



# Presentation data management via CTI API

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## Summary

The following functions are made available for retrieving presentation information for requested CTI-Id.

## For all options

### Headers

Accept: application/json  
AUTHKEY: <Will be provided by CTI>  
USERKEY: <Will be provided by CTI>  
ContentType: application/json

### Variables

cti\_env – sandbox *or* www  
cti\_meeting\_id - <Will be provided by CTI>

### Query Parameters

CTI\_SessionId – int  
CTI\_PresentationId – int

## Request Limits

The limits are currently set to:

1. CREATES to 100reqs/1min
2. UPDATES to 1req/1min
3. GET to 3req/60min
4. DELETE to 3req/60min

These limits are applied at the complete URL of the endpoint. Ex:

<https://sandbox.abstractsonline.com/capi/meeting/1234/sessions/265/presentations/6816> can be called with the above-mentioned limits across the different “methods”.

## Rules and Enforcements

There are few rules to adhere to for the CREATE and UPDATE endpoints for presentations.

- i. Presentation start and end date times need to be within the meeting start and end date times
- ii. Presenter’s key needs to be included in the author array in addition to the “presenterKey” field
- iii. Activity cannot be changed in this version of the cAPI.

## Options

### 1. Get individual presentation

*Method*  
GET

URL

https://{cti\_env}.abstractsonline.com/oe3/capi/meeting/{cti\_meeting\_id}/sessions/{CTI\_Session Id}/presentations/{CTI\_Presentation\_Id}

BODY

<Blank>

Responses

200 – Success (Presentation details for requested id)

```
{
  "Abstract": "<b>Introduction:</b> This is a paucity of literature assessing
the interaction of patient, socioeconomic, and community factors on breast
cancer care.",
  "Activity": "Scientific Forum",
  "AdditionalFields": [
    {
      "Key": "Topics",
      "Value": "Breast"
    },
    {
      "Key": "Career",
      "Value": "Fellow (does not mean FACS)"
    },
    {
      "Key": "ResearchTypes",
      "Value": "Clinical Research"
    }
  ],
  "Authors": [
    "430e4518-861d-45c4-b1b5-b8fef46cf2fa",
    "f0ad9dd0-351a-4ed5-86f1-038692846651",
    "75be6e4e-8ef0-4403-8a21-2777b19b76dc",
    "f214a92e-34a1-4bcc-85f7-738de5bc7efc",
    "6e299d40-c95c-45e5-9f12-4a5a5174e99e"
  ],
  "EmbargoContentRule": "",
  "EmbargoContentUntil": "10/25/2021 8:30:00 AM",
  "End": "10/25/2021 8:59:00 AM",
  "Id": "6086",
  "Key": "43aa2ea9-8af1-412b-8192-fbef02eea0b4",
  "MediaSource": "None",
  "MediaSourceDetails": null,
  "PosterboardNumber": "",
  "PresentationAdditionalFields": [
    {
      "Key": "Test Presentation Extra Field",
      "Value": "Hello World"
    }
  ]
}
```

```

    }
  ],
  "PresentationNumber": "",
  "PresenterKey": "ac72a363-d111-4cad-a71e-b3ebcaf5b57e",
  "PrimaryMediaItemKey": null,
  "SessionId": "65",
  "Start": "10/25/2021 8:33:00 AM",
  "ThumbnailUrl": null,
  "Title": "Test Pres Title"
}

```

## 2. Create presentation

### *Method*

POST

### *URL*

[https://{cti\\_env}.abstractsonline.com/oe3/capi/meeting/{cti\\_meeting\\_id}/sessions/{CTI\\_SessionId}/presentations](https://{cti_env}.abstractsonline.com/oe3/capi/meeting/{cti_meeting_id}/sessions/{CTI_SessionId}/presentations)

### *BODY*

```

{
  "Abstract": "<b>Introduction:</b> This is a paucity of literature assessing
the interaction of patient, socioeconomic, and community factors on breast
cancer care.",
  "Activity": "Scientific Forum",
  "AdditionalFields": [
    {
      "Key": "Topics",
      "Value": "Breast"
    },
    {
      "Key": "Career",
      "Value": "Fellow (does not mean FACS)"
    },
    {
      "Key": "ResearchTypes",
      "Value": "Clinical Research"
    }
  ],
  "Authors": [
    "430e4518-861d-45c4-b1b5-b8fef46cf2fa",
    "f0ad9dd0-351a-4ed5-86f1-038692846651",
    "75be6e4e-8ef0-4403-8a21-2777b19b76dc",
    "f214a92e-34a1-4bcc-85f7-738de5bc7efc",

