# NCI CTRP Trial Registration REST Service Guide - Include 20170607

**Topic Links**



This section provides instructions for registering, updating, and amending Complete and Abbreviated trials via the NCI CTRP Trial Registration REST Service.

## Introduction

Trial Registration REST Service is a CTRP Web Service that provides the following operations in a REST-like fashion:

- Register an Abbreviated trial in CTRP from ClinicalTrials.gov using a ClinicalTrials.gov Trial Identifier
- Update an Abbreviated trial in CTRP
- Register a Complete interventional or non-interventional trial in CTRP
- Update a Complete trial in CTRP
- Amend a Complete trial in CTRP

The service uses XML for data exchange.

**Program Codes**

The program codes feature (not to be confused with NCI Division and Program Values) has been enhanced. The system ignores program codes unless the trial is one of the following:

- Complete trial with a lead organization as a member of your cancer center family of organizations.
- Abbreviated trial where such a member is a participant.

The system validates program code values against those listed on the Manage Program Codes Master List page for your affiliated cancer center. For details, refer to Managing Program Codes.

## Service Endpoints

**Inside the NIH Firewall (VPN required)**

- DEVINT: https://trials-int.nci.nih.gov/services

**Outside of the NIH Firewall**

- STAGE: https://trials-stage.nci.nih.gov/services
- PROD: https://trials.nci.nih.gov/services

## Access Requirements

To use the service, you must have a valid NCI LDAP account and a CTRP account. For instructions, refer to Creating New NCI CTRP User Accounts. All service endpoints require HTTP Basic authentication with your NCI LDAP username and password.

## XML Schema

The service uses XML for data exchange. All XML elements going in or out of the service are defined and validated against the following XML schemas:

- ws.xsd

- po.xsd

XML schemas are well-annotated with inline documentation that explains the purpose and meaning of various elements, types, and attributes. These schemas specify which elements are required and the required order of those elements. Specific elements required for service operations are explained in the sections below.

## Persons and Organizations - Requirements and Recommendations

Registering or amending Complete trials in the CTRP involves organizations and persons that have the following roles in clinical trials: lead organization, sponsor, principal investigator, and so on. Use person identifiers (PO IDs) and organization identifiers (CTEP IDs) when you register a trial whenever possible. If they do not already exist, request that they be created prior to trial registration, by submitting a request to the CTRO at ncictro@mail.nih.gov

## API Specification

### Register an *Abbreviated* Trial

Register an *Abbreviated* trial in CTRP by pulling trial data from ClinicalTrials.gov using a ClinicalTrials.gov Trial Identifier.

| | |
|---|---|
| **HTTP Method** | POST |
| **URL** | /trials/abbreviated/**{nct}**<br><br>**Parameters**<br><br>**{nct}.** ClinicalTrials.gov Trial Identifier |
| **Request Body** | Empty |
| **Response Body** | XML document with `TrialRegistrationConfirmation`<br><br>**MIME Type**: `application/xml` |
| **HTTP Response Code** | **200**. Success<br><br>**400**. Validation error<br><br>**401**. Invalid username/password or insufficient permissions to access the service.<br><br>**412**. A study with the given identifier already exists in CTRP.<br><br>**500**. Error: Duplicate Trial Submission: A trial exists in the system with the same Lead Organization Trial Identifier for the selected Lead Organization |
| **Examples** | **URL:** https://trials-stage.nci.nih.gov/services/trials/abbreviated/NCT02208700<br><br>**Response:**<br><br>`<?xml version="1.0" encoding="UTF-8" standalone="yes"?>`<br>`<TrialRegistrationConfirmation xmlns="gov.nih.nci.pa.webservices.types"`<br>`  xmlns:ns2="gov.nih.nci.po.webservices.types.trimmed">`<br>`  <paTrialID>137908558</paTrialID>`<br>`  <nciTrialID>NCI-2014-00496</nciTrialID>`<br>`</TrialRegistrationConfirmation>` |

### Update an *Abbreviated* Trial

Request to update an *Abbreviated* trial in CTRP.

| | |
|---|---|
| **HTTP Method** | POST |

| | |
|---|---|
| **URL** | /trials/abbreviated/**{idType}**/**{trialID}**<br><br>**Parameters**<br><br>**{idType}.** Type of identifier you want to use to identify a trial in CTRP. Possible values: *pa*, *nci*, *ctep*.<br><br>**{trialID}.** Trial identifier value itself. |
| **Request Body** | XML document with<br>`AbbreviatedTrialUpdate`<br><br>**MIME Type**: `application/xml` |
| **Response Body** | XML document with<br>`TrialRegistrationConfirmation`<br><br>**MIME Type**: `application/xml` |
| **HTTP Response Code** | **200**. Success<br><br>**400**. Validation error (including the condition when you are not allowed to update a particular trial)<br><br>**401**. Invalid username/password or insufficient permissions to access the service.<br><br>**404**. One of the Persons/Organizations acting on the trial was not found in PO<br><br>**500**. Internal server error |
| **Examples** | **URL:** https://trials-stage.nci.nih.gov/services/trials/abbreviated/nci/NCI-2014-00496<br><br>**Request:**<br><br>`<?xml version="1.0" encoding="UTF-8" standalone="yes"?>`<br>`<tns:AbbreviatedTrialUpdate`<br>`xmlns:tns="gov.nih.nci.pa.webservices.types"`<br>`xmlns:tns1="gov.nih.nci.po.webservices.types.trimmed"`<br>`xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"`<br>`xsi:schemaLocation="gov.nih.nci.pa.webservices.types ../../src/resources/ws.xsd ">`<br><br>`<tns:clinicalTrialsDotGovTrialID>NCT87654321</tns:clinicalTrialsDotGovTrialID>`<br>`<tns:irbApprovalDocument filename="irb_u.pdf">dGVzdA==</tns:irbApprovalDocument>`<br>`<tns:informedConsentDocument filename="consent_u.pdf">dGVzdA==</tns:informedConsentDocument>`<br>`<tns:otherDocument filename="other_u1.pdf">dGVzdA==</tns:otherDocument>`<br>`</tns:AbbreviatedTrialUpdate>`<br><br>**Response:**<br><br>`<?xml version="1.0" encoding="UTF-8" standalone="yes"?>`<br>`<TrialRegistrationConfirmation`<br>`xmlns="gov.nih.nci.pa.webservices.types"`<br>`xmlns:ns2="gov.nih.nci.po.webservices.types.trimmed">`<br>`<paTrialID>137908558</paTrialID>`<br>`<nciTrialID>NCI-2014-00496</nciTrialID>`<br>`</TrialRegistrationConfirmation>` |

## Register a *Complete* Trial

Request to register a *Complete* trial in CTRP.

| | |
|---|---|
| **HTTP Method** | POST |
| **URL** | /trials/complete |

| | |
|---|---|
| **Request Body** | XML document with `CompleteTrialRegistration`<br><br>**MIME Type:** `application/xml` |
| **Response Body** | XML document with `TrialRegistrationConfirmation`<br><br>**MIME Type**: `application/xml`. |
| **HTTP Response Code** | **200**. Success<br><br>**400**. Validation error<br><br>**401**. Invalid username/password or insufficient permissions to access the service.<br><br>**404**. One of the Persons/Organizations acting on the trial was not found in PO<br><br>**500**. Internal server error |
| **Examples** | **URL:** https://trials-stage.nci.nih.gov/services/trials/complete<br><br>**Request (referring to existing Organizations and Persons by ID):** |

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<tns:CompleteTrialRegistration
    xmlns:tns="gov.nih.nci.pa.webservices.types"
    xmlns:tns1="gov.nih.nci.po.webservices.types.trimmed"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xsi:schemaLocation="gov.nih.nci.pa.webservices.types ../../src/resources/ws.xsd ">


    <tns:leadOrgTrialID>REST00001</tns:leadOrgTrialID>
    <tns:clinicalTrialsDotGovTrialID>NCT12345678</tns:clinicalTrialsDotGovTrialID>
    <tns:dcpIdentifier>DCP123</tns:dcpIdentifier>
    <tns:otherTrialID>OTHER00000000001</tns:otherTrialID>
    <tns:title>A Phase I Study of REST Trial Registration</tns:title>
    <tns:phase>I</tns:phase>
    <tns:pilot>false</tns:pilot>
    <tns:accrualDiseaseTerminology>SDC</tns:accrualDiseaseTerminology>
    <tns:primaryPurpose>Other</tns:primaryPurpose>
    <tns:primaryPurposeOtherDescription>Additional description of the trial's purpose</tns:
primaryPurposeOtherDescription>
    <tns:interventionalDesign>
        <tns:secondaryPurpose>Other</tns:secondaryPurpose>
        <tns:secondaryPurposeOtherDescription>Additional description of the trial's purpose<
/tns:secondaryPurposeOtherDescription>
    </tns:interventionalDesign>
    <tns:leadOrganization>
        <tns:existingOrganization>
            <tns:poID>1</tns:poID>
        </tns:existingOrganization>
    </tns:leadOrganization>
    <tns:pi>
        <tns:existingPerson>
            <tns:poID>10</tns:poID>
        </tns:existingPerson>
    </tns:pi>
    <tns:sponsor>
        <tns:existingOrganization>
            <tns:poID>2</tns:poID>
        </tns:existingOrganization>
    </tns:sponsor>
    <tns:responsibleParty>
        <tns:type>Sponsor</tns:type>
    </tns:responsibleParty>
    <tns:summary4FundingSponsor>
        <tns:existingOrganization>
            <tns:poID>3</tns:poID>
        </tns:existingOrganization>
    </tns:summary4FundingSponsor>
```

