



Navigating the Metron Database



Click F11 on your keyboard for full screen display!

Dependent on your screen size, the menu buttons on the Database Browser screen may appear in one or two rows.



Navigating the Metron Database

This online training session will provide you with the detailed steps of how to "Navigate the Metron Database".



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Navigating the Metron Database

This online training session will provide you with the detailed steps of how to "Navigate the Metron Database".

The Training Session Objectives:

Once completed:

- 1. You will understand the design of the Metron Database.**
2. Understand what is incorporated in the Metron Study.
3. Be able to move around in the Metron Database.

(Video Length: 6 minutes)



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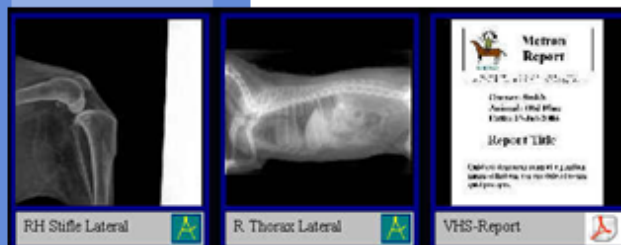


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Navigating the Metron Database



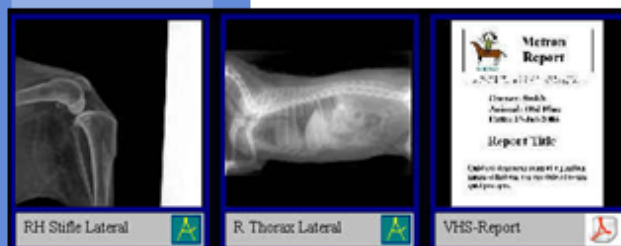
With Metron, you will always start in the 'Database Browser' screen where thumbnails of all the images in the currently selected study are displayed on the screen.



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Navigating the Metron Database



A study is the group of images for a particular owner, animal and date combination. Metron always starts at the study you were viewing when you last used Metron.

DATABASE BROWSER (Metron-DVM 7.04)

Thumbnail Options: [Default]

Browse & Acquire | Collection (0 items)

Studies with new images: ☐ Day ☐ Week ☐ Month ☒ All

Owner: [Daniel Smith] [New] [Edit] [X] [Search]

Animal: [Snickers] [New] [Edit] [X] [Search]

Date: [18-Jan-2013] [New] [Edit] [X] [Search]

[Reset Collection] [Add to Collection] [All Dates Collection]

Add New Image, Video Clip, Form, or Report

[Image File(s)...] [USB Video...] [Other Sources...]

[Add Form...] [Add Report...] [DICOM Q/R...]

Select Items: [All] [Next Region] [None]

[Multi View] [Delete] [Export] [Print]

[Stitch Images] [Burn CD/DVD] [Send Images] [Receive Images]

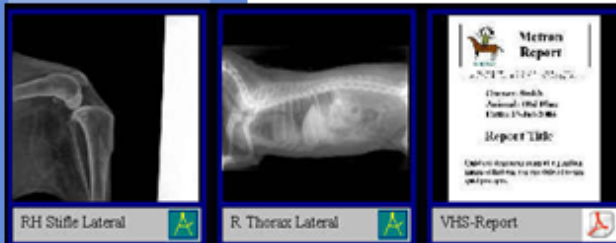
[Cut] [Copy] [Paste (0 items)]

[WL] Double-click a thumbnail to view 0

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Navigating the Metron Database



A study is the group of images for a particular owner, animal and date combination. Metron always starts at the study you were viewing when you last used Metron.



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Navigating the Metron Database

The database can be browsed using the selections in the upper portion of the **'Database Browser'** panel.

DATABASE BROWSER (Metron-DVM 7.04)

Thumbnail Options... Default

Browse & Acquire | **Collection (0 items)**

Studies with new images ☐ Day ☐ Week ☐ Month ☒ All

Owner: Daniel Smith

Animal: Snickers

Date: 18-Jan-2013

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Navigating the Metron Database

The database can be browsed using the selections in the upper portion of the '**Database Browser**' panel. Selecting choices in the pull downs allow you to display the image thumbnails of any study in the database.

DATABASE BROWSER (Metron-DVM 7.04)

Thumbnail Options... Default

Browse & Acquire | Collection (0 items)

Studies with new images ☐ Day ☐ Week ☐ Month ☒ All

Owner: Daniel Smith

Animal: Snickers

Date: 18-Jan-2013

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Navigating the Metron Database

The database can be browsed using the selections in the upper portion of the '**Database Browser**' panel.

Selecting choices in the pull downs allow you to display the image thumbnