

## GRP 6 Analysing Project Data

### PURPOSE OF THE PROCEDURE

To outline the steps required to access and download data from the central project for analysis.

### APPLICABILITY

This procedure applies to people performing analysis of trial data for clinical trials supported by the Australian Centre for Quantitative Imaging/Australian Imaging Service.

### RELATED PROCEDURES

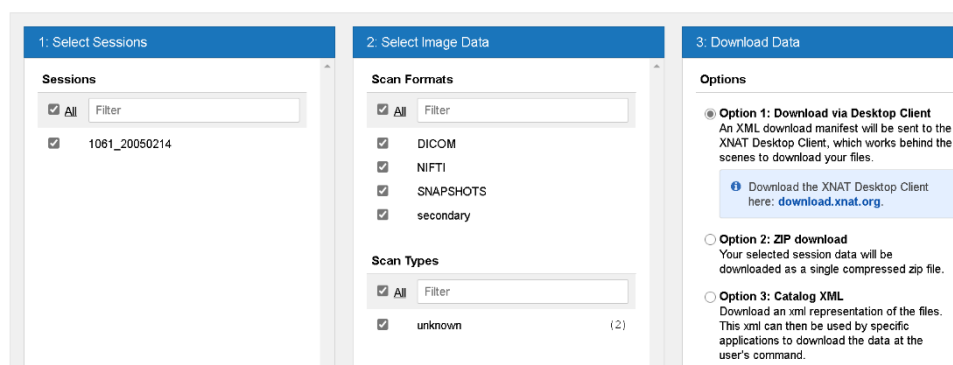
Procedure Number	Scope
GRP1	Gaining Access to XNAT
GRP2	Managing a project
GRP3	Preparing Data for Upload to XNAT
GRP4	Uploading Data to XNAT
GRP5	Performing Data Review

### PROCEDURES

#### Accessing Data from an email notification

- Click on the link provided in the notification email.
- Log into XNAT
- Select the scans you would like to download from the middle pane if you do not want all

#### Imaging Data Download



The screenshot shows the 'Imaging Data Download' interface with three main panes:

- 1. Select Sessions:** A list of sessions with a search filter. One session is selected: '1061\_20050214'.
- 2. Select Image Data:** A list of scan formats and types. Under 'Scan Formats', 'DICOM', 'NIFTI', 'SNAPSHOTS', and 'secondary' are checked. Under 'Scan Types', 'unknown' is checked, with a count of '(2)'.
- 3. Download Data:** Three options are available:
  - Option 1: Download via Desktop Client:** Selected. Description: 'An XML download manifest will be sent to the XNAT Desktop Client, which works behind the scenes to download your files.' A button links to 'Download the XNAT Desktop Client here: [download.xnat.org](http://download.xnat.org)'.
  - Option 2: ZIP download:** Description: 'Your selected session data will be downloaded as a single compressed zip file.'
  - Option 3: Catalog XML:** Description: 'Download an xml representation of the files. This xml can then be used by specific applications to download the data at the user's command.'

- Select the desired download option from the list on the right then click submit
  - **Option 1 using the desktop client:** The desktop client allows you to see download progress and to pause, resume or cancel transfers
    - Ensure the desktop client is installed. If it hasn't then you can use the link provided under Option One in the XNAT download interface as per the screenshot above to download it.

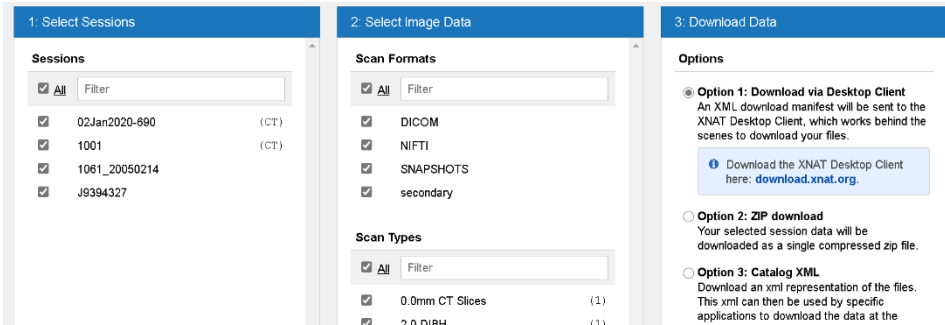
- After pressing submit a popup box will appear. Click the “Download Via App” button.
- If a warning box appears to let you know that the site is trying to open the desktop uploader click “Open”.
- The desktop uploader should now be launched and the following pop-up appear. Choose a download destination then click “Download”.

- **Option 2 using the zip downloader:** This option allows you to download via the browser.
  - Select Option 2 and then click “Submit”
  - A popup will appear. Click “Download Zip”
  - Depending on your browser settings the download will either start or you will be asked what location you would like to download to.
- **Option 3 downloading an XML catalogue:** This option allows you to download a catalogue that can be used to download via an app. For example you can use it to download via the Desktop Client. At the moment this option is most likely to be useful if you would like to select files that you want another XNAT user to download. You can then email them the digest and they can use it in their desktop client to download the files you selected.
  - Select Option 3 and click “Submit”
  - A popup will appear. Click “Download XML”
  - Your XML will now download or you will be asked to select a location to save it to depending on your browser settings.

### *Accessing Data directly from XNAT*

- Log into XNAT
- Select the project you would like to download data from
- Click “Download Images” from the “Actions” menu on the right.

- Select the sessions you would like to download from pane 1



- Select a subset of the imaging data if desired from panel 2
- Select your download method from panel 3. Follow instructions as per the instructions in “accessing data from an email notification” above for the desired download option.

## DOCUMENT HISTORY

Author	Version	Effective Date	Changes
Angel Kennedy	1	21/03/22	Initial release
Christel Norman	2	13/02/23	Update to add ACQI logo and review document