```
    <tns:programCode>PG00001</tns:programCode>
    <tns:fundedByNciGrant>false</tns:fundedByNciGrant>
    <tns:grant>
        <tns:fundingMechanism>B01</tns:fundingMechanism>
        <tns:nihInstitutionCode>AA</tns:nihInstitutionCode>
        <tns:serialNumber>111111</tns:serialNumber>
        <tns:nciDivisionProgramCode>CCR</tns:nciDivisionProgramCode>
        <tns:fundingPercentage>100.0</tns:fundingPercentage>
    </tns:grant>
    <tns:trialStatus>In Review</tns:trialStatus>
    <tns:whyStopped>If study stopped, enter the reason why.</tns:whyStopped>
    <tns:trialStatusDate>2014-07-15</tns:trialStatusDate>
    <tns:trialStartDate type="Actual">2014-07-15</tns:trialStartDate>
    <tns:primaryCompletionDate type="Anticipated">2018-07-15</tns:primaryCompletionDate>
    <tns:completionDate type="Anticipated">2018-07-15</tns:completionDate>
    <tns:ind>
        <tns:number>111111</tns:number>
        <tns:grantor>CDER</tns:grantor>
        <tns:holderType>NIH</tns:holderType>
        <tns:nihInstitution>NEI</tns:nihInstitution>
        <tns:expandedAccess>true</tns:expandedAccess>
        <tns:expandedAccessRecord>NCT12345688</tns:expandedAccessRecord>
    </tns:ind>
    <tns:ide>
        <tns:number>222222</tns:number>
        <tns:grantor>CDRH</tns:grantor>
        <tns:holderType>NCI</tns:holderType>
        <tns:nciDivisionProgramCode>CCR</tns:nciDivisionProgramCode>
        <tns:expandedAccess>unknown</tns:expandedAccess>
    </tns:ide>
    <tns:regulatoryInformation>
        <tns:fdaRegulatedDrug>true</tns:fdaRegulatedDrug>
        <tns:fdaRegulatedDevice>true</tns:fdaRegulatedDevice>
        <tns:approvalClearance>false</tns:approvalClearance>
        <tns:marketSurveillance>true</tns:marketSurveillance>
        <tns:usaExport>true</tns:usaExport>
        <tns:fdaRegulated>true</tns:fdaRegulated>
        <tns:section801>true</tns:section801>
        <tns:delayedPosting>false</tns:delayedPosting>
        <tns:dataMonitoringCommitteeAppointed>true</tns:dataMonitoringCommitteeAppointed>
    </tns:regulatoryInformation>
    <tns:protocolDocument filename="protocol.pdf">dGVzdA==</tns:protocolDocument>
    <tns:irbApprovalDocument filename="irb.pdf">dGVzdA==</tns:irbApprovalDocument>
    <tns:participatingSitesDocument
            filename="sites.pdf">dGVzdA==</tns:participatingSitesDocument>
    <tns:informedConsentDocument filename="consent.pdf">dGVzdA==</tns:informedConsentDocument>
    <tns:otherDocument filename="other.pdf">dGVzdA==</tns:otherDocument>
    <tns:category>Externally Peer-Reviewed</tns:category>
    <tns:trialOwner>submitter-ci@example.com</tns:trialOwner>
</tns:CompleteTrialRegistration>
```

**Request (non-interventional trial):**

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<tns:CompleteTrialRegistration
    xmlns:tns="gov.nih.nci.pa.webservices.types"
        xmlns:tns1="gov.nih.nci.po.webservices.types.trimmed"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
        xsi:schemaLocation="gov.nih.nci.pa.webservices.types ../../src/resources/ws.xsd ">


        <tns:leadOrgTrialID>REST00001</tns:leadOrgTrialID>
        <tns:clinicalTrialsDotGovTrialID>NCT01234567</tns:clinicalTrialsDotGovTrialID>
        <tns:otherTrialID>OTHER00000000002</tns:otherTrialID>
        <tns:title>A Phase I Study of REST Trial Registration</tns:title>
        <tns:phase>I</tns:phase>
        <tns:pilot>false</tns:pilot>
        <tns:accrualDiseaseTerminology>ICD10</tns:accrualDiseaseTerminology>
```

```
        <tns:primaryPurpose>Other</tns:primaryPurpose>
        <tns:primaryPurposeOtherDescription>Additional description of the trial's purpose</tns:
primaryPurposeOtherDescription>
        <tns:nonInterventionalDesign>
                <tns:trialType>Observational</tns:trialType>
                <tns:studyModelCode>Other</tns:studyModelCode>
                <tns:studyModelCodeOtherDescription>studyModelCode other</tns:
studyModelCodeOtherDescription>
                <tns:timePerspectiveCode>Other</tns:timePerspectiveCode>
                <tns:timePerspectiveCodeOtherDescription>timePerspectiveCode other</tns:
timePerspectiveCodeOtherDescription>
        </tns:nonInterventionalDesign>
        <tns:leadOrganization>
                <tns:existingOrganization>
                        <tns:poID>1</tns:poID>
                </tns:existingOrganization>
        </tns:leadOrganization>
        <tns:pi>
                <tns:existingPerson>
                        <tns:poID>10</tns:poID>
                </tns:existingPerson>
        </tns:pi>
        <tns:sponsor>
                <tns:existingOrganization>
                        <tns:poID>2</tns:poID>
                </tns:existingOrganization>
        </tns:sponsor>
        <tns:responsibleParty>
                <tns:type>Sponsor</tns:type>
        </tns:responsibleParty>
        <tns:summary4FundingSponsor>
                <tns:existingOrganization>
                        <tns:poID>3</tns:poID>
                </tns:existingOrganization>
        </tns:summary4FundingSponsor>
        <tns:programCode>PG00001</tns:programCode>
        <tns:fundedByNciGrant>false</tns:fundedByNciGrant>
        <tns:grant>
                <tns:fundingMechanism>B09</tns:fundingMechanism>
                <tns:nihInstitutionCode>AA</tns:nihInstitutionCode>
                <tns:serialNumber>111111</tns:serialNumber>
                <tns:nciDivisionProgramCode>CCR</tns:nciDivisionProgramCode>
                <tns:fundingPercentage>100.0</tns:fundingPercentage>
        </tns:grant>
        <tns:trialStatus>In Review</tns:trialStatus>
        <tns:whyStopped>If study stopped, enter the reason why.</tns:whyStopped>
        <tns:trialStatusDate>2014-07-15</tns:trialStatusDate>
        <tns:trialStartDate type="Actual">2014-07-15</tns:trialStartDate>
        <tns:primaryCompletionDate type="Anticipated">2018-07-15</tns:primaryCompletionDate>
        <tns:completionDate type="Anticipated">2018-07-15</tns:completionDate>
        <tns:ind>
                <tns:number>111111</tns:number>
                <tns:grantor>CDER</tns:grantor>
                <tns:holderType>NIH</tns:holderType>
                <tns:nihInstitution>NEI</tns:nihInstitution>
                <tns:expandedAccess>true</tns:expandedAccess>
        <tns:expandedAccessRecord>NCT12345688</tns:expandedAccessRecord>
        </tns:ind>
        <tns:ide>
                <tns:number>222222</tns:number>
                <tns:grantor>CDRH</tns:grantor>
                <tns:holderType>NCI</tns:holderType>
                <tns:nciDivisionProgramCode>CCR</tns:nciDivisionProgramCode>
                <tns:expandedAccess>unknown</tns:expandedAccess>
        </tns:ide>
        <tns:regulatoryInformation>
        <tns:fdaRegulatedDrug>true</tns:fdaRegulatedDrug>
        <tns:fdaRegulatedDevice>true</tns:fdaRegulatedDevice>
        <tns:approvalClearance>false</tns:approvalClearance>
        <tns:marketSurveillance>true</tns:marketSurveillance>
        <tns:usaExport>true</tns:usaExport>
```

```
                <tns:fdaRegulated>true</tns:fdaRegulated>
                <tns:section801>true</tns:section801>
                <tns:delayedPosting>false</tns:delayedPosting>
                <tns:dataMonitoringCommitteeAppointed>true</tns:
dataMonitoringCommitteeAppointed>
        </tns:regulatoryInformation>
        <tns:protocolDocument filename="protocol.pdf">dGVzdA==</tns:protocolDocument>
        <tns:irbApprovalDocument filename="irb.pdf">dGVzdA==</tns:irbApprovalDocument>
        <tns:participatingSitesDocument
                filename="sites.pdf">dGVzdA==</tns:participatingSitesDocument>
        <tns:informedConsentDocument filename="consent.pdf">dGVzdA==</tns:
informedConsentDocument>
        <tns:otherDocument filename="other.pdf">dGVzdA==</tns:otherDocument>
        <tns:category>Externally Peer-Reviewed</tns:category>
        <tns:trialOwner>submitter-ci@example.com</tns:trialOwner>
</tns:CompleteTrialRegistration>
```

**Request (trial with minimum data):**

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<tns:CompleteTrialRegistration
    xmlns:tns="gov.nih.nci.pa.webservices.types"
        xmlns:tns1="gov.nih.nci.po.webservices.types.trimmed"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
        xsi:schemaLocation="gov.nih.nci.pa.webservices.types ../../src/resources/ws.xsd
">


        <tns:leadOrgTrialID>REST00001</tns:leadOrgTrialID>
        <tns:title>A Phase I Study of REST Trial Registration</tns:title>
        <tns:phase>I</tns:phase>
        <tns:accrualDiseaseTerminology>ICD10</tns:accrualDiseaseTerminology>
        <tns:primaryPurpose>Treatment</tns:primaryPurpose>
        <tns:interventionalDesign />
        <tns:leadOrganization>
                <tns:existingOrganization>
                        <tns:poID>1</tns:poID>
                </tns:existingOrganization>
        </tns:leadOrganization>
        <tns:pi>
                <tns:existingPerson>
                        <tns:poID>10</tns:poID>
                </tns:existingPerson>
        </tns:pi>
        <tns:summary4FundingSponsor>
                <tns:existingOrganization>
                        <tns:poID>2</tns:poID>
                </tns:existingOrganization>
        </tns:summary4FundingSponsor>
        <tns:fundedByNciGrant>false</tns:fundedByNciGrant>
        <tns:trialStatus>In Review</tns:trialStatus>
        <tns:trialStatusDate>2001-01-01</tns:trialStatusDate>
        <tns:trialStartDate type="Actual">2001-01-01
        </tns:trialStartDate>
        <tns:primaryCompletionDate type="Actual">2001-01-01
        </tns:primaryCompletionDate>
        <tns:protocolDocument filename="protocol.pdf">MA==
        </tns:protocolDocument>
        <tns:irbApprovalDocument filename="irb.pdf">MA==
        </tns:irbApprovalDocument>
        <tns:category>National</tns:category>
        <tns:trialOwner>submitter-ci@example.com</tns:trialOwner>
</tns:CompleteTrialRegistration>
```

**Request (trial where responsible party is Sponsor-Investigator):**

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<tns:CompleteTrialRegistration
    xmlns:tns="gov.nih.nci.pa.webservices.types"
        xmlns:tns1="gov.nih.nci.po.webservices.types.trimmed"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
        xsi:schemaLocation="gov.nih.nci.pa.webservices.types ../../src/resources/ws.xsd ">


        <tns:leadOrgTrialID>REST00001</tns:leadOrgTrialID>
        <tns:clinicalTrialsDotGovTrialID>NCT12345678</tns:clinicalTrialsDotGovTrialID>
        <tns:otherTrialID>OTHER000000000001</tns:otherTrialID>
        <tns:title>A Phase I Study of REST Trial Registration</tns:title>
        <tns:phase>I</tns:phase>
        <tns:pilot>false</tns:pilot>
        <tns:accrualDiseaseTerminology>ICD10</tns:accrualDiseaseTerminology>
        <tns:primaryPurpose>Other</tns:primaryPurpose>
        <tns:primaryPurposeOtherDescription>Additional description of the trial's purpose</tns:
primaryPurposeOtherDescription>
        <tns:interventionalDesign>
                <tns:secondaryPurpose>Other</tns:secondaryPurpose>
                <tns:secondaryPurposeOtherDescription>Additional description of the trial's
purpose</tns:secondaryPurposeOtherDescription>
        </tns:interventionalDesign>
        <tns:leadOrganization>
                <tns:existingOrganization>
                        <tns:poID>1</tns:poID>
                </tns:existingOrganization>
        </tns:leadOrganization>
        <tns:pi>
                <tns:existingPerson>
                        <tns:poID>10</tns:poID>
                </tns:existingPerson>
        </tns:pi>
        <tns:sponsor>
