COVID-19 clinical trial data.
- 2. Making it easier to find information about COVID-19-related studies on ClinicalTrials.gov, including information about studies listed on the World Health Organization's International Clinical Trial Registry Platform. These efforts have made information about more than 6,400 COVID-19 related clinical studies readily available to those who need it.

COVID-19: Links to Resources, Search Filters



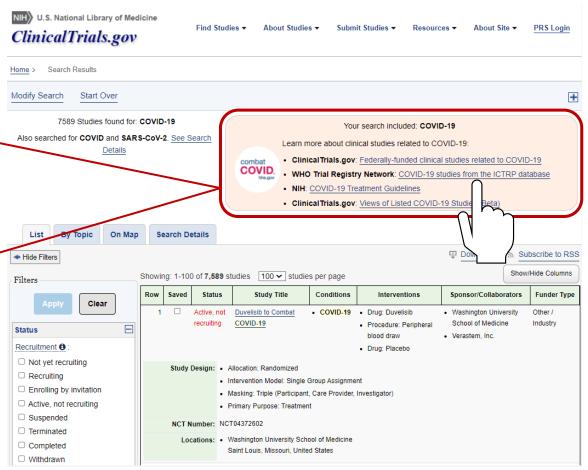


COVID-19: Links to Resources, Search Filters



Additional links:

- Filter search results for federally-funded COVID-19 studies
- Provide NIH COVID-19 Treatment Guidelines
- Categorize COVID-19 studies by location, funder, vaccine/drug, etc. ("Views of Listed COVID-19 Studies (Beta)")





ClinicalTrials.gov and COVID-19 Information

ClinicalTrials.gov serves as a centralized resource for COVID-19 clinical research:

- There are over 7,550 COVID-19—related study records on ClinicalTrials.gov as of February 2022
 - And nearly 6,000 COVID-19—related studies from World Health Organization portal
- Registration information is processed within 2 business days
- Results reviews are expedited and performed within 7 days of submission
- "Responses to Top Questions from Responsible Parties Related to Coronavirus (COVID-19)" was last updated May 2021 and is provided on the Support Materials page (Submit Studies tab)
 - See: https://prsinfo.clinicaltrials.gov/TopQuestionsFromResponsibleParties-Covid19.pdf





Modernization Effort

Vision for Modernization

ClinicalTrials.gov serves as an essential, integral, and trusted part of the research ecosystem to advance medical knowledge.



Clinical trial information is current, complete, and reliable.





Anyone can easily find and use information about clinical trials.





Trial information, resources, and tools provide value to the research ecosystem.



Who do we impact?

EXTERNAL STAKEHOLDERS



Patients and Their Advocates



Data Submitters



Data Researchers

INTERNAL STAKEHOLDERS

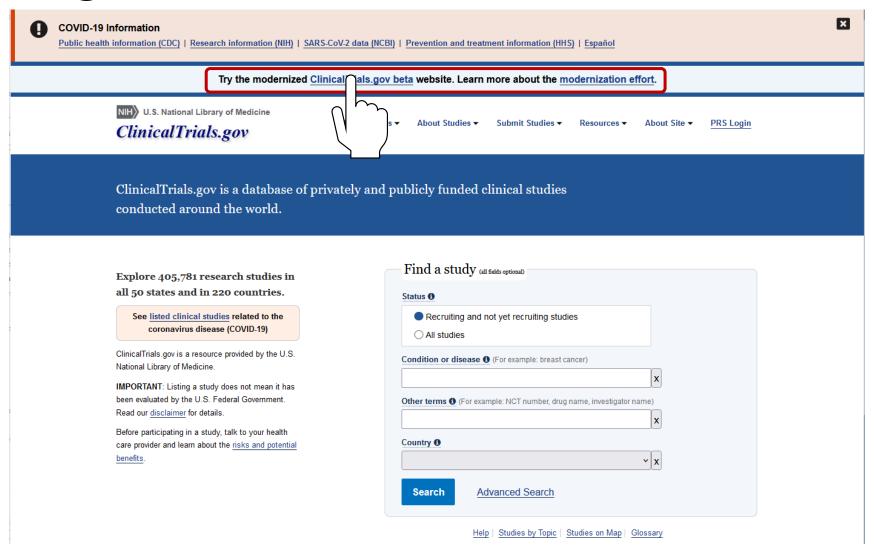


Policy and Oversight Teams



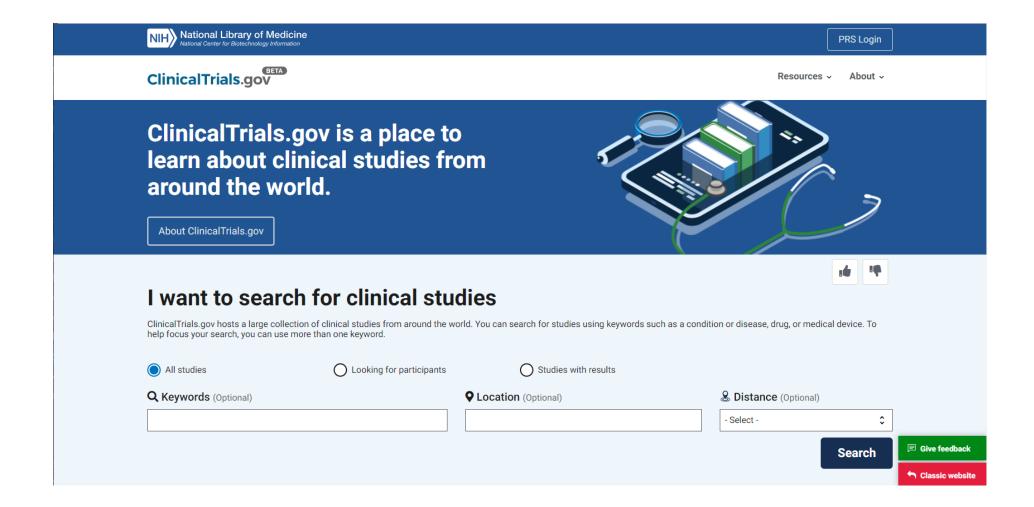
Information Specialists, Reviewers, and Developers

Accessing the Modernized Public Site





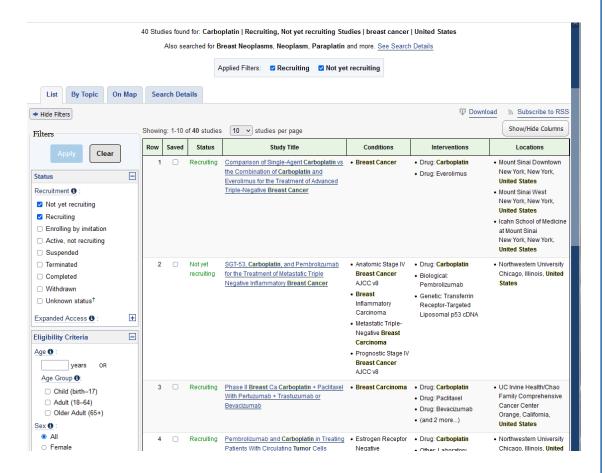
Modernized Public Site



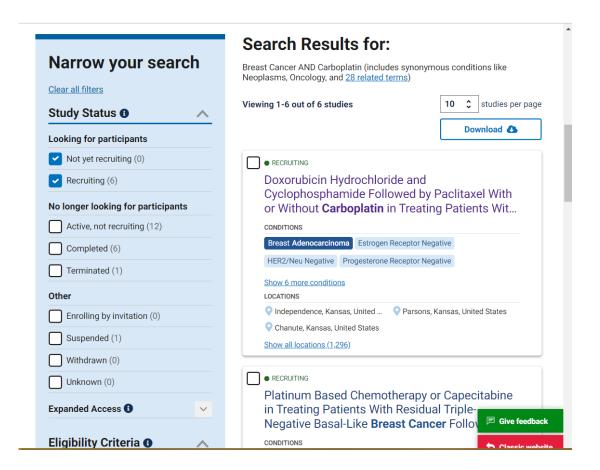


Modernized Search List

Classic Site



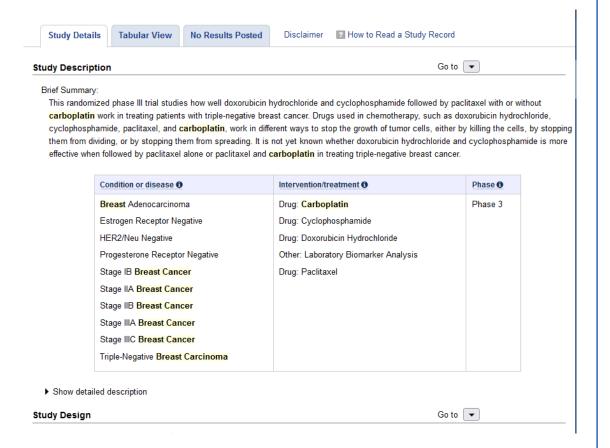
Modernized Site





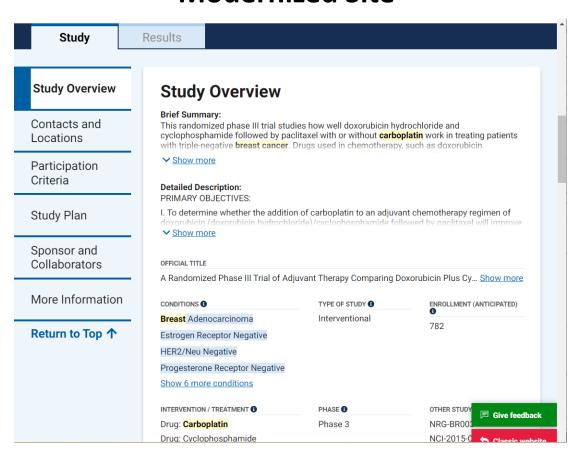
Modernized Study Record

Classic Site





Modernized Site



Stay Up to Date with Hot Off the PRS!

- Email bulletin
- Provides timely updates for PRS users on new information about the PRS and ClinicalTrials.gov
- Sign up here: https://bit.ly/33qcZBb



Hot Off the PRS!

Latest Release and Updates





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New and Updated FAQs Clarify the Deadline for Submitting Good Cause Extension Requests for Delayed Submission of Results Information

The Frequently Asked Questions (FAQs) page has new and updated content under the <u>Results</u> <u>Information and Submission Deadlines section</u>:

- New FAQ: What is the deadline for submitting a good cause extension request for delayed submission of results information?
- Updates related to FAQs clarify that responsible parties may only submit good cause extension requests for delayed submission of results information prior to the date (i.e., the day before) that results information would otherwise be due.

Thank you!

Major Milestones Related to ClinicalTrials.gov

The U.S. passed a law (FDA Modernization Act of 1997) to create ClinicalTrials.gov

Medical journal editors required sponsors and investigators to make clinical trials available on public

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U.S. law (FDA
Amendments Act of
2007) required more
types of trials and
more information
about trials on
ClinicalTrials.gov



The revised Common Rule (45 CFR 46) required public posting of an informed consent form for government-funded studies



2000



ClinicalTrials.gov launched for the public

2005

databases

2006



The World Health
Organization (WHO)
created a policy for
reporting of clinical
trial information



2007



The ClinicalTrials.gov results database launched for the public



2018

The U.S. Department of Health and Human Services (HHS) Final Rule went into effect - AND -

NIH policy required NIH-funded clinical trials to be listed on ClinicalTrials.gov