```

```

        "6e299d40-c95c-45e5-9f12-4a5a5174e99e"
    ],
    "EmbargoContentRule": "",
    "EmbargoContentUntil": "10/25/2021 8:30:00 AM",
    "End": "10/25/2021 8:59:00 AM",

    "MediaSource": "None",
    "MediaSourceDetails": null,
    "PosterboardNumber": "",
    "PresentationAdditionalFields": [
        {
            "Key": "Test Presentation Extra Field",
            "Value": "Hello World"
        }
    ],
    "PresentationNumber": "",
    "PresenterKey": "ac72a363-d111-4cad-a71e-b3ebcaf5b57e",
    "PrimaryMediaItemKey": null,
    "SessionId": "65",
    "Start": "10/25/2021 8:33:00 AM",
    "ThumbnailUrl": null,
    "Title": "Test Pres Title"
}

```

## Responses

### 200 – Success (Presentation details for one that was created)

```

{
    "Abstract": "<b>Introduction:</b> This is a paucity of literature assessing
the interaction of patient, socioeconomic, and community factors on breast
cancer care.",
    "Activity": "Scientific Forum",
    "AdditionalFields": [
        {
            "Key": "Topics",
            "Value": "Breast"
        },
        {
            "Key": "Career",
            "Value": "Fellow (does not mean FACS)"
        },
        {
            "Key": "ResearchTypes",
            "Value": "Clinical Research"
        }
    ],
}

```

```

    "Authors": [
      "430e4518-861d-45c4-b1b5-b8fef46cf2fa",
      "f0ad9dd0-351a-4ed5-86f1-038692846651",
      "75be6e4e-8ef0-4403-8a21-2777b19b76dc",
      "f214a92e-34a1-4bcc-85f7-738de5bc7efc",
      "6e299d40-c95c-45e5-9f12-4a5a5174e99e"
    ],
    "EmbargoContentRule": "",
    "EmbargoContentUntil": "10/25/2021 8:30:00 AM",
    "End": "10/25/2021 8:59:00 AM",
    "Id": "6086",
    "Key": "43aa2ea9-8af1-412b-8192-fbef02eea0b4",
    "MediaSource": "None",
    "MediaSourceDetails": null,
    "PosterboardNumber": "",
    "PresentationAdditionalFields": [
      {
        "Key": "Test Presentation Extra Field",
        "Value": "Hello World"
      }
    ],
    "PresentationNumber": "",
    "PresenterKey": "ac72a363-d111-4cad-a71e-b3ebcaf5b57e",
    "PrimaryMediaItemKey": null,
    "SessionId": "65",
    "Start": "10/25/2021 8:33:00 AM",
    "ThumbnailUrl": null,
    "Title": "Test Pres Title"
  }
}

```

### 3. Update presentation

*Method*

PATCH

*URL*

[https://{cti\\_env}.abstractsonline.com/oe3/capi/meeting/{cti\\_meeting\\_id}/sessions/{CTI\\_SessionId}/presentations/{CTI\\_Presentation\\_Id}](https://{cti_env}.abstractsonline.com/oe3/capi/meeting/{cti_meeting_id}/sessions/{CTI_SessionId}/presentations/{CTI_Presentation_Id})

*BODY*

```

{
  "Abstract": "<b>Introduction:</b> This is a paucity of literature assessing the interaction of patient, socioeconomic, and community factors on breast cancer care.",
  "Authors": [
    "10069a80-ac1c-4508-a8aa-1e51371b8e21",

```

```

        "08bb9b2c-07b6-44a3-8334-6849786c7682"
    ],
    "End": "10/25/2021 9:00:00 AM",
    "PresentationNumber": "",
    "PresenterKey": "08bb9b2c-07b6-44a3-8334-6849786c7682",
    "Title": "Test Pres Title - UPDATED"
}

