

Image Data Transfer: Osmosis 2.0

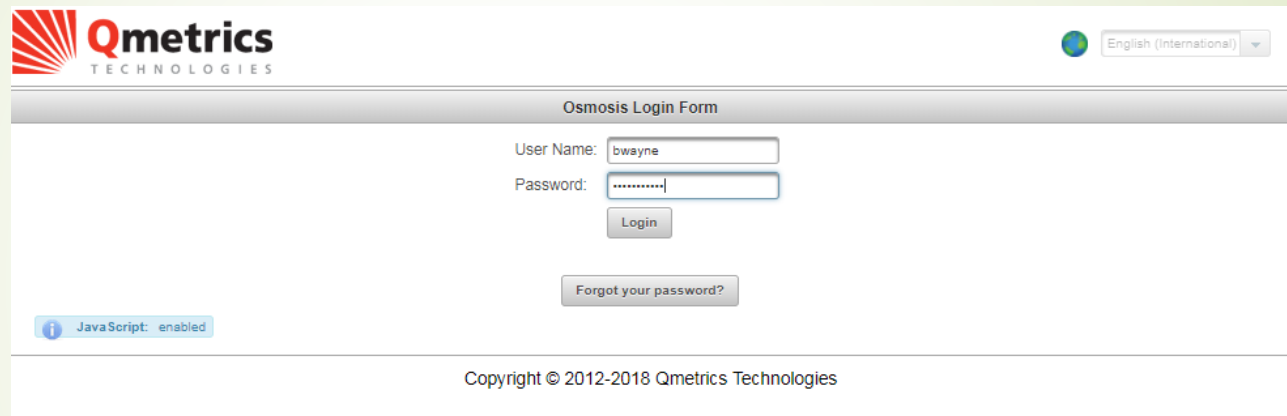
Upload Procedure
Internet-enabled computer system for upload of data



Anika – FastTRACK Hyalofast

Image Data Transfer to Qmetrics

<https://web.qmetricstech.com/040-0003/>



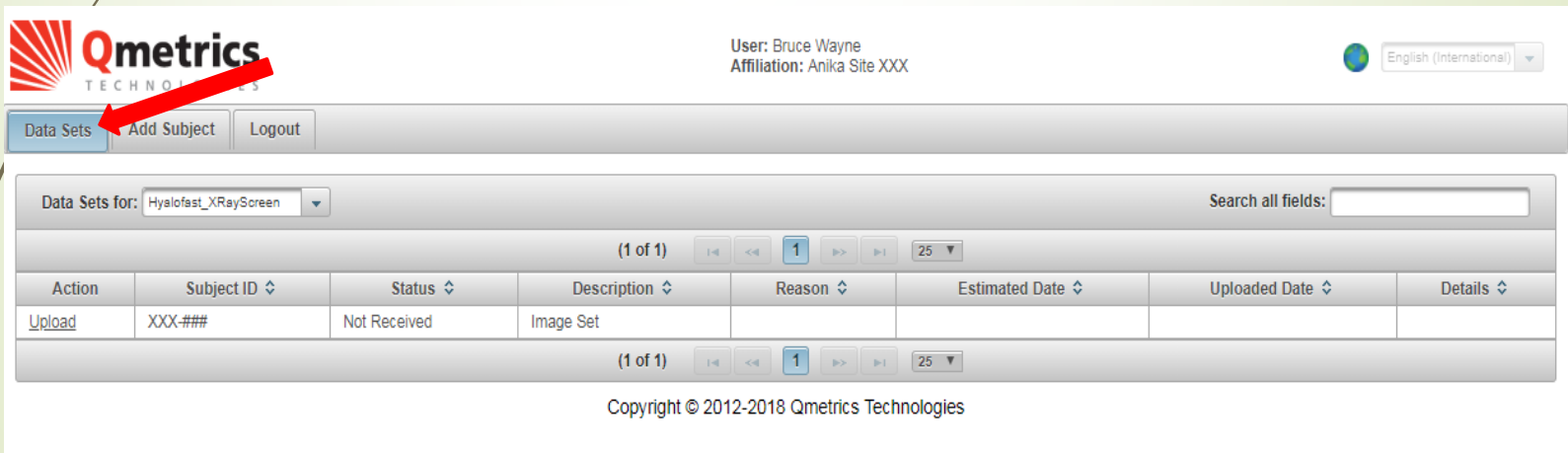
The screenshot shows the Qmetrics Technologies logo in the top left corner and a language dropdown menu in the top right corner set to "English (International)". The main heading is "Osmosis Login Form". Below this, there are two input fields: "User Name:" with the value "bwayne" and "Password:" with a masked password ".....". A "Login" button is positioned below the password field. A "Forgot your password?" link is located below the "Login" button. At the bottom left of the form area, there is a status message: "JavaScript: enabled". The footer of the page contains the text "Copyright © 2012-2018 Qmetrics Technologies".

Enter username and password- Qmetrics will provide.

NOTE : we recommend using Google Chrome for this process

Osmosis Introduction

- You will be taken to the Data Sets tab upon sign-in
- This tab shows everything that has been uploaded from your site



The screenshot displays the Qmetrics Technologies web application interface. At the top left is the Qmetrics logo. The top right shows the user's name 'User: Bruce Wayne' and affiliation 'Affiliation: Anika Site XXX', along with a language dropdown set to 'English (International)'. Below the header is a navigation bar with buttons for 'Data Sets', 'Add Subject', and 'Logout'. A red arrow points to the 'Data Sets' button. The main content area shows a search bar for 'Data Sets for:' with the value 'Hyalofast_XRayScreen'. Below this is a table with one row of data. The table has columns for Action, Subject ID, Status, Description, Reason, Estimated Date, Uploaded Date, and Details. The row shows an 'Upload' action for subject ID 'XXX.###' with a status of 'Not Received' and a description of 'Image Set'. Navigation controls for the table are visible above and below the table, showing '(1 of 1)' items and a page size of '25'.

Action	Subject ID	Status	Description	Reason	Estimated Date	Uploaded Date	Details
Upload	XXX.###	Not Received	Image Set				

Copyright © 2012-2018 Qmetrics Technologies

Osmosis Introduction

- You can now sort the Data Sets tab so that it only shows the type of data set you want to see



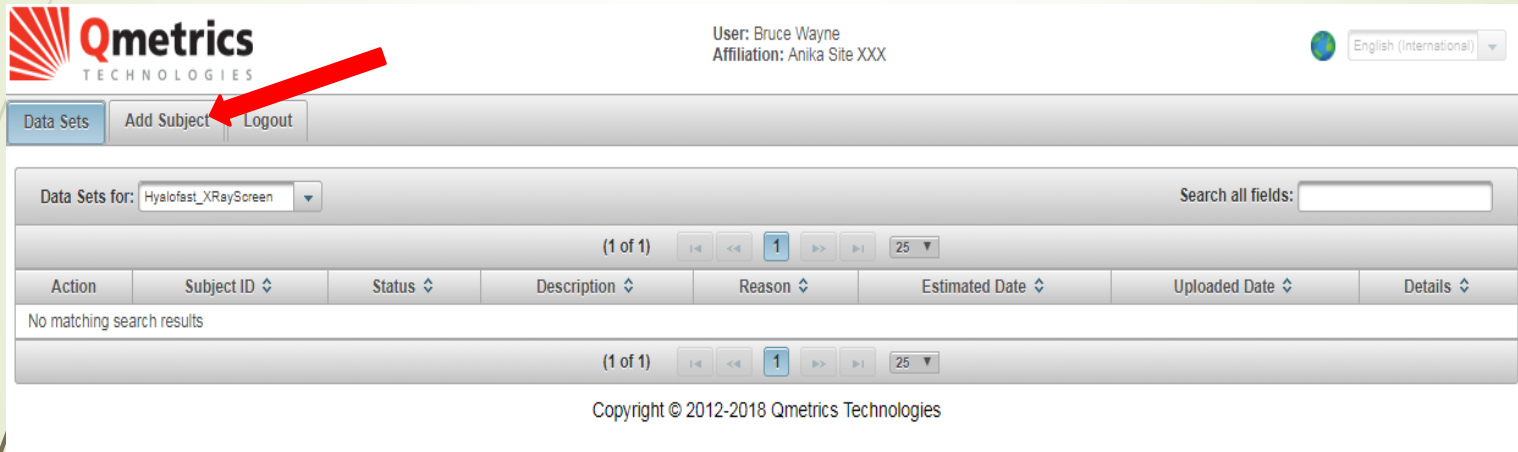
The screenshot displays the Qmetrics Technologies web application interface. At the top left is the Qmetrics logo. The top right shows the user information: "User: Bruce Wayne" and "Affiliation: Anika Site XXX", along with a language dropdown set to "English (International)". Below the header is a navigation bar with buttons for "Data Sets", "Add Subject", and "Logout". The main content area features a "Data Sets for:" dropdown menu currently set to "Hyalofast_XRayScreen", with a red arrow pointing to it. A search bar labeled "Search all fields:" is to the right. Below the dropdown is a table with one row of data. The table has columns for "Action", "Status", "Description", "Reason", "Estimated Date", "Uploaded Date", and "Details". The "Action" column contains an "Upload" link. The "Status" column shows "Received", "Description" shows "Image Set", and "Reason" is empty. Below the table is a pagination control showing "(1 of 1)" and page numbers 1 and 25.

Action	Status	Description	Reason	Estimated Date	Uploaded Date	Details
Upload	Received	Image Set				

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Adding a Line Item

- Click on the “Add Subject” tab



Qmetrics
TECHNOLOGIES

User: Bruce Wayne
Affiliation: Anika Site XXX

English (International)

Data Sets | **Add Subject** | Logout

Data Sets for: Hyalofast_XRayScreen Search all fields:

(1 of 1) |< << 1 >> >| 25 ▾

Action	Subject ID	Status	Description	Reason	Estimated Date	Uploaded Date	Details
No matching search results							

(1 of 1) |< << 1 >> >| 25 ▾

Copyright © 2012-2018 Qmetrics Technologies

Adding a Line Item

- Select the correct project from the drop down menu, depending on what you're uploading

The screenshot shows the Qmetrics Technologies web application interface. At the top left is the Qmetrics logo. At the top right, it displays the user information: "User: Bruce Wayne" and "Affiliation: Anika Site XXX", along with a language dropdown menu set to "English (International)". Below the header is a navigation bar with buttons for "Data Sets", "Add Subject", and "Logout". The main content area features a button labeled "Add A New Subject". To the right of this button is a form with three dropdown menus: "Project: *", "Site: *", and "Subject: *". The "Project" dropdown is currently open, showing four options: "Hyalofast_XRayScreen", "Hyalofast_MRI_StudyData", "Hyalofast_MRIScreen", and "Hyalofast_XRayScreen". Two callout boxes are present: one pointing to "Hyalofast_MRI_StudyData" with the text "MRI Study Data", and another pointing to "Hyalofast_MRIScreen" with the text "MRI Screening, UAL/ACR, Volunteer". At the bottom of the page, the copyright notice "Copyright © 2012-2018 Qmetrics Technologies" is displayed.

Qmetrics
TECHNOLOGIES

User: Bruce Wayne
Affiliation: Anika Site XXX

English (International)

Data Sets Add Subject Logout

Add A New Subject

Project: * Hyalofast_XRayScreen

Site: * Hyalofast_MRI_StudyData

Subject: * Hyalofast_MRIScreen
Hyalofast_XRayScreen

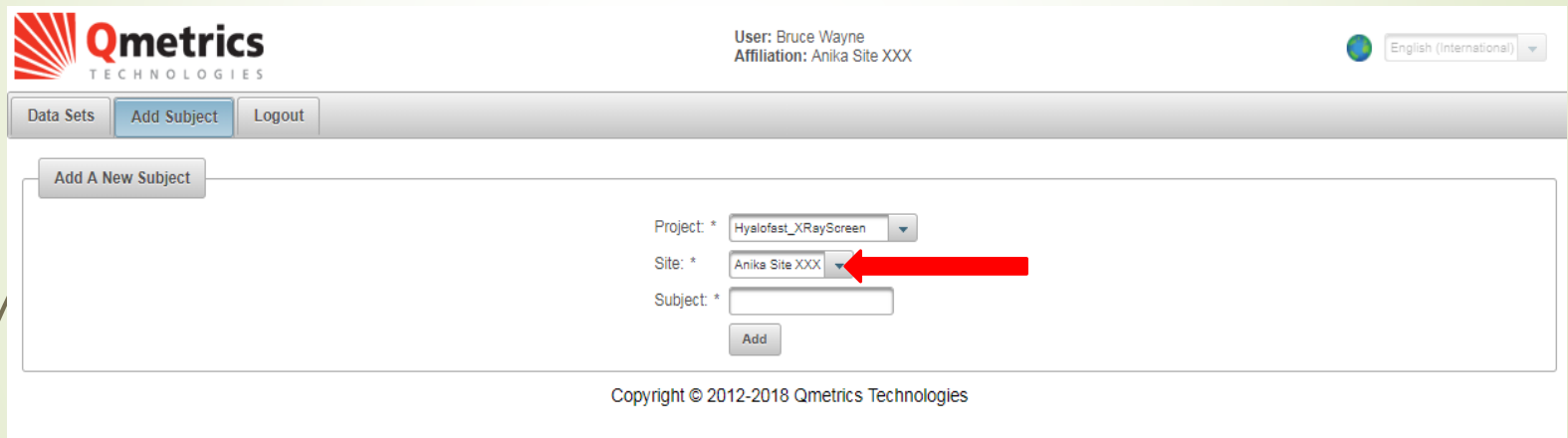
MRI Study Data

MRI Screening,
UAL/ACR, Volunteer

Copyright © 2012-2018 Qmetrics Technologies

Adding a Line Item

- Your site number should be automatically selected from the drop down menu



The screenshot displays the Qmetrics Technologies user interface. At the top left is the logo, and at the top right, the user is identified as 'Bruce Wayne' with an affiliation of 'Anika Site XXX'. A language dropdown is set to 'English (International)'. A navigation bar contains 'Data Sets', 'Add Subject', and 'Logout' buttons. The main content area is titled 'Add A New Subject' and contains a form with three fields: 'Project: *' (set to 'Hyalofast_XRayScreen'), 'Site: *' (set to 'Anika Site XXX'), and 'Subject: *' (empty). A red arrow points to the 'Site' dropdown menu. An 'Add' button is located below the form fields. The footer text reads 'Copyright © 2012-2018 Qmetrics Technologies'.

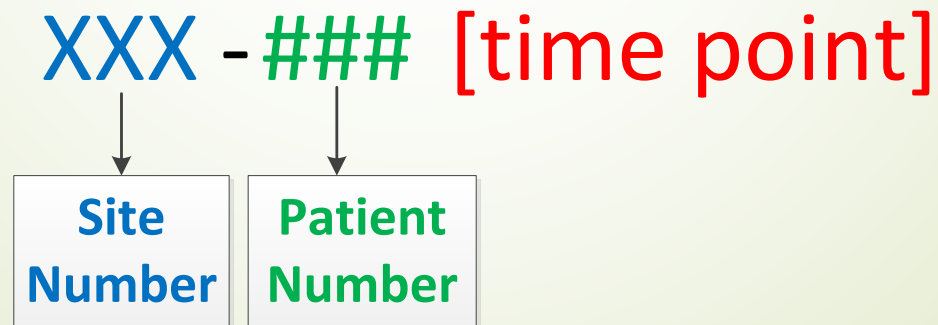
Adding a Line Item

- Enter the Subject ID using the study's naming convention with the 3-digit site number, a dash, and the 3-digit patient number

The screenshot displays the Qmetrics Technologies interface. At the top, the logo and user information (User: Bruce Wayne, Affiliation: Anika Site XXX) are visible. The main navigation bar includes 'Data Sets', 'Add Subject', and 'Logout'. Below this, there is a section titled 'Add A New Subject' with a corresponding button. The form contains three dropdown menus: 'Project: *' (set to 'Hyalofast_XRayScreen'), 'Site: *' (set to 'Anika Site XXX'), and 'Subject: *' (containing 'XXX-###'). A red arrow points to the 'Subject' field. To the right of the form, a diagram illustrates the naming convention: 'XXX' in blue is linked to a 'Site Number' box, and '###' in green is linked to a 'Patient Number' box. The copyright notice 'Copyright © 2012-2018 Qmetrics Technologies' is located at the bottom center of the page.

