



Protocol # 16-OBE2109-008

A double-blind, placebo-controlled study investigating the efficacy and safety of daily oral administration of OBE2109 alone and in combination with add-back therapy for the management of heavy menstrual bleeding associated with uterine fibroids in premenopausal women

Imaging Training Webinar

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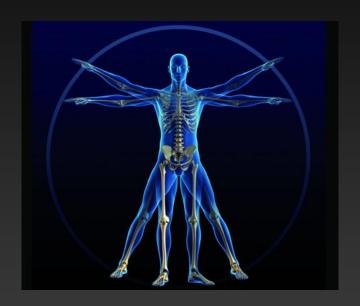
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- Worldwide imaging company Parsippany, NJ, USA
- Established in 1986, 200+ employees, 8 PhD's
- Imaging and Photographic documentation for clinical research
 - ✓ Over 2400 clinical studies
- Imaging solutions for clinical practices, medspas
 - ✓ Over 10,000 customers in Plastics, Derm, Other



Medical Imaging Background



Medical Imaging provides human anatomic and/or physiologic information of variable clinical meaningfulness for the following potential uses:

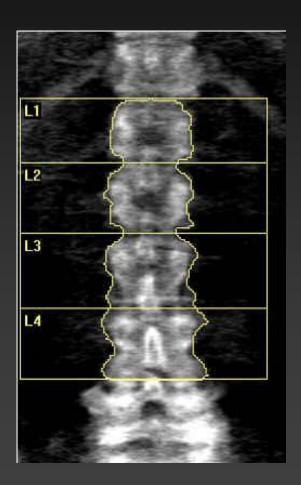
- Support for Efficacy Endpoints
- Support for Clinical Endpoints
- Support for Safety Endpoints
- Research for unexpected results



Medical Imaging

Standardized Medical Imaging Acquisition Guidelines (IAG) have been developed for this study to:

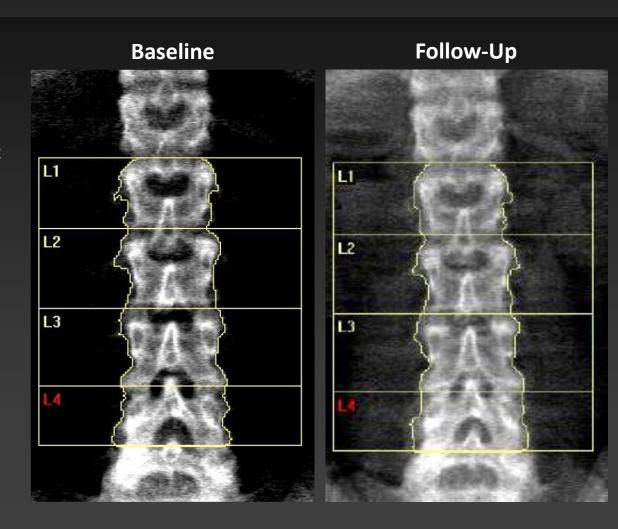
- Maintain a verifiable and reproducible record of how imaging data is obtained for future clinical trial research
- Ensure image data is captured in compliance with the study protocol
- Minimize imaging variability by ensuring image data is of optimal quality within a clinical site and across multiple clinical sites
- Maximize impact of imaging data to support study endpoints and hypotheses



Serial Medical Imaging

Good serial medical imaging can be achieved by adhering to the provided study-specific IAG. The following must be kept consistent:

- Imaging Facility and DXA
 Scanner
- Scan Parameters
- Subject Positioning
- DXA Scan Analysis Region of Interest



Canfield Imaging Acquisition Guidelines (IAG)

Canfield will mail the Imaging Acquisition Guidelines (IAG) to each Imaging Facility. The contents of the IAG will include:

- Canfield Clinical Services Project Management Team Contact Information
- Image Acquisition and Submission Schedule
- Pre-Qualification Phantom Scan Acquisition & Submission Guidelines
- Monthly QC Phantom Logs Acquisition & Submission Guidelines
- Cross-Calibration Scan Acquisition & Submission Guidelines
 - Cross-Calibration Phantom Shipment Notification Form
- Treatment Visit Scan Acquisition Guidelines
 - Hologic
 - GE/Lunar
 - Scan Examples QRG
- Treatment Withdrawal Criteria
- Clinical Services Website (CSW) Image Upload and View Instructions
- Digital Media Labels
- Supply Request Form
- Web Service Authorization Form