```

## Responses

### 200 – Success (Updated information for the presentation)

```

{
    "Abstract": "<b>Introduction:</b> This is a paucity of literature assessing
the interaction of patient, socioeconomic, and community factors on breast
cancer care.",
    "Activity": "Scientific Forum",
    "AdditionalFields": [
        {
            "Key": "Topics",
            "Value": "Breast"
        },
        {
            "Key": "Career",
            "Value": "Fellow (does not mean FACS)"
        },
        {
            "Key": "ResearchTypes",
            "Value": "Clinical Research"
        }
    ],
    "Authors": [
        "430e4518-861d-45c4-b1b5-b8fef46cf2fa",
        "f0ad9dd0-351a-4ed5-86f1-038692846651",
        "75be6e4e-8ef0-4403-8a21-2777b19b76dc",
        "f214a92e-34a1-4bcc-85f7-738de5bc7efc",
        "6e299d40-c95c-45e5-9f12-4a5a5174e99e"
    ],
    "EmbargoContentRule": "",
    "EmbargoContentUntil": "10/25/2021 8:30:00 AM",
    "End": "10/25/2021 8:59:00 AM",
    "Id": "6086",
    "Key": "43aa2ea9-8af1-412b-8192-fbef02eea0b4",
    "MediaSource": "None",
    "MediaSourceDetails": null,
    "PosterboardNumber": "",
    "PresentationAdditionalFields": [
        {

```



```

        "Key": "Test Presentation Extra Field",
        "Value": "Hello World"
    }
],
    "PresentationNumber": "",
    "PresenterKey": "ac72a363-d111-4cad-a71e-b3ebcaf5b57e",
    "PrimaryMediaItemKey": null,
    "SessionId": "65",
    "Start": "10/25/2021 8:33:00 AM",
    "ThumbnailUrl": null,
    "Title": "Test Pres Title - UPDATED"
}

```

#### 4. Get all presentations

##### *Method*

GET

##### *URL*

https://[cti\_env].abstractsonline.com/oe3/capi/meeting/{cti\_meeting\_id}/sessions/{CTI\_SessionId}/presentations

##### *BODY*

<Blank>

##### *Responses*

200 – Success (Array of all Presentations)

```

[
  {
    "Abstract": "<b>Introduction:</b> This is a paucity of literature assessing the interaction of patient, socioeconomic, and community factors on breast cancer care.",
    "Activity": "Scientific Forum",
    "AdditionalFields": [
      {
        "Key": "Topics",
        "Value": "Breast"
      },
      {
        "Key": "Career",
        "Value": "Fellow (does not mean FACS)"
      },
      {
        "Key": "ResearchTypes",
        "Value": "Clinical Research"
      }
    ]
  },
]

```

```

"Authors": [
  "430e4518-861d-45c4-b1b5-b8fef46cf2fa",
  "f0ad9dd0-351a-4ed5-86f1-038692846651",
  "75be6e4e-8ef0-4403-8a21-2777b19b76dc",
  "f214a92e-34a1-4bcc-85f7-738de5bc7efc",
  "6e299d40-c95c-45e5-9f12-4a5a5174e99e"
],
"EmbargoContentRule": "",
"EmbargoContentUntil": "10/25/2021 8:30:00 AM",
"End": "10/25/2021 8:59:00 AM",
"Id": "6086",
"Key": "43aa2ea9-8af1-412b-8192-fbef02eea0b4",
"MediaSource": "None",
"MediaSourceDetails": null,
"PosterboardNumber": "",
"PresentationAdditionalFields": [
  {
    "Key": "Test Presentation Extra Field",
    "Value": "Hello World"
  }
],
"PresentationNumber": "",
"PresenterKey": "ac72a363-d111-4cad-a71e-b3ebcaf5b57e",
"PrimaryMediaItemKey": null,
"SessionId": "65",
"Start": "10/25/2021 8:33:00 AM",
"ThumbnailUrl": null,
"Title": "Test Pres Title - UPDATED"
},
{
  "Abstract": "<b>Introduction:</b> This is a paucity of literature
  assessing the interaction of patient, socioeconomic, and community
  factors on breast cancer care.",
  "Activity": "Scientific Forum",
  "AdditionalFields": [
    {
      "Key": "Topics",
      "Value": "Breast"
    },
    {
      "Key": "Career",
      "Value": "Fellow (does not mean FACS)"
    },
    {
      "Key": "ResearchTypes",
      "Value": "Clinical Research"
    }
  ]
},

```

```

    "Authors": [
      "430e4518-861d-45c4-b1b5-b8fef46cf2fa",
      "f0ad9dd0-351a-4ed5-86f1-038692846651",
      "75be6e4e-8ef0-4403-8a21-2777b19b76dc",
      "f214a92e-34a1-4bcc-85f7-738de5bc7efc",
      "6e299d40-c95c-45e5-9f12-4a5a5174e99e"
    ],
    "EmbargoContentRule": "",
    "EmbargoContentUntil": "10/25/2021 8:30:00 AM",
    "End": "10/25/2021 8:59:00 AM",
    "Id": "6086",
    "Key": "43aa2ea9-8af1-412b-8192-fbef02eea0b4",
    "MediaSource": "None",
    "MediaSourceDetails": null,
    "PosterboardNumber": "",
    "PresentationAdditionalFields": [
      {
        "Key": "Test Presentation Extra Field",
        "Value": "Hello World"
      }
    ],
    "PresentationNumber": "",
    "PresenterKey": "ac72a363-d111-4cad-a71e-b3ebcaf5b57e",
    "PrimaryMediaItemKey": null,
    "SessionId": "65",
    "Start": "10/25/2021 8:33:00 AM",
    "ThumbnailUrl": null,
    "Title": "Test Pres Title - UPDATED"
  }
]

```

##### 5. Removing presentation from session

**NOTE:** This action will remove the connected media items and could affect an already published program.

*Method*

DELETE

*URL*

[https://{cti\\_env}.abstractsonline.com/oe3/capi/meeting/{cti\\_meeting\\_id}/sessions/{CTI\\_SessionId}/Presentations/{CTI\\_PresentationId}](https://{cti_env}.abstractsonline.com/oe3/capi/meeting/{cti_meeting_id}/sessions/{CTI_SessionId}/Presentations/{CTI_PresentationId})

*BODY*

<Blank>

## Responses

### 200 – Success

```
{
  "Details": null,
  "Message": "Deleted",
  "Reference": null,
  "ReferenceObject": null,
  "Severity": "Info"
}
```

## 6. Get presentation media

**NOTE:** In cases of the media item in the response being one of the conversions, its “Created” and “LastUpdated” would be the same value as the item’s “original” media item.

### Method

GET

### URL

[https://{cti\\_env}.abstractsonline.com/oe3/capi/meeting/{cti\\_meeting\\_id}/sessions/{CTI\\_SessionId}/Presentations/{CTI\\_PresentationId}/media](https://{cti_env}.abstractsonline.com/oe3/capi/meeting/{cti_meeting_id}/sessions/{CTI_SessionId}/Presentations/{CTI_PresentationId}/media)

### BODY

<Blank>

## Responses

### 200 – Success

```
[
  {
    "Created": "2021-09-24T01:11:58.620Z",
    "Format": "pdf",
    "IsOriginal": true,
    "LastUpdated": "2021-09-24T01:15:18.427Z",
    "MediaItemKey": "1867145a-3457-404a-b294-ba5287f78fc7",
    "Type": "PDF - With Thumbnail Conversion",
    "Url": "https://integration.abstractsonline.com/oe3/capi/meeting/069524b5-d500-44a4-9993-0f5ac8f91551/sessions/1855a855-5b6d-4849-9426-cda3f77ece5d/presentations/1277/media/1867145a-3457-404a-b294-ba5287f78fc7/original"
  },
  {
    "Created": "2021-09-24T01:11:58.620Z",
    "Format": "jpg",
    "IsOriginal": false,
    "LastUpdated": "2021-09-24T01:15:18.427Z",
    "MediaItemKey": "1867145a-3457-404a-b294-ba5287f78fc7",
    "Type": "PDF - With Thumbnail Conversion",
  }
]
```

```

        "Url": "https://integration.abstractsonline.com/oe3/capi/meeting/069524b5-d500-44a4-9993-0f5ac8f91551/sessions/1855a855-5b6d-4849-9426-cda3f77ece5d/presentations/1277/media/1867145a-3457-404a-b294-ba5287f78fc7/jpg/0.jpg"
    }
]

```

#### Response Fields

- *Format*: Format of the media item.
- *IsOriginal*: Flag denoting if it is the original file or one of the configured conversions
- *MediaItemKey*: Key of the media item
- *Type*: Name of the media item type setup in CTI
- *Url*: URL for the file location.
  - Can be downloaded if the request header is setup to “follow” 302 and the “AUTHKEY” and “USERKEY” headers are provided
  - Alternatively, the downloadable URL is available in the “Location” element of the response header

## 7. Get all presentations updated after particular date/time

#### Method

GET

#### URL

https://[cti\_env].abstractsonline.com/oe3/capi/meeting/[cti\_meeting\_id]/sessions/[CTI\_SessionId]/presentations?pageSize={page\_size}&from={utc\_date\_time}