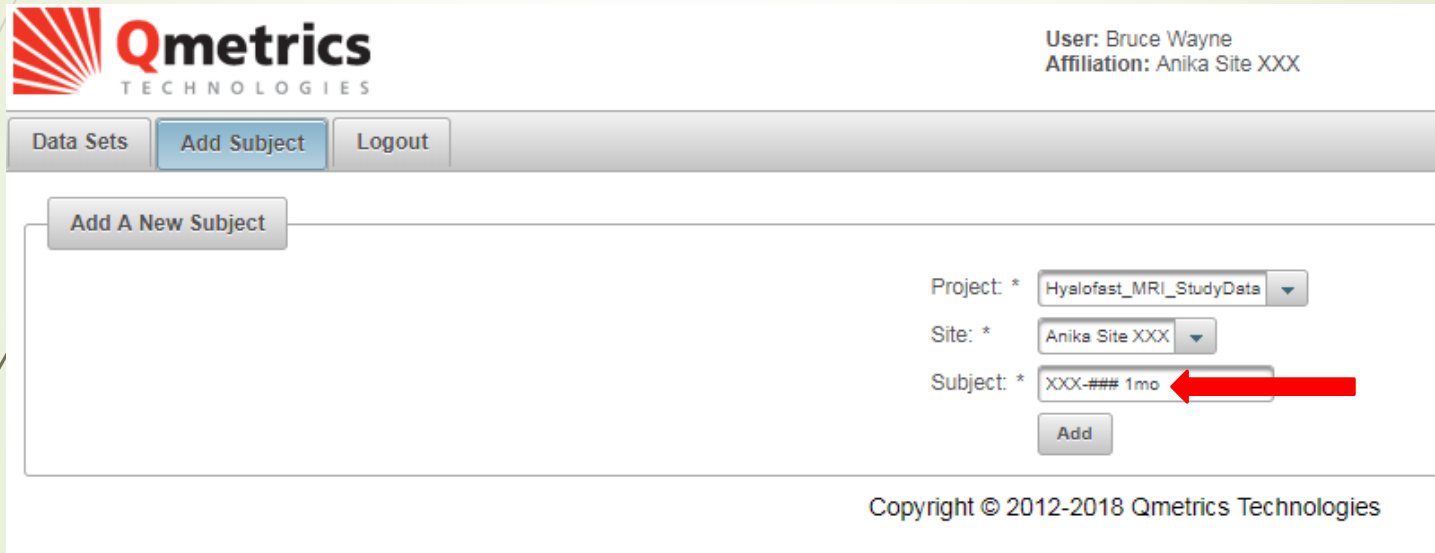
Adding a Line Item

- If uploading Study Data (post-op data), indicate the time point as follows:
 - 1 Month as “1mo”
 - 12 Months as “12mo”
 - 24 Months as “24mo”
 - 36 Months as “36mo”



Adding a Line Item

Study Data example



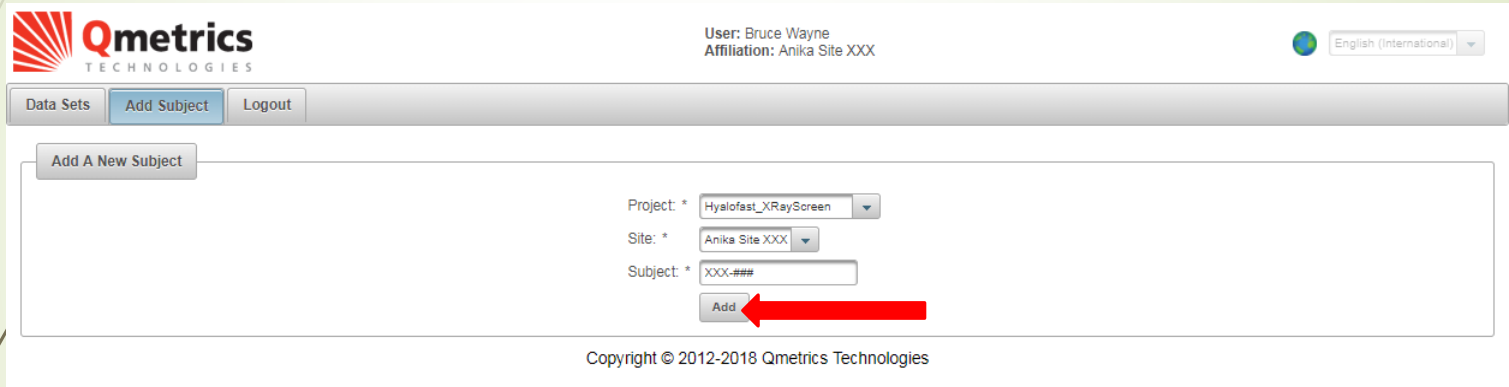
The screenshot shows the Qmetrics Technologies web application interface. At the top left is the Qmetrics logo. At the top right, the user information is displayed: "User: Bruce Wayne" and "Affiliation: Anika Site XXX". Below the logo is a navigation bar with three buttons: "Data Sets", "Add Subject" (highlighted in blue), and "Logout". The main content area is titled "Add A New Subject" and contains a form with the following fields:

- Project: *
- Site: *
- Subject: * (highlighted with a red arrow)

Below the Subject field is an "Add" button. At the bottom right of the page, the copyright notice reads: "Copyright © 2012-2018 Qmetrics Technologies".

Adding a Line Item

➡ Click “Add.”



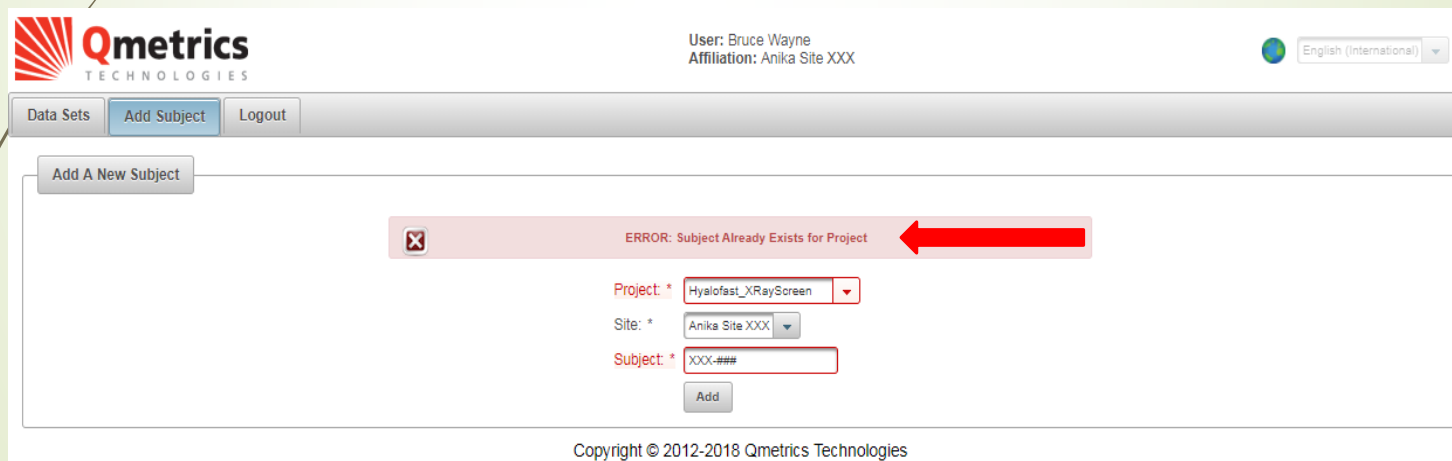
The screenshot shows the Qmetrics Technologies web application interface. At the top left is the Qmetrics logo. At the top right, the user is identified as "User: Bruce Wayne" with an affiliation of "Anika Site XXX". A language dropdown menu is set to "English (International)". Below the header is a navigation bar with buttons for "Data Sets", "Add Subject", and "Logout". The main content area is titled "Add A New Subject" and contains a form with the following fields:

- Project: * (dropdown menu) - Hyslofast_XRayScreen
- Site: * (dropdown menu) - Anika Site XXX
- Subject: * (text input) - XXX-###

Below the form is an "Add" button, which is highlighted with a red arrow pointing to it from the right. At the bottom of the page, the copyright notice "Copyright © 2012-2018 Qmetrics Technologies" is displayed.

Adding a Line Item

- The Subject name in Osmosis must be unique and can only be used ONCE
- If the Subject already exists in the system, you will get an ERROR message



The screenshot displays the Qmetrics Technologies web interface. At the top left is the Qmetrics logo. The top right shows the user's name 'Bruce Wayne' and affiliation 'Anika Site XXX', along with a language dropdown set to 'English (International)'. Below the header is a navigation bar with buttons for 'Data Sets', 'Add Subject', and 'Logout'. The main content area is titled 'Add A New Subject' and contains a form with the following fields: 'Project: *' (dropdown menu with 'Hyalofast_XRayScreen' selected), 'Site: *' (dropdown menu with 'Anika Site XXX' selected), and 'Subject: *' (text input field containing 'XXX-###'). A red error message banner at the top of the form reads 'ERROR: Subject Already Exists for Project', with a red arrow pointing to the Subject field. An 'Add' button is located below the Subject field. The footer of the page contains the text 'Copyright © 2012-2018 Qmetrics Technologies'.

Adding a Line Item

- If you have to upload the same time point of the same subject more than once, you will have to indicate the attempt number

- **Example:**

- 428-### (2)

- 428-### 1mo(2)

The screenshot displays the Qmetrics Technologies web application. At the top left is the Qmetrics logo. On the top right, it shows the user 'Bruce Wayne' with affiliation 'Anika Site XXX' and a language dropdown set to 'English (International)'. Below this is a navigation bar with buttons for 'Data Sets', 'Add Subject', and 'Logout'. The main content area is titled 'Add A New Subject' and contains a form with the following fields:

- Project: * Hyalofest_XRayScreen
- Site: * Anika Site XXX
- Subject: * XXX-##(2) (highlighted with a red arrow)

An 'Add' button is located below the Subject field. At the bottom of the page, the copyright notice reads 'Copyright © 2012-2018 Qmetrics Technologies'.

Locating New Subject

- Find the subject that was just added in the Data Sets tab— remember that you might have to select the type of Data Set so that your line item shows up

Qmetrics TECHNOLOGIES

User: Bruce Wayne
Affiliation: Anika Site XXX

English (International)

Data Sets Add Subject Logout

Data Sets for: Hyalofast_MRIScreen Search all fields:

(1 of 1) 1 25

Action	Subject ID	Status	Description	Reason	Estimated Date	Uploaded Date	Details
Upload	XXX-###	Not Received	Image Set				

(1 of 1) 1 25

Copyright © 2012-2018 Qmetrics Technologies

Locating New Subject

- Notice that the status of the new line is “Not Received”

The screenshot displays the Qmetrics Technologies web application interface. At the top left is the Qmetrics logo. To the right, the user information is shown: "User: Bruce Wayne" and "Affiliation: Anika Site XXX". A language dropdown menu is set to "English (International)". Below the header is a navigation bar with buttons for "Data Sets", "Add Subject", and "Logout". The main content area shows a data table for "Data Sets for: Hyalofast_MRI/Screen". The table has columns for Action, Subject ID, Status, Description, Reason, Estimated Date, Uploaded Date, and Details. A red arrow points to the "Status" column, which contains the value "Not Received". The table also includes pagination controls showing "(1 of 1)" and a page size dropdown set to "25".

Action	Subject ID	Status	Description	Reason	Estimated Date	Uploaded Date	Details
Upload	XXX-###	Not Received	Image Set				

Copyright © 2012-2018 Qmetrics Technologies

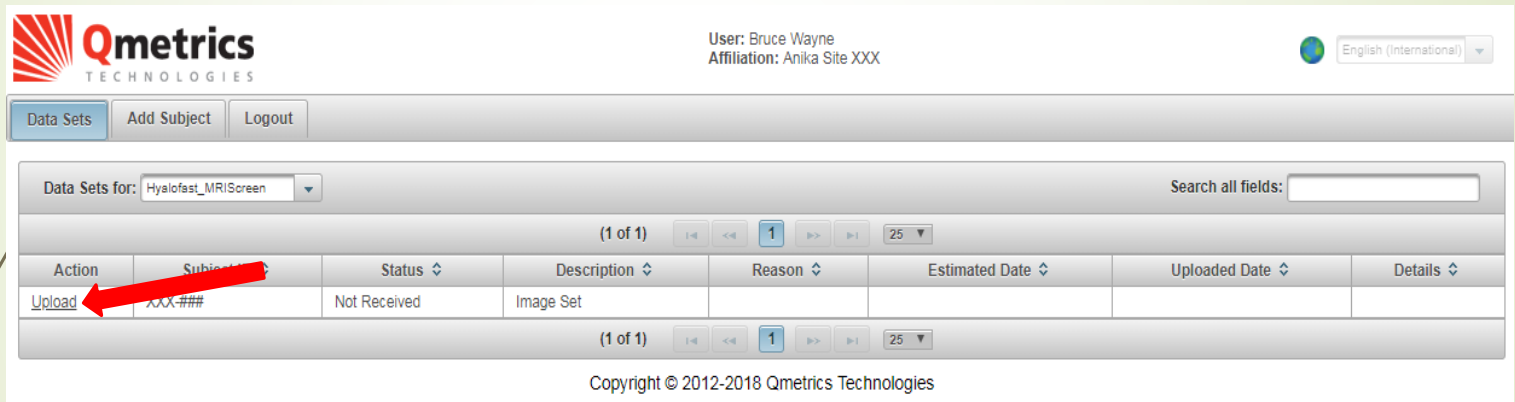


Uploading Using Google Chrome

* This is the process that is recommended

Uploading with Google Chrome

- Click on the “Upload” button in the Action column



The screenshot displays the Qmetrics Technologies user interface. At the top left is the Qmetrics logo. The top right shows the user's name, "Bruce Wayne", and affiliation, "Anika Site XXX", along with a language dropdown menu set to "English (International)". Below the header is a navigation bar with buttons for "Data Sets", "Add Subject", and "Logout". The main content area features a "Data Sets for:" dropdown menu set to "Hyalofast_MRIScreen" and a "Search all fields:" search box. A table with one row of data is shown, with columns for Action, Subject ID, Status, Description, Reason, Estimated Date, Uploaded Date, and Details. The "Action" column contains an "Upload" link, which is highlighted by a red arrow. The table is paginated to show "(1 of 1)" records. At the bottom, the copyright notice "Copyright © 2012-2018 Qmetrics Technologies" is visible.

Action	Subject ID	Status	Description	Reason	Estimated Date	Uploaded Date	Details
Upload	XXX-###	Not Received	Image Set				

Uploading with Google Chrome

- The following page will open. Hit “Select Files” to browse your system for the images you want to upload

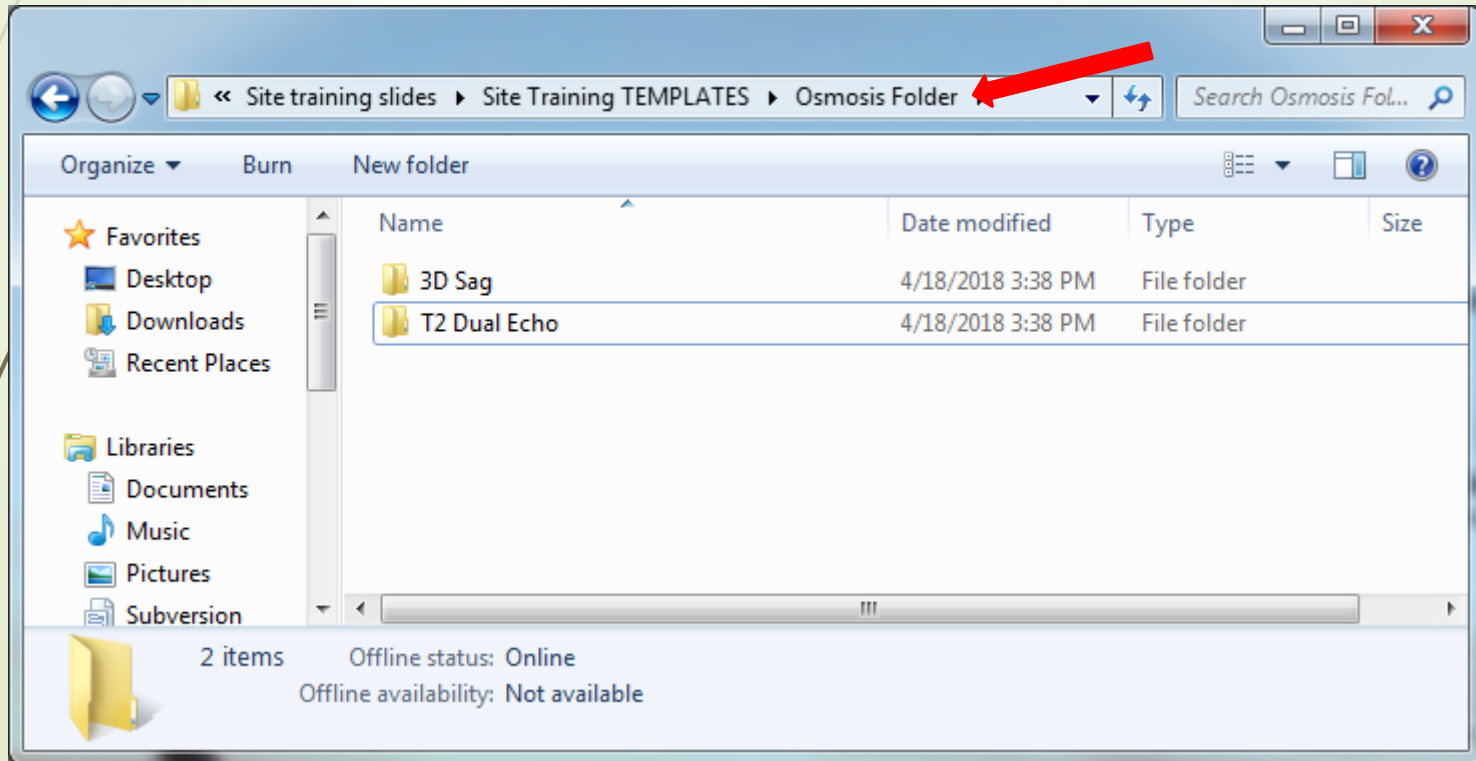
The screenshot shows the Qmetrics Technologies web interface. At the top left is the Qmetrics logo. At the top right, it displays the user information: "User: Bruce Wayne" and "Affiliation: Anika Site XXX", along with a language dropdown menu set to "English (International)". Below the header is a navigation bar with buttons for "Data Sets", "Add Subject", and "Logout". The main content area is titled "Upload New Data Set" and contains the following information:

- Study: Hyalofast_XRayScreen
- Subject: XXX-###
- Description: Image Set

Below this information is a large dashed box representing a file upload area. Inside this area, there are three buttons: "Select files" (highlighted in blue), "Upload", and "Submit". A red arrow points to the "Select files" button. Below the buttons, the text "Drop files here" is displayed. At the bottom of the page, the copyright notice "Copyright © 2012-2018 Qmetrics Technologies" is visible.

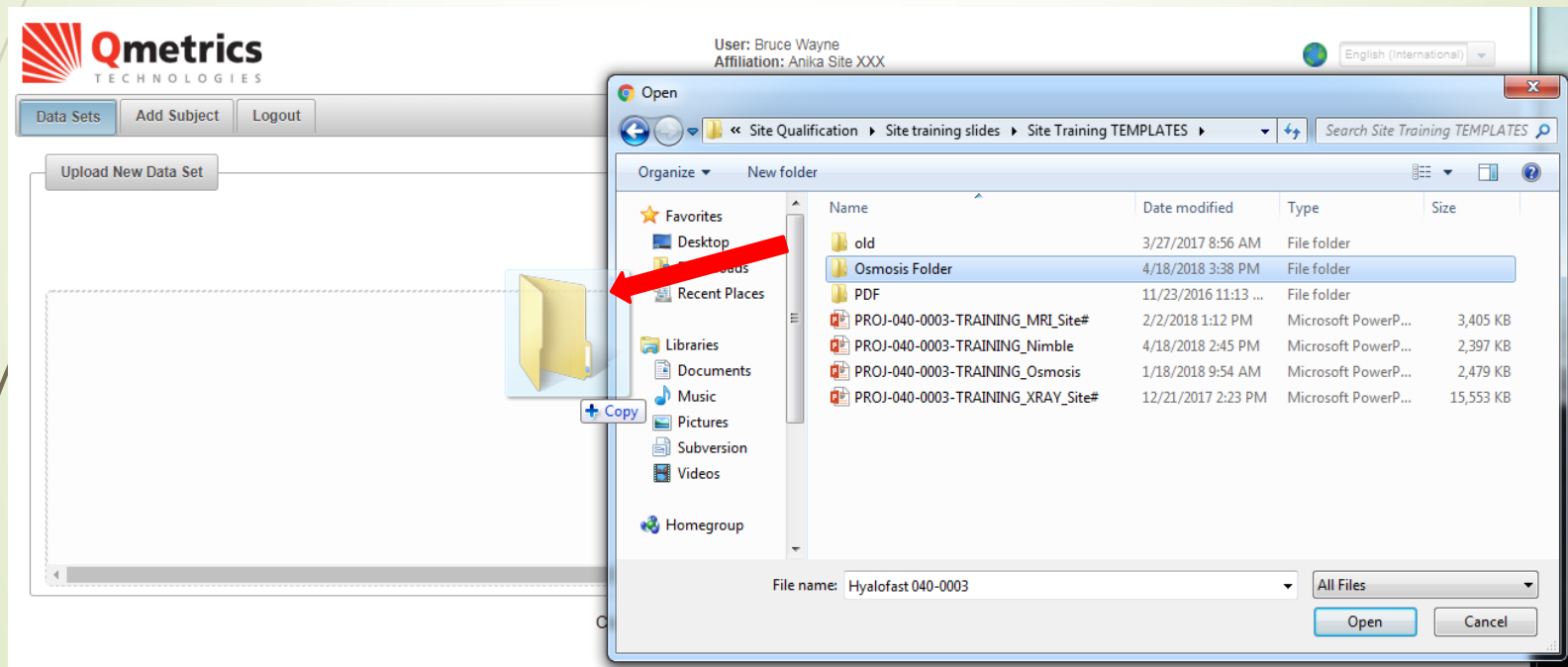
Uploading with Google Chrome

- The image files should all be in *one* folder, as seen in the example below.



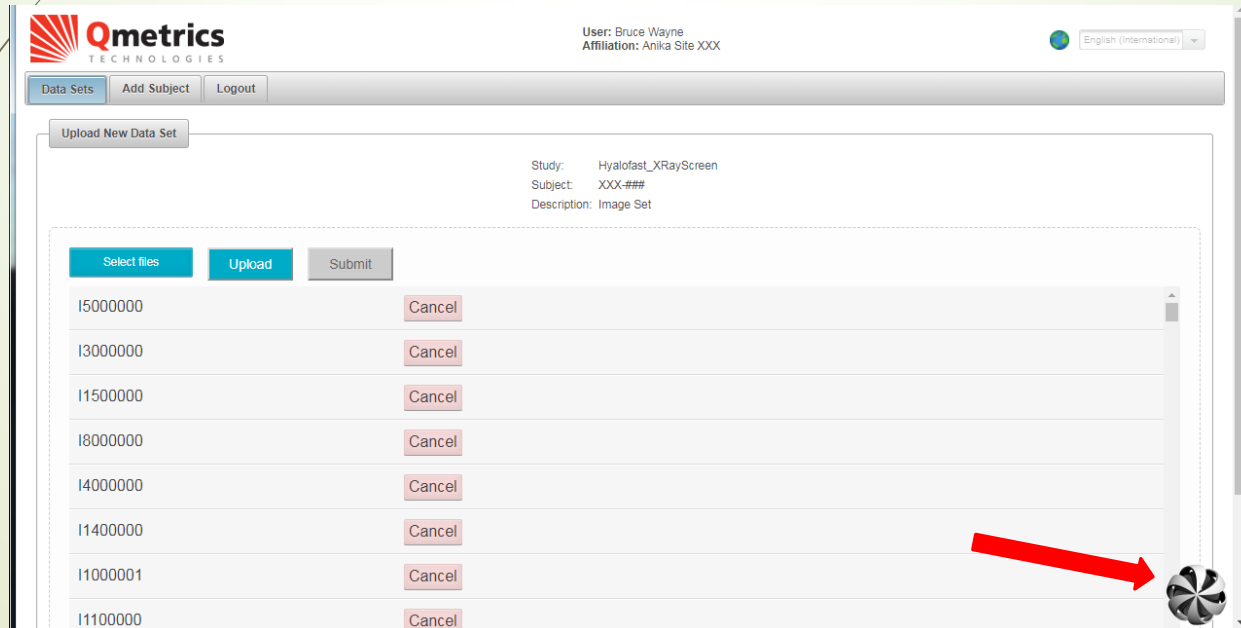
Uploading with Google Chrome

- Drag and drop the folder over the Google Chrome version of Osmosis



Uploading with Google Chrome

- The files will be added to the upload screen automatically.
- If you see a spinning spiral in the bottom right-hand corner, that means the system is processing. Do not move on until that spiral is gone