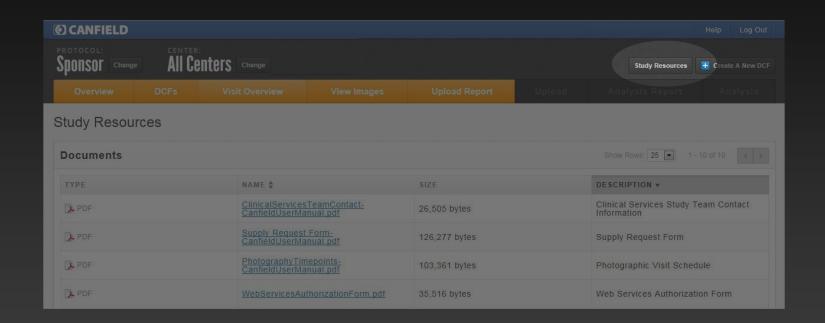


Canfield Imaging Reference Manual (IRM)

Canfield will mail the Imaging Reference Manual (IRM) to each Treating Investigative Site. The contents of the IRM will include:

- Canfield Clinical Services Project Management Team Contact Information
- Image Acquisition and Submission Schedule
- Treatment Visit Scan Central Review Outline
 - Subject Biography Form
- Treatment Withdrawal Criteria
- Clinical Services Website (CSW) Image Viewing Instructions
- Web Services Authorization Form

Electronic Study Resources



Electronic Documents are available on the Canfield Clinical Services Website. Refer to the "Study Resources" hyperlink.

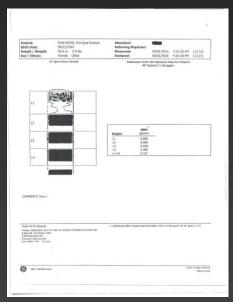
Quality Control Requirements

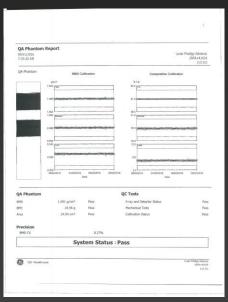
Scan Requirement	Phantom Scan Type	Frequency	Documentation
Pre-Qualification Phantom	Site-Owned Spine Phantom	1 time (beginning of study)	Pre-Qualification Phantom Scan Certificate of Approval
Monthly Phantom QC Log	QA Phantom	Monthly (30 days +/- 5 days) beginning after Pre-Qualification	Email Confirmation from Canfield
Cross-Calibration Phantom	Canfield Shipped Spine Phantom	1 time (during the study)	Cross-Calibration Phantom Scan Certificate of Completion

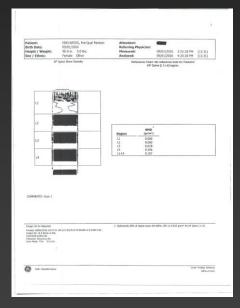


Phantom Scans

- A complete Phantom Scan includes:
 - Pre-Qualification: 10 (1 x each scan) Phantom DXA Scan Analysis Report
 - Monthly Phantom QC Log: 1 (for the month) Phantom DXA Scan Log
 - Cross-Calibration: 10 (1 x each scan) Phantom DXA Scan Analysis Report







Pre-Qual

Monthly QC

Cross-Calib

GE/Lunar Sample Reports for demo only

Cross-Calibration Phantom Scan Shipment

- Canfield will ship a Bona Fide Phantom to your site one time during the course of the study.
- The phantom scans should be completed within 5 business days of receipt.

• Canfield will review the scans and provide confirmation of completion by sending

a certificate of completions.

- Once the certificate is received, Canfield will provide pre-printed Airway Bills (AWBs) for your site to ship the Bona Fide Phantom.
- Please ship the Bona Fide Phantom as soon as possible and complete the Cross-Calibration Phantom Shipment Notification Form and provide to Canfield to avoid queries.