#### BODY

<Blank>

#### Responses

##### 200 – Success (Array of all Presentations)

Array of all session with the Urls to their API endpoint for details

```

[
  {
    "Id": "77b13d90-6674-4afa-8798-00142712eb4a",
    "LastUpdated": "2022-07-07T22:27:22.863Z",
    "PageMarker": "2022-07-07T22:27:22.863Z_77b13d90-6674-4afa-8798-00142712eb4a",
    "Url": "https://www.abstractsonline.com/oe3/capi/meeting/49d7895c-51c7-44ec-b5c6-f931580512b6/sessions/9c5324a0-0ea4-4988-925f-34a408c4d7aa/presentations/77b13d90-6674-4afa-8798-00142712eb4a"
  },
  {
    "Id": "e1fb78df-307d-4553-bd45-001d33064684",
    "LastUpdated": "2022-07-07T22:27:22.863Z",
    "PageMarker": "2022-07-07T22:27:22.863Z_e1fb78df-307d-4553-bd45-001d33064684",

```

```

        "Url": "https://www.abstractsonline.com/oe3/capi/meeting/49d7895c-51c7-44ec-
b5c6-f931580512b6/sessions/51addb7c-9479-468b-a948-afff911f01de/presentations/e1fb78df-
307d-4553-bd45-001d33064684"
    },
    {
        "Id": "7b654130-d907-4611-bdbb-001f97930aa3",
        "LastUpdated": "2022-07-07T22:27:22.863Z",
        "PageMarker": "2022-07-07T22:27:22.863Z_7b654130-d907-4611-bdbb-001f97930aa3",
        "Url": "https://www.abstractsonline.com/oe3/capi/meeting/49d7895c-51c7-44ec-
b5c6-f931580512b6/sessions/b6e4e18c-3cb1-4e7c-a533-ff4336b07571/presentations/7b654130-
d907-4611-bdbb-001f97930aa3"
    },
    {
        "Id": "66e7f085-866a-43cb-90bc-00271f66e0bb",
        "LastUpdated": "2022-07-07T22:27:22.863Z",
        "PageMarker": "2022-07-07T22:27:22.863Z_66e7f085-866a-43cb-90bc-00271f66e0bb",
        "Url": "https://www.abstractsonline.com/oe3/capi/meeting/49d7895c-51c7-44ec-
b5c6-f931580512b6/sessions/2922d006-f74f-4589-a655-f93c399d8832/presentations/66e7f085-
866a-43cb-90bc-00271f66e0bb"
    },
    {
        "Id": "03ffa937-1f25-412b-971e-0028c652c6b4",
        "LastUpdated": "2022-07-07T22:27:22.863Z",
        "PageMarker": "2022-07-07T22:27:22.863Z_03ffa937-1f25-412b-971e-0028c652c6b4",
        "Url": "https://www.abstractsonline.com/oe3/capi/meeting/49d7895c-51c7-44ec-
b5c6-f931580512b6/sessions/23d68f79-4abd-4846-9efc-bedfbe661640/presentations/03ffa937-
1f25-412b-971e-0028c652c6b4"
    }
}
]

```

## Media File Conversions

### Retrieving Current PDFs

The CAPI allows for retrieving various media items associated with a presentation, including converted PDFs. In the below example, the item with "fileName": "presentation\_converted.pdf" and "IsOriginal": false is the converted PDF file.

**Note:** Currently, it is not possible to call for just the converted files. Users need to retrieve all media items and filter the results to find the converted PDF.

**Reference:** To get the converted PDF, locate the PDF in the list of files where **IsOriginal** is set to False.

```

BODY
[
  {
    "fileName": "presentation_original.pptx",
    "IsOriginal": true,
    ...
  }
]

```

```

    },
    {
      "fileName": "presentation_converted.pdf",
      "IsOriginal": false,
      ...
    },
    {
      "fileName": "presentation_thumbnail.png",
      "IsOriginal": false,
      ...
    }
  ]

```

## Fields and Sizes

### Considerations

- Please pass only fields that are required or need to be updated for any of the above functions.
- Sending a *null* for any of the values will keep the CTI value and ignore the field during an update
- Sending a blank string ("" ) will update the CTI value to a blank string
- Currently, updating session extra data fields is not available through the PATCH process in cAPI

Field	Data Type	Length	Required?	Description/Comments
Abstract	string	max	Yes	HTML friendly field for the abstract body
Activity	string	50	Yes	Activity Name – available only during the Create method. Cannot be changed currently.
Authors	[uniqueidentifier]		Yes	JSON array of person-keys of authors – <u>including</u> the “presenter”
End	datetime			Meeting location related datetime
Id	int			<Read-only> - CTI managed Presentation Id
PosterboardNumber	string			
PresentationNumber	string			Client owned alphanumeric value to display in application
PresenterKey	uniqueidentifier	25		Person-key of the presenter
SessionId	int			<Read-only>

Start	datetime			Meeting location related datetime
Title	string	1200	Yes	HTML title for the presentation