Qmetrics
TECHNOLOGIES

User: Bruce Wayne
Affiliation: Anika Site XXX

English (International)

Data Sets Add Subject Logout

Upload New Data Set

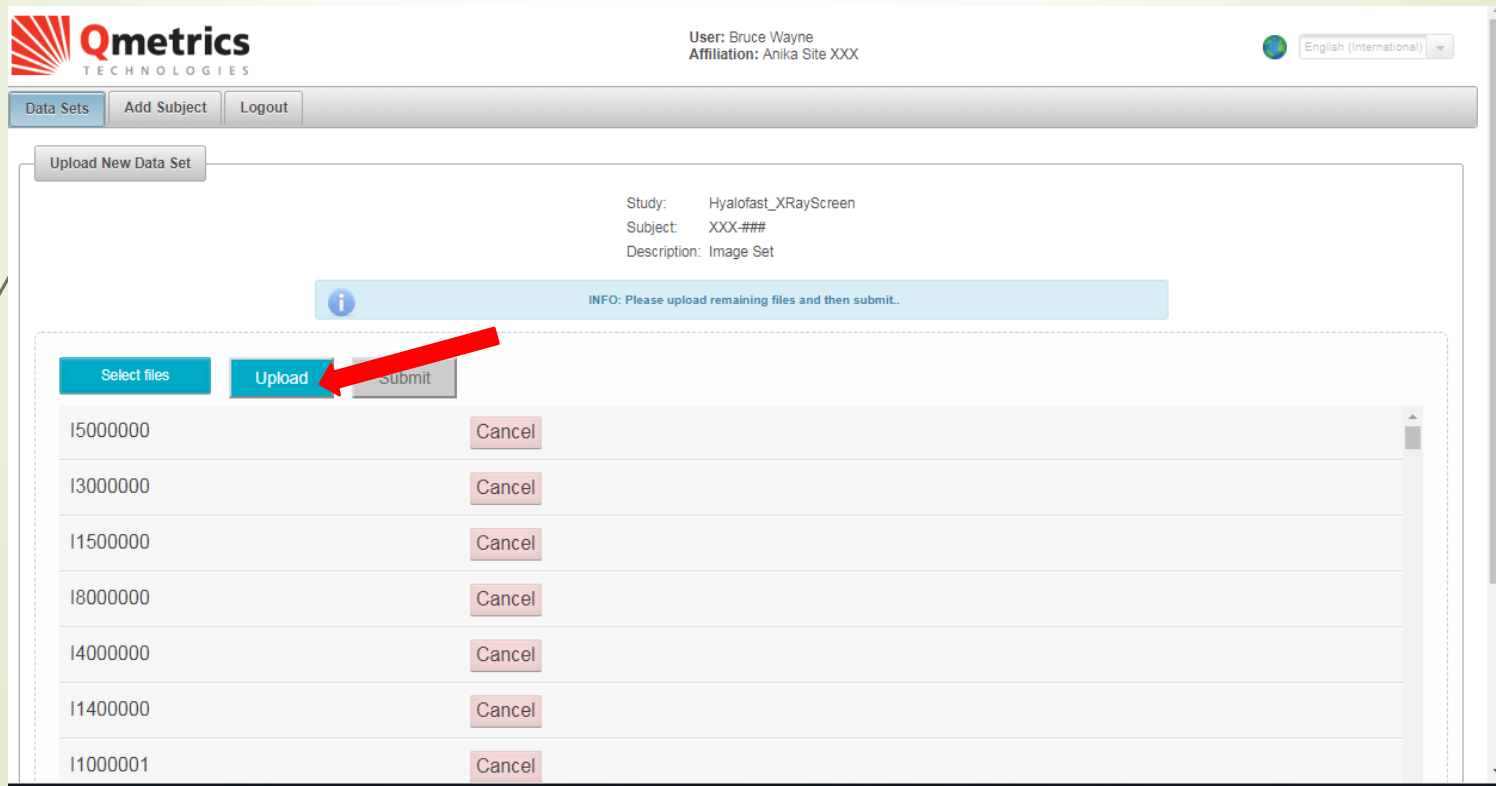
Study: Hyalofast_XRayScreen
Subject: XXX-###
Description: Image Set

Select files Upload Submit

15000000	Cancel
13000000	Cancel
11500000	Cancel
18000000	Cancel
14000000	Cancel
11400000	Cancel
11000001	Cancel
11100000	Cancel

Uploading with Google Chrome

- Select “Upload” to initiate the upload process.



The screenshot displays the Qmetrics Technologies web interface. At the top left is the Qmetrics logo. The top right shows the user information: "User: Bruce Wayne" and "Affiliation: Anika Site XXX", along with a language dropdown set to "English (International)". Below the header is a navigation bar with "Data Sets", "Add Subject", and "Logout" buttons. The main content area is titled "Upload New Data Set" and contains the following information:

Study: Hyalofast_XRayScreen
Subject: XXX-###
Description: Image Set

An information banner below the text reads: "INFO: Please upload remaining files and then submit." Below this banner is a row of three buttons: "Select files" (blue), "Upload" (blue), and "Submit" (grey). A red arrow points to the "Upload" button. Below the buttons is a table with a vertical scrollbar on the right side.

15000000	Cancel
13000000	Cancel
11500000	Cancel
18000000	Cancel
14000000	Cancel
11400000	Cancel
11000001	Cancel

Uploading with Google Chrome

- You will be able to track the progress of the uploaded images by looking at the blue progress bar at the top.

The screenshot shows the Qmetrics web interface. At the top, the logo for Qmetrics Technologies is on the left, and user information (User: Bruce Wayne, Affiliation: Anika Site XXX) and a language dropdown (English (International)) are on the right. Below the header is a navigation bar with buttons for 'Data Sets', 'Add Subject', and 'Logout'. The main content area is titled 'Upload New Data Set' and contains a form with fields for 'Study: Hyalofast_XRayScreen', 'Subject: XXX-###', and 'Description: Image Set'. Below the form is a table with columns for file ID and size (565.7kB). The table has several rows, some of which are highlighted in light green. A red arrow points to a blue progress bar at the top of the table. A speech bubble points to the green rows, stating 'These lines will turn green when complete'. At the bottom of the table, there is a 'Cancel' button.

File ID	Size
I1500000	565.7kB
I8000000	565.7kB
I4000000	565.7kB
I1400000	565.7kB
I1000001 Processing...	565.7kB
I1100000 Processing...	565.7kB
I2000000 Processing...	565.7kB
I1000000	565.7kB

Uploading with Google Chrome

- If any files don't upload on the first attempt, select Retry.

Qmetrics
TECHNOLOGIES

User: Bruce Wayne
Affiliation: Anika Site XXX

English (International)