                <tns:existingOrganization>
                        <tns:poID>2</tns:poID>
                </tns:existingOrganization>
        </tns:sponsor>
        <tns:responsibleParty>
                <tns:type>Sponsor-Investigator</tns:type>
                <tns:investigator>
                <tns:existingPerson>
                        <tns:poID>1</tns:poID>
                </tns:existingPerson>
                </tns:investigator>
                <tns:investigatorTitle>CEO &amp;amp; Chairman</tns:investigatorTitle>
        </tns:responsibleParty>
        <tns:summary4FundingSponsor>
                <tns:existingOrganization>
                        <tns:poID>3</tns:poID>
                </tns:existingOrganization>
        </tns:summary4FundingSponsor>
        <tns:programCode>PG00001</tns:programCode>
        <tns:fundedByNciGrant>false</tns:fundedByNciGrant>
        <tns:grant>
                <tns:fundingMechanism>B09</tns:fundingMechanism>
                <tns:nihInstitutionCode>AA</tns:nihInstitutionCode>
                <tns:serialNumber>111111</tns:serialNumber>
                <tns:nciDivisionProgramCode>CCR</tns:nciDivisionProgramCode>
                <tns:fundingPercentage>100.0</tns:fundingPercentage>
        </tns:grant>
        <tns:trialStatus>In Review</tns:trialStatus>
        <tns:whyStopped>If study stopped, enter the reason why.</tns:whyStopped>
        <tns:trialStatusDate>2014-07-15</tns:trialStatusDate>
        <tns:trialStartDate type="Actual">2014-07-15</tns:trialStartDate>
        <tns:primaryCompletionDate type="Anticipated">2018-07-15</tns:primaryCompletionDate>
        <tns:completionDate type="Anticipated">2018-07-15</tns:completionDate>
        <tns:ind>
                <tns:number>111111</tns:number>
                <tns:grantor>CDER</tns:grantor>
                <tns:holderType>NIH</tns:holderType>
```

```
                <tns:nihInstitution>NEI</tns:nihInstitution>
                <tns:expandedAccess>true</tns:expandedAccess>
        <tns:expandedAccessRecord>NCT12345688</tns:expandedAccessRecord>
        </tns:ind>
        <tns:ide>
                <tns:number>222222</tns:number>
                <tns:grantor>CDRH</tns:grantor>
                <tns:holderType>NCI</tns:holderType>
                <tns:nciDivisionProgramCode>CCR</tns:nciDivisionProgramCode>
                <tns:expandedAccess>unknown</tns:expandedAccess>
        </tns:ide>
        <tns:regulatoryInformation>
        <tns:fdaRegulatedDrug>true</tns:fdaRegulatedDrug>
        <tns:fdaRegulatedDevice>true</tns:fdaRegulatedDevice>
        <tns:approvalClearance>false</tns:approvalClearance>
        <tns:marketSurveillance>true</tns:marketSurveillance>
        <tns:usaExport>true</tns:usaExport>
                <tns:fdaRegulated>true</tns:fdaRegulated>
                <tns:section801>true</tns:section801>
                <tns:delayedPosting>false</tns:delayedPosting>
                <tns:dataMonitoringCommitteeAppointed>true</tns:
dataMonitoringCommitteeAppointed>
        </tns:regulatoryInformation>
        <tns:protocolDocument filename="protocol.pdf">dGVzdA==</tns:protocolDocument>
        <tns:irbApprovalDocument filename="irb.pdf">dGVzdA==</tns:irbApprovalDocument>
        <tns:participatingSitesDocument
                filename="sites.pdf">dGVzdA==</tns:participatingSitesDocument>
        <tns:informedConsentDocument filename="consent.pdf">dGVzdA==</tns:
informedConsentDocument>
        <tns:otherDocument filename="other.pdf">dGVzdA==</tns:otherDocument>
        <tns:category>Externally Peer-Reviewed</tns:category>
        <tns:trialOwner>submitter-ci@example.com</tns:trialOwner>
</tns:CompleteTrialRegistration>
```