Treatment Visit Schedule

Scan Type	Frequency	Documentation
Treatment Visits	 Day 1 Week 24 Week 52 Week 76 If subject terminates early, please refer to protocol for visit procedures and labeling 	Email Hyperlink to BMD Central Review Result Report (within 5 business days of upload receipt)
Repeat Scan Requests	In the event the BMD Central Reviewer deems scan should be repeated for Image Quality or due to % change in bone loss	Email Hyperlink to BMD Central Review Result Report (within 5 business days of upload receipt)

Tx Investigative Site: Subject Baseline/Day 1 Visit

- Complete the Subject Biography Form for each subject.
 Ensure all information is written in the correct format indicated as well as complete and accurate in its entirety for data reconciliation purposes.
- A copy of this form should be provided to the subject, or emailed or faxed to the Imaging Facility. This form will assist the Imaging Facility with entering the subject information to create the Subject biography on the DXA Scanner.
- A copy of this form should be uploaded, emailed or faxed to Canfield. This form will allow Canfield to reconcile against Subject Biography information included on the scan analysis reports.
- Chiltern has also provided subject scan cards to provide the subject or Imaging Facility for easy reference.



Imaging Facility: Subject Baseline/Day 1 Visit

- Use the Subject Biography Form to create a subject biography on the DXA Scanner.
 - It is extremely important that all information is entered as outlined.
 - Date of Birth must be masked using the convention provided (01JULYYY, where YYYY is the subject actual year of birth
 - No additional information should be provided especially patient name as this is a violation of Protected Health Information (PHI).
 - Should Canfield receive PHI, a repeat scan may be requested.
 - At **Follow-up** visits, locate the subject and capture under the previously entered subject biography. Updates to height and weight should be made as needed.

	Treatment Visit Scan Su	ıbject Biography QRG
<u>Descriptor</u>	<u>Identifier</u>	<u>Format</u>
Acquisition Date	Date of Scan	DD/MMM/YYYY
Patient Identification (ID)	ID Number	NNNNN (where N = 5 digit number, 1 digit country code + 2 digit site ID + 2 digit subject number)
Date of Birth (or Born On)	Subject year of birth <u>only</u>	01/JUL/YYYY (where Y = subject actual year of birth)
Sex	F	F
Weight	Subject Weight in kg	NNN.N
(update as needed)		
Height	Subject Height in cm	NN. N
(update as needed)		
Exam Type	Exam Type	Example: AP Lumbar Spine or Total Left Hip
Comment	Identify non-removable artifacts, if any	Example: Pacemaker leads, bone fractures, previous surgeries, radioactive seeds, bone implants, surgical staples, foreign bodies, heavy metal poisoning, kidney stones, etc.)
Scan Code (or Attendant)	DXA Technologist's Name	(Last Name, First Name)

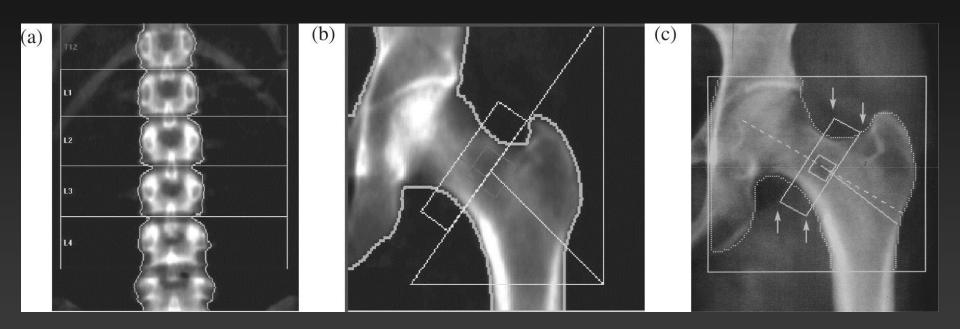


Imaging Facility: Subject Treatment Visit

- Ensure the same machine and scan modes are adhered to at all follow-up visits. Refer to the Subject Scan Card.
 - Subject Scan Cards will be specific to the subject as well as specific to the DXA machine.
- Ensure that the subject has removed all objects from their pockets and is not wearing clothing with metal such as jewelry, belts, snaps, underwire bras, zippers, etc.
 - Inability or refusal to remove jewelry is not an exclusion for DXA, however subjects should be encouraged to remove all metal objects if possible.
- Ensure the subject is explained the exam procedures and instructions for positioning.
- Required Scan Acquisition Sites:
 - AP Lumbar Spine (From L1 to L4)
 - Left Hip (Including Femoral Neck)
- Scanning instructions for image acquisition will be followed and the IAG will outline additional points for emphasis.

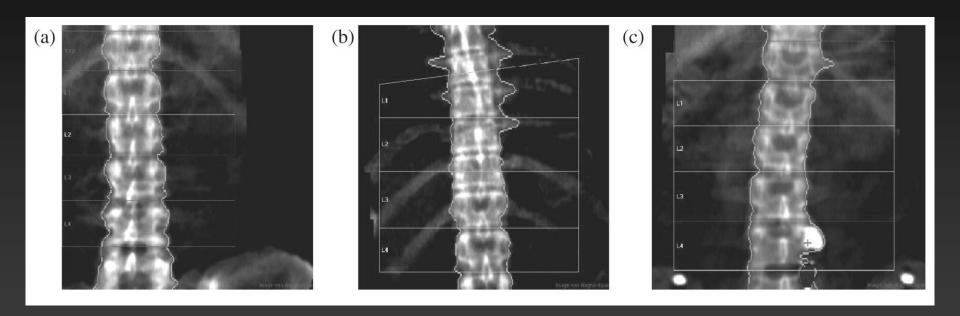
This scan is for Primrose Clinical Study 16-OBE2109-008 Please follow Canfield's DXA image acquisition guideline for GE-Healthcare (Lunar) Obtain scan of Lumbar Spine and Left Hip o If contraindicated due to prosthetic or inability to position correctly, then the right hip should be scanned. Be sure to scan the same hip for all visits within a subject during the trial. Use the Standard or Thick mode (based on patient's body habitus). Uncheck the Onescan mode before scanning study subjects. Please be certain scan mode is consistent throughout all imaging time points. Please follow instructions for entering Scanner Biography as outlined in IAG. Copy all the scans onto the labeled media BEFORE analyzing or archiving the Scans will be acquired at Study Day1, Week 24, Week 52 and Week 76 Subject Number: _ For any questions regarding study parameters please contact: Study Coordinator: This scan is for Primrose Clinical Study 16-OBE2109-008 Please follow Canfield's DXA image acquisition guideline for Hologic Obtain scan of Lumbar Spine and Left Hip o If contraindicated due to prosthetic or inability to position correctly, then the right hip should be scanned. Be sure to scan the same hip for all visits within a subject during the trial Please use the ARRAY scan mode (Explorer machines use "e" mode) Fast scan modes (i.e., Fast Array, Turbo, "X", Quick Mode, etc.) are not acceptable, and will require a repeat scan in Array or Performance Please be certain the scan mode is consistent throughout all imaging time points Please follow instructions for entering Subject Biography as outlined in IAG Copy all the scans onto the labeled media BEFORE analyzing or archiving the data Scans will be acquired at Study Day1, Week 24, week 52 and Week 76 For any questions regarding study parameters please contact: Requesting Physician: 16-OBE2109-008_Scan Card Hologic_V1_02Feb2017

Required Scans



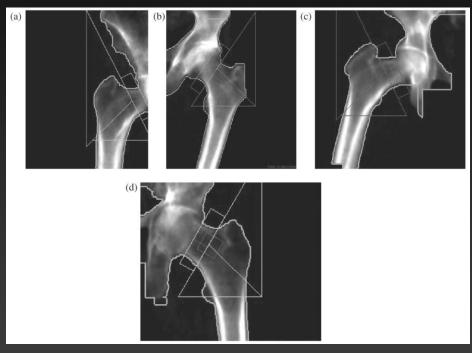
- A) Lumbar Spine Scan Correct Positioning and analysis of the L1-L4 spine
- B) Total Hip Scan (Lunar) Correct Positioning and Analysis
- C) Total Hip Scan (Hologic) Correct Positioning and Analysis

Spine Scan Issues



- A) Lumbar Spine Scan Incorrect Positioning: Too close to the right side of the image
- B) Lumbar Spine Scan Incorrect Analysis: Vertebral levels are misidentified
- C) Lumbar Spine Scan Artifact: Metal Button over L4

Hip Scan Issues



- A) Total Hip Scan Incorrect Positioning: Did not go far enough laterally and part of the femoral head is missing
- B) Total Hip Scan Incorrect Positioning: Femur is adducted
- C) Total Hip Scan Incorrect Positioning: Femur is abducted
- D) Total Hip Scan Incorrect Positioning: Suboptimal internal rotation (too much of lesser trochanter showing)

Canfield Clinical Services Website

Web Services Authorization Form

- Top portion to be completed by the Investigative Site Staff and Radiology Site Staff
- Group e-mail accounts are not allowed
- Access authorized by Study Sponsor
- Username/Password sent via email

Web View Access: Allows access to view images, the BMD Central Review Result Report, and address Data Clarification Forms (DCFs).

✓ Applicable to Treating Investigative Site

Web Transfer Access: Allows upload of images to Canfield

✓ Applicable to Imaging Facility

	NICAL SERVICES WEB AUTHORIZATION s must complete Sections A and B and fax this form to C	anfield Scientiff -	w ICCI) at 1 073	APPLICATION FORM
<u>weba</u> Secti	s must complete sections A name and last instrum to quith@canfieldsci.com. Upon sponsor approval, CSI will is on B. When an account has been established, a notifical USER INFORMATION (all information must be	etup a user accou tion will be sent to	nt and permission	ns to the clinical study noted in
Are Can acti	you currently, or have you ever been, an authorized us affeld Scientific, Inc. (CSI) web services (have you ever ha ive account)? YES NO	er of Investig	ator Name	Site Number
1	Last Name	First Name		Middle Initial
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3	Company Street Address	City		
4	State	Zip Code	Countr	У
5	Telephone Number	E-mail address		
6	By signing my name, I agree not to disclose any information about this study or these web services outside of that required to perform my responsibilities as they pertain to the clinical protocol/project stated in Section B, berein. I agree that when using these services, the username and password I supply will be considered my "electronic signature", and that this electronic manifestation constitutes the same legal obligation as my written		Please sign	
	signature, as required by regulation.		Date (dd/m	imm/yyyy)
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	tials Date (dd/mmm/yyyy)	Initials		Date (dd/mmm/yyyy)

Image Transfer

https://clinicalservices.canfieldsci.com

All subject images should be uploaded to Canfield Clinical Services Website within 24 hours

Image Upload Quick Reference Guide



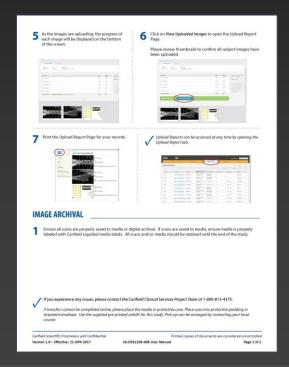


Image Transfer

Acceptable File Types

- The following file types are able to uploaded to Canfield:
 - .pdf (***Preferred)
 - .jpg, .jpeg
 - .tif, .tiff
 - .dcm, .dicom
 - .bmp
 - .nts, .dfs
- For all other file types, they will have to be saved to disc or USB and mailed to Canfield.
- Canfield can supply disks or USB drives as needed as well as pre-printed AWBs. Please contact the Canfield Project Team for assistance.

Image Transfer Upload Procedures

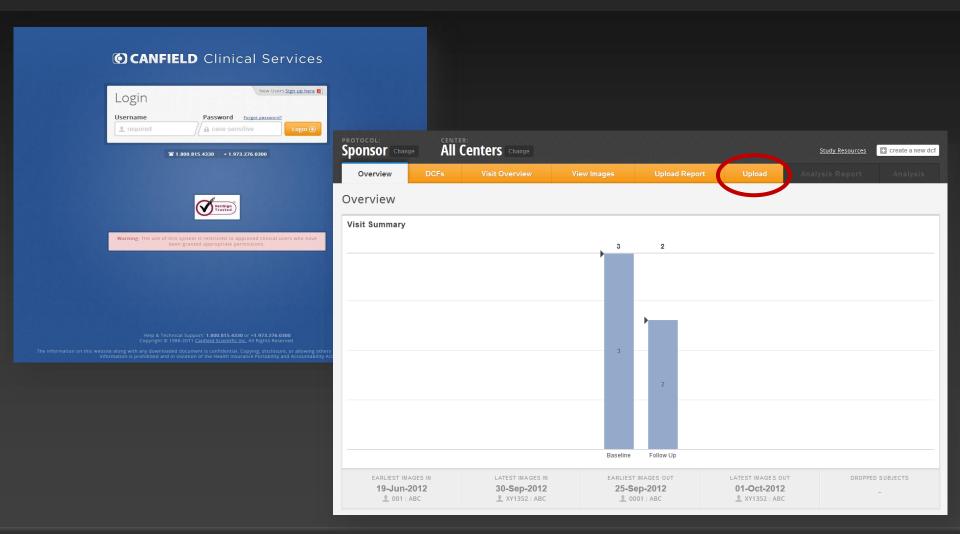


Image Transfer Upload Procedures

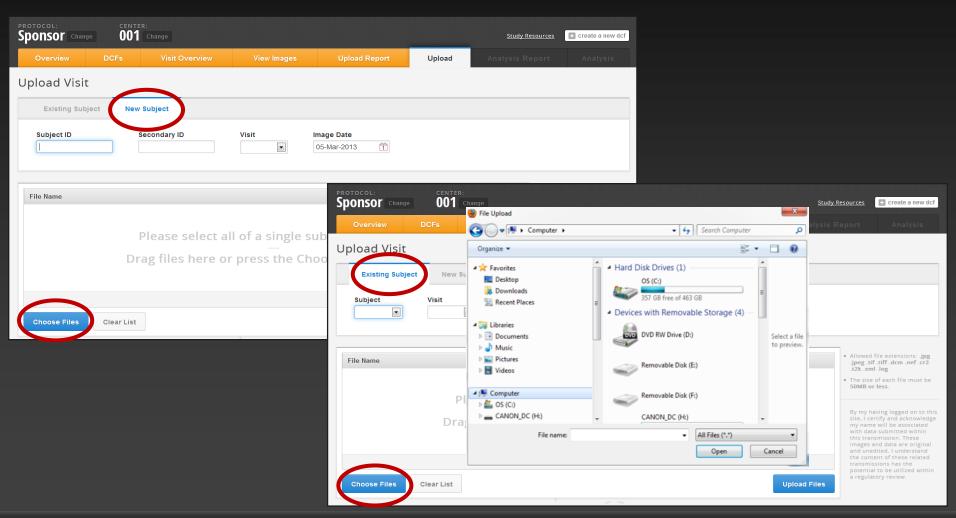
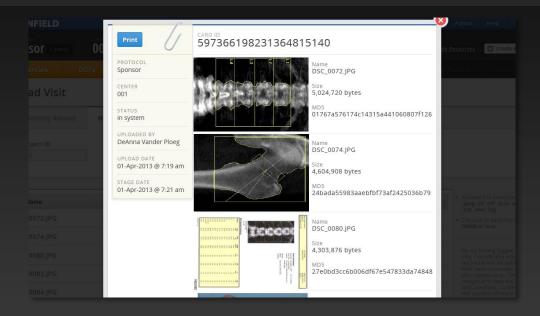
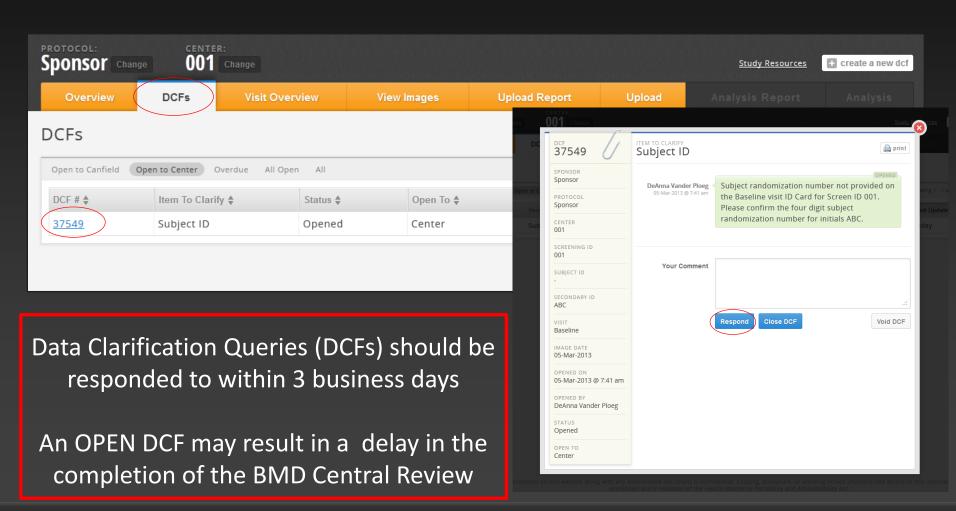


Image Transfer Upload Procedures



- Review the Upload Conformation Report to ensure that all of the required images have been successfully submitted.
- If an image does not submit successfully, please repeat the upload procedures for that image.
- The Upload Confirmation Report must be reviewed at time of upload and can be referenced on the website for the entirety of the study.

Data Clarification Forms



BMD Central Review



BMD Central Review Result Report Form

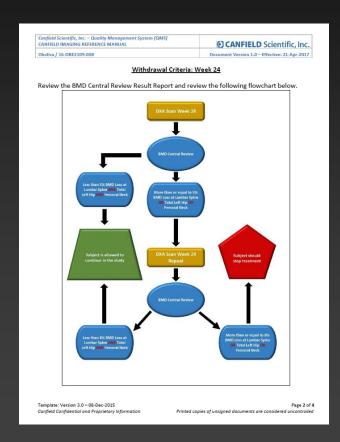
- All site submissions will be archived into the Canfield Database.
- The DXA Scan Analysis Report will be provided to a Central Reader for evaluation. The Central Reader may request repeat scans as needed.
- Once the Central Read is complete, the Treating Investigative Site and Imaging Facility will receive a notification with a hyperlink to the subject BMD Central Review Result Report with 5 days of upload receipt.
- The <u>Treating Investigative Site</u> is responsible for reviewing and printing forms.

Canfield Scientific, Inc.	– Quality Manageme	nt System (QMS)		@ CANFI	ELD Scientific, Inc	
ObsEva / 16-OBE2109-0	008 [PRIMROSE]			BMD CENT	RAL REVIEW RESULT REPOR	
Site:	Sul	bject ID:	S	econdary ID (Sub	ject YOB):	
01 01010		01010	1980			
		D MiI D	-!+- (DMD) D	W		
	Visit:	Bone Mineral Den Visit Date:	Visit:	Visit Date:	Change in % BMD	
Anatomical Area:	Baseline/Day 1	26Feb2016	Week 12	27May2016	from Baseline/Day 1:	
Lumbar Spine	1.408	g/cm ²	1.386	g/cm ²	-1.5	
Total Left Hip	1.118	g/cm²	1.091	g/cm²	-2.4	
Left Femoral Neck	1.205	g/cm ²	1.181	g/cm ²	-2.0	
☐ None	ed:					
□ None □ Repeat S			Reason:			
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Repeat S	ican nt Withdrawa	al Criteria Met	Note: If selecte	d, refer to manua	al for further Report Generated 07Aug2014	

BMD Withdrawal Criteria

- Review the BMD Central Review Result Report
 as it will indicate whether a subject has met the
 withdrawal criteria for change in % BMD.
- If Treatment Withdrawal criteria has been met, please refer to the Treatment Withdrawal Criteria section within the IRM and follow the algorithm provided for subject withdrawal procedures.
 - NOTE: There are separate charts for Week
 24, 52, and 76.
- Each BMD Central Review Result Report should be printed and filed in subject's chart.

Week 24 Example



Imaging Cycle

Treatment Visit: DXA
Scan images
/Analysis Report
performed at Imaging
Facility

DXA Scan Images/
Analysis Report and
BMD Central Review
Result Report
available on Website

DXA Scan Images & Analysis Report submitted to Canfield via Image Upload

Email hyperlink of BMD Central Review Result Report sent to Treating Investigative site and Imaging Facility

for viewing

DXA Scan Images/ Analysis Report archived by Canfield Project Team

Analysis Report submitted for Central Review

Canfield Project Team

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If the assigned study staff is unavailable, please ask for any available Project Manager.

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