Data Sets Add Subject Logout

Upload New Data Set

Study: Hyalofast_XRayScreen
Subject: XXX-###
Description: Image Set

Select files Upload Submit

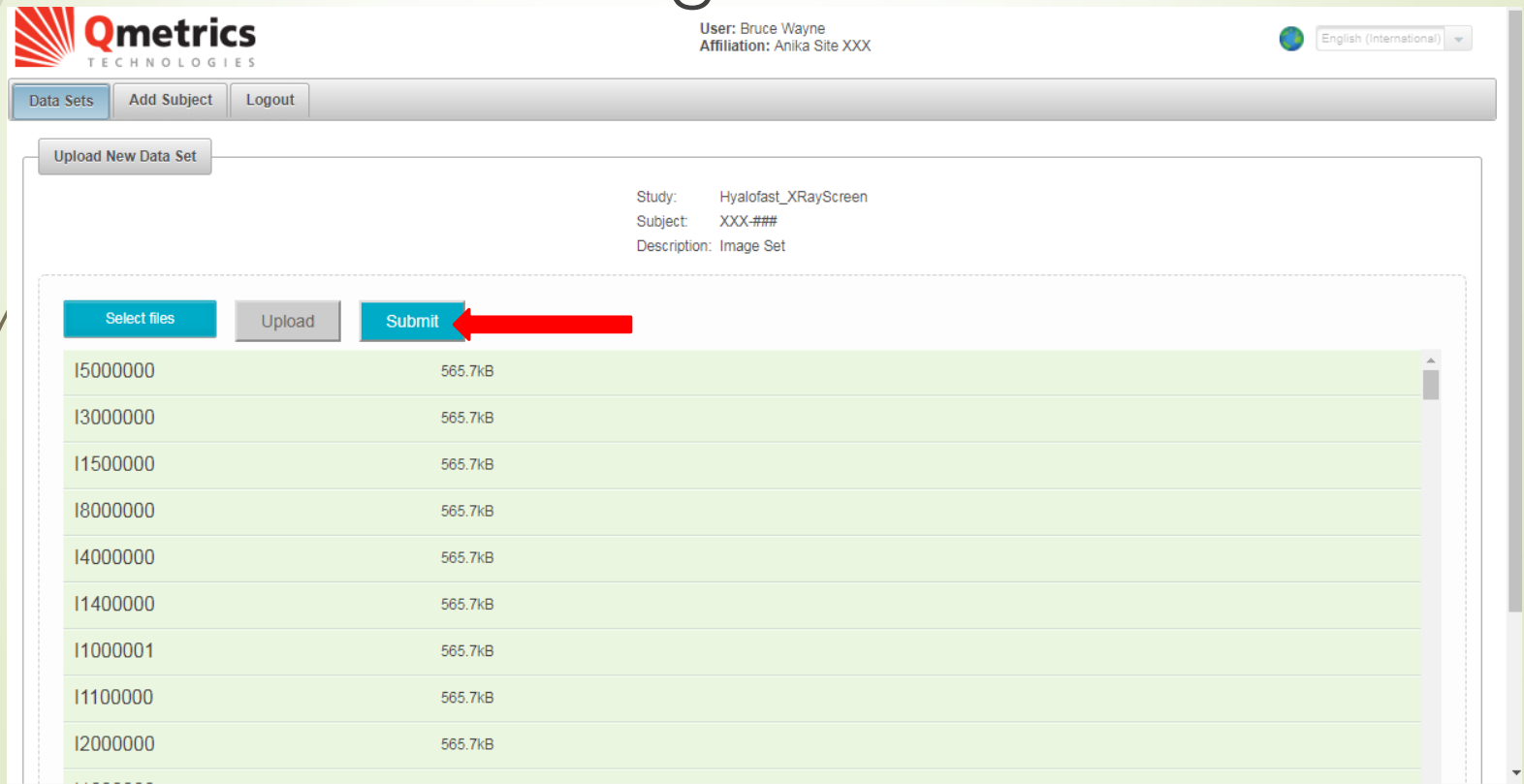
15000000	565.7kB	Cancel Retry
Upload failed		
13000000	565.7kB	
11500000	565.7kB	
18000000	565.7kB	
14000000	565.7kB	



Submitting the Images

Submitting Images

- When all lines have turned green, you must click on Submit or Qmetrics will not receive the images



The screenshot shows the Qmetrics web interface. At the top left is the Qmetrics logo. To the right, it displays the user's name 'Bruce Wayne' and affiliation 'Anika Site XXX'. A language dropdown menu is set to 'English (international)'. Below the header is a navigation bar with buttons for 'Data Sets', 'Add Subject', and 'Logout'. The main content area is titled 'Upload New Data Set'. It shows the following details:

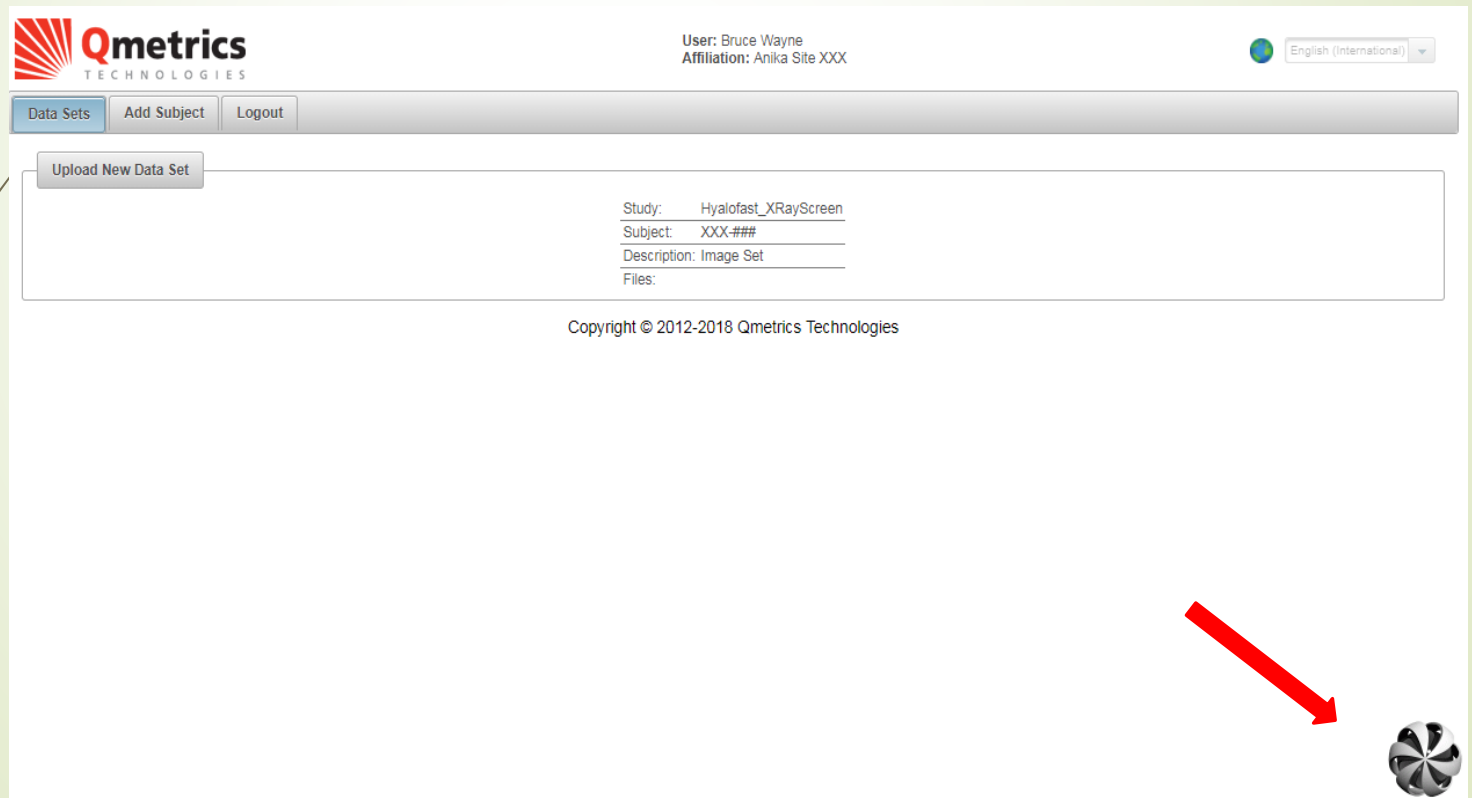
- Study: Hyalofast_XRayScreen
- Subject: XXX-###
- Description: Image Set

Below these details is a table with two columns: 'File ID' and 'File Size'. All rows in the table are highlighted in green, indicating successful uploads. At the top of the table are three buttons: 'Select files', 'Upload', and 'Submit'. A red arrow points to the 'Submit' button.