**Response:**

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<TrialRegistrationConfirmation xmlns="gov.nih.nci.pa.webservices.types"
    xmlns:ns2="gov.nih.nci.po.webservices.types.trimmed">
    <paTrialID>137908558</paTrialID>
    <nciTrialID>NCI-2014-00496</nciTrialID>
</TrialRegistrationConfirmation>
```

## Update a *Complete* Trial

Request to update a *Complete* trial in CTRP.

| | |
|---|---|
| **HTTP Method** | POST |
| **URL** | /trials/complete/**{idType}**/**{trialID}**<br><br>**Parameters**<br><br>**{idType}.** Type of identifier you want to use to identify a trial in CTRP. Possible values: *pa*, *nci*, *ctep*, *dcp*.<br><br>**{trialID}.** Trial identifier value itself. |
| **Request Body** | XML document with `CompleteTrialUpdate`<br><br>**MIME Type**: `application/xml` |
| **Response Body** | XML document with `TrialRegistrationConfirmation`<br><br>**MIME Type:** `application/xml` |

| | |
|---|---|
| **HTTP Response Code** | **200**. Success<br><br>**400**. Validation error (including the condition when you are not allowed to update a particular trial)<br><br>**401**. Invalid username/password or insufficient permissions to access the service.<br><br>**500**. Internal server error |
| **Examples** | **URL:** https://trials-stage.nci.nih.gov/services/trials/complete/nci/NCI-2014-00496<br><br>**Request:**<br><br>`<?xml version="1.0" encoding="UTF-8" standalone="yes"?>`<br>`<tns:CompleteTrialUpdate`<br>`xmlns:tns="gov.nih.nci.pa.webservices.types"`<br>`xmlns:tns1="gov.nih.nci.po.webservices.types.trimmed"`<br>`xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"`<br>`xsi:schemaLocation="gov.nih.nci.pa.webservices.types ../../src/resources/ws.xsd ">`<br><br>`<tns:clinicalTrialsDotGovTrialID>NCT12345678</tns:clinicalTrialsDotGovTrialID>`<br>`<tns:otherTrialID>OTHER00000000001</tns:otherTrialID>`<br>`<tns:accrualDiseaseTerminology>ICD-O-3</tns:accrualDiseaseTerminology>`<br>`<tns:grant>`<br>`<tns:fundingMechanism>C06</tns:fundingMechanism>`<br>`<tns:nihInstitutionCode>AA</tns:nihInstitutionCode>`<br>`<tns:serialNumber>111111</tns:serialNumber>`<br>`<tns:nciDivisionProgramCode>CCR</tns:nciDivisionProgramCode>`<br>`<tns:fundingPercentage>100.0</tns:fundingPercentage>`<br>`</tns:grant>`<br>`<tns:trialStatus>Approved</tns:trialStatus>`<br>`<tns:whyStopped>If study stopped, enter the reason why.</tns:whyStopped>`<br>`<tns:trialStatusDate>2014-07-07</tns:trialStatusDate>`<br>`<tns:trialStartDate type="Actual">2010-01-11</tns:trialStartDate>`<br>`<tns:primaryCompletionDate type="Anticipated">2025-01-01</tns:primaryCompletionDate>`<br>`<tns:completionDate type="Anticipated">2050-01-01</tns:completionDate>`<br>`<tns:protocolDocument filename="protocol_updated.pdf">dGVzdA==</tns:protocolDocument>`<br>`<tns:irbApprovalDocument filename="irb_updated.pdf">dGVzdA==</tns:irbApprovalDocument>`<br>`<tns:participatingSitesDocument`<br>`filename="sites_updated.pdf">dGVzdA==</tns:participatingSitesDocument>`<br>`<tns:informedConsentDocument filename="consent_updated.pdf">dGVzdA==</tns:`<br>`informedConsentDocument>`<br>`<tns:otherDocument filename="other_updated.pdf">dGVzdA==</tns:otherDocument>`<br>`<tns:trialOwner>submitter-ci@example.com</tns:trialOwner>`<br>`</tns:CompleteTrialUpdate>`<br><br>**Response:**<br><br>`<?xml version="1.0" encoding="UTF-8" standalone="yes"?>`<br>`<TrialRegistrationConfirmation xmlns="gov.nih.nci.pa.webservices.types"`<br>`xmlns:ns2="gov.nih.nci.po.webservices.types.trimmed">`<br>`<paTrialID>137908558</paTrialID>`<br>`<nciTrialID>NCI-2014-00496</nciTrialID>`<br>`</TrialRegistrationConfirmation>` |

## Amend a *Complete* Trial

Request to amend a *Complete* trial in CTRP.

| | |
|---|---|
| **HTTP Method** | PUT |

| | |
|---|---|
| **URL** | /trials/complete/**{idType}**/**{trialID}**<br><br>**Parameters**<br><br>**{idType}.** Type of identifier you want to use to identify a trial in CTRP. Possible values: *pa*, *nci*, *ctep*, *dcp*.<br><br>**{trialID}.** Trial identifier value itself. |
| **Request Body** | XML document with<br>`CompleteTrialAmendment`<br><br>**MIME Type**: `application/xml` |
| **Response Body** | XML document with<br>`TrialRegistrationConfirmation`<br><br>**MIME Type**: `application/xml` |
| **HTTP Response Code** | **200**. Success<br><br>**400**. Validation error (including the condition when you are not allowed to amend a particular trial)<br><br>**401**. Invalid username/password or insufficient permissions to access the service.<br><br>**404**. One of the Persons/Organizations acting on the trial was not found in PO<br><br>**500**. Internal server error |
| **Examples** | **URL:** https://trials-stage.nci.nih.gov/services/trials/complete/nci/NCI-2014-00496<br><br>**Request:** |

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<tns:CompleteTrialAmendment
    xmlns:tns="gov.nih.nci.pa.webservices.types"
    xmlns:tns1="gov.nih.nci.po.webservices.types.trimmed"
    xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xsi:schemaLocation="gov.nih.nci.pa.webservices.types ../../src/resources/ws.xsd ">


    <tns:leadOrgTrialID>REST00001</tns:leadOrgTrialID>
    <tns:clinicalTrialsDotGovTrialID>NCT12345678</tns:clinicalTrialsDotGovTrialID>
    <tns:dcpIdentifier>DCP999999999999</tns:dcpIdentifier>
    <tns:otherTrialID>OTHER00000000001</tns:otherTrialID>
    <tns:title>A Phase I Study of REST Trial Amendment</tns:title>
    <tns:phase>I</tns:phase>
    <tns:pilot>false</tns:pilot>
    <tns:accrualDiseaseTerminology>SDC</tns:accrualDiseaseTerminology>
    <tns:primaryPurpose>Other</tns:primaryPurpose>
    <tns:primaryPurposeOtherDescription>Additional description of the trial's purpose</tns:
primaryPurposeOtherDescription>
    <tns:interventionalDesign>
        <tns:secondaryPurpose>Other</tns:secondaryPurpose>
        <tns:secondaryPurposeOtherDescription>Additional description of the trial's purpose<
/tns:secondaryPurposeOtherDescription>
    </tns:interventionalDesign>
    <tns:leadOrganization>
        <tns:existingOrganization>
            <tns:poID>1</tns:poID>
        </tns:existingOrganization>
    </tns:leadOrganization>
    <tns:pi>
        <tns:existingPerson>
            <tns:poID>10</tns:poID>
        </tns:existingPerson>
    </tns:pi>
    <tns:sponsor>
        <tns:existingOrganization>
            <tns:poID>2</tns:poID>
        </tns:existingOrganization>
    </tns:sponsor>
    <tns:responsibleParty>
        <tns:type>Sponsor</tns:type>
```

```
    </tns:responsibleParty>
    <tns:summary4FundingSponsor>
        <tns:existingOrganization>
            <tns:poID>3</tns:poID>
        </tns:existingOrganization>
    </tns:summary4FundingSponsor>
    <tns:programCode>PG00002</tns:programCode>
    <tns:fundedByNciGrant>false</tns:fundedByNciGrant>
    <tns:grant>
        <tns:fundingMechanism>B01</tns:fundingMechanism>
        <tns:nihInstitutionCode>AA</tns:nihInstitutionCode>
        <tns:serialNumber>111111</tns:serialNumber>
        <tns:nciDivisionProgramCode>CCR</tns:nciDivisionProgramCode>
        <tns:fundingPercentage>100.0</tns:fundingPercentage>
    </tns:grant>
    <tns:trialStatus>In Review</tns:trialStatus>
    <tns:whyStopped>If study stopped, enter the reason why.</tns:whyStopped>
    <tns:trialStatusDate>2014-07-15</tns:trialStatusDate>
    <tns:trialStartDate type="Actual">2014-07-15</tns:trialStartDate>
    <tns:primaryCompletionDate type="Anticipated">2018-07-15</tns:primaryCompletionDate>
    <tns:completionDate type="Anticipated">2018-07-15</tns:completionDate>
    <tns:ind>
        <tns:number>111111</tns:number>
        <tns:grantor>CDER</tns:grantor>
        <tns:holderType>NIH</tns:holderType>
        <tns:nihInstitution>NEI</tns:nihInstitution>
        <tns:expandedAccess>true</tns:expandedAccess>
        <tns:expandedAccessRecord>NCT12345688</tns:expandedAccessRecord>
    </tns:ind>
    <tns:ide>
        <tns:number>222222</tns:number>
        <tns:grantor>CDRH</tns:grantor>
        <tns:holderType>NCI</tns:holderType>
        <tns:nciDivisionProgramCode>CCR</tns:nciDivisionProgramCode>
        <tns:expandedAccess>unknown</tns:expandedAccess>
    </tns:ide>
    <tns:regulatoryInformation>
        <tns:fdaRegulatedDrug>true</tns:fdaRegulatedDrug>
        <tns:fdaRegulatedDevice>true</tns:fdaRegulatedDevice>
        <tns:approvalClearance>true</tns:approvalClearance>
        <tns:marketSurveillance>true</tns:marketSurveillance>
        <tns:usaExport>true</tns:usaExport>
        <tns:fdaRegulated>true</tns:fdaRegulated>
        <tns:section801>true</tns:section801>
        <tns:delayedPosting>false</tns:delayedPosting>
        <tns:dataMonitoringCommitteeAppointed>true</tns:dataMonitoringCommitteeAppointed>
    </tns:regulatoryInformation>
    <tns:protocolDocument filename="protocol.pdf">dGVzdA==</tns:protocolDocument>
    <tns:irbApprovalDocument filename="irb.pdf">dGVzdA==</tns:irbApprovalDocument>
    <tns:participatingSitesDocument
        filename="sites.pdf">dGVzdA==</tns:participatingSitesDocument>
    <tns:informedConsentDocument filename="consent.pdf">dGVzdA==</tns:informedConsentDocument>
    <tns:otherDocument filename="other.pdf">dGVzdA==</tns:otherDocument>
    <tns:amendmentNumber>99</tns:amendmentNumber>
    <tns:amendmentDate>2014-08-01</tns:amendmentDate>
    <tns:ctepIdentifier>CTEP99999999</tns:ctepIdentifier>
    <tns:changeMemoDocument filename="memo.pdf">dGVzdA==</tns:changeMemoDocument>
    <tns:protocolHighlightDocument filename="high.pdf">dGVzdA==</tns:protocolHighlightDocument>
</tns:CompleteTrialAmendment>
```

**Response:**

```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<TrialRegistrationConfirmation xmlns="gov.nih.nci.pa.webservices.types"
    xmlns:ns2="gov.nih.nci.po.webservices.types.trimmed">
    <paTrialID>137908558</paTrialID>
    <nciTrialID>NCI-2014-00496</nciTrialID>
</TrialRegistrationConfirmation>
```