File ID	File Size
I5000000	565.7kB
I3000000	565.7kB
I1500000	565.7kB
I8000000	565.7kB
I4000000	565.7kB
I1400000	565.7kB
I1000001	565.7kB
I1100000	565.7kB
I2000000	565.7kB

Submitting Images

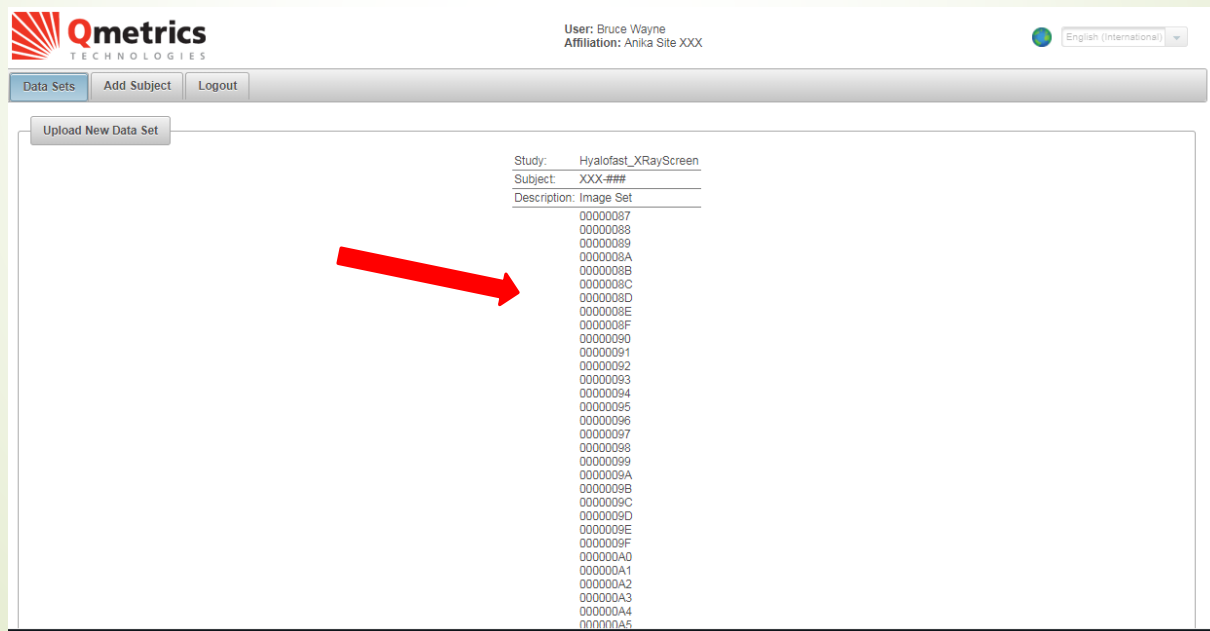
- ▶ The rotating spiral indicates the system is still processing



The screenshot displays the Qmetrics Technologies web application interface. At the top left is the Qmetrics logo. The top right shows the user information: "User: Bruce Wayne" and "Affiliation: Anika Site XXX", along with a language dropdown menu set to "English (International)". Below the header is a navigation bar with buttons for "Data Sets", "Add Subject", and "Logout". A main content area contains a form with a button labeled "Upload New Data Set". The form fields are filled with the following text: "Study: Hyalofast_XRayScreen", "Subject: XXX-###", "Description: Image Set", and "Files:". At the bottom center of the page, there is a copyright notice: "Copyright © 2012-2018 Qmetrics Technologies". In the bottom right corner, there is a small, rotating spiral icon, which is highlighted by a red arrow pointing towards it.

Submitting Images

- When complete, the spinning spiral will stop and the screen will show a list of the uploaded files.
- ***Do not navigate away from the page while the spiral is spinning***

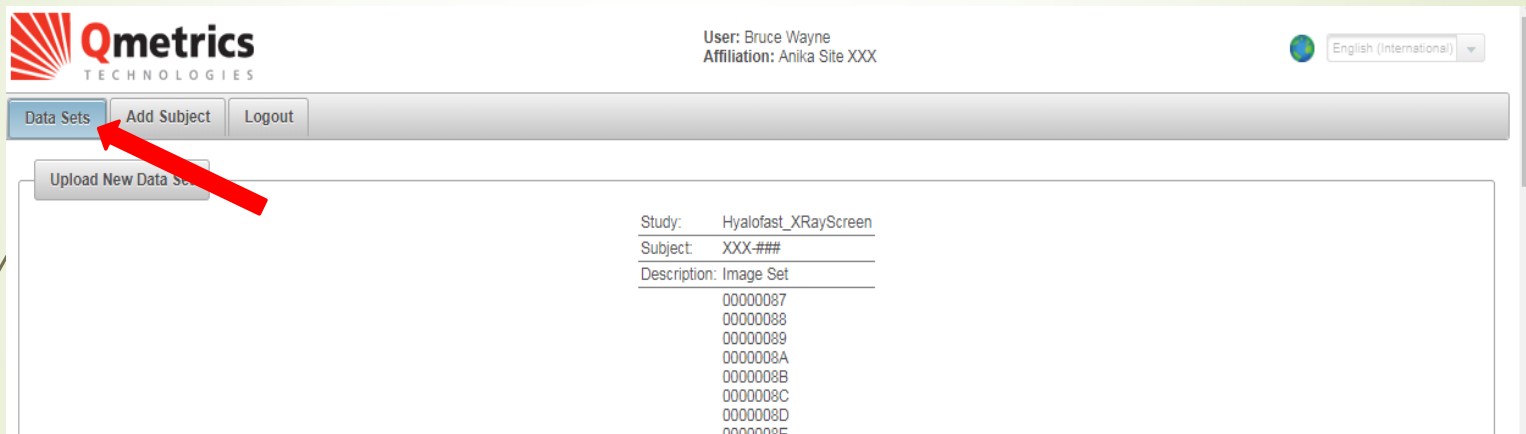


The screenshot displays the Qmetrics Technologies web application interface. At the top left is the Qmetrics logo. The top right shows the user information: "User: Bruce Wayne" and "Affiliation: Anika Site XXX". Below this is a navigation bar with buttons for "Data Sets", "Add Subject", and "Logout". A language dropdown menu is set to "English (International)". The main content area features a "Upload New Data Set" button and a list of uploaded files. The list includes fields for "Study:", "Subject:", and "Description:". The "Study:" field is "Hyalofast_XRayScreen", the "Subject:" field is "XXX-##", and the "Description:" field is "Image Set". Below these fields is a list of file identifiers ranging from 0000087 to 00000A5. A red arrow points to the list of file identifiers.

Study:	Subject:	Description:
Hyalofast_XRayScreen	XXX-##	Image Set
		0000087
		0000088
		0000089
		000008A
		000008B
		000008C
		000008D
		000008E
		000008F
		0000090
		0000091
		0000092
		0000093
		0000094
		0000095
		0000096
		0000097
		0000098
		0000099
		000009A
		000009B
		000009C
		000009D
		000009E
		000009F
		00000A0
		00000A1
		00000A2
		00000A3
		00000A4
		00000A5

Verifying Images were Uploaded

- Click on the Data Sets tab to further verify that the images were uploaded.



Qmetrics
TECHNOLOGIES

User: Bruce Wayne
Affiliation: Anika Site XXX

English (International)

Data Sets Add Subject Logout

Upload New Data Set

Study: Hyalofast_XRayScreen
Subject: XXX-###
Description: Image Set

00000087
00000088
00000089
0000008A
0000008B
0000008C
0000008D
0000008E

Verifying Images were Uploaded

- Locate the line item of the images that you just uploaded. The Status is now “Received” and the Upload hyperlink is gone.



The screenshot displays the Qmetrics Technologies web application interface. At the top left is the Qmetrics logo. To the right, the user information is shown: "User: Bruce Wayne" and "Affiliation: Anika Site XXX". A language dropdown menu is set to "English (International)". Below the header, there are navigation buttons: "Data Sets", "Add Subject", and "Logout". The main content area shows a data set for "Hyalofast_XRayScreen" with a search bar. A table below the search bar displays the data set details. A red arrow points to the "Status" column, which contains the word "Received". The table has columns for Action, Subject ID, Status, Description, Reason, Estimated Date, Uploaded Date, and Details. The data row shows "XXX-###" for Subject ID, "Received" for Status, "Image Set" for Description, and "Apr 19, 2018" for Uploaded Date. The table is paginated to show 1 of 1 items.

Action	Subject ID	Status	Description	Reason	Estimated Date	Uploaded Date	Details
	XXX-###	Received	Image Set			Apr 19, 2018	

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CHECKLIST FOR SUCCESS

- **Use Google Chrome for uploading if possible**
- Study Data should include the time point
 - 428-### 12mo
- Indicate multiple attempts
 - **428-###(2)**
- **Do not RE-upload** anything unless specifically asked to do so by Qmetrics
- Only upload **raw DICOM** images
- **Images MUST be uploaded within 2 business days of scan date**
- Update **Fusion** with patient info & index knee

* Fusion is maintained through Axiom, a separate vendor. If you have questions about the Fusion database, email anika@axiommetrics.com



Next Step

- Osmosis user IDs and password
- Site will need to log into Osmosis and upload test data
 - Any file type
 - Named “**428-test data**”
 - Due by **Monday, May 13th**
- This will verify:
 - Site understands upload process
 - Java version is up to date
 - Web browser correct



End of Presentation

Are there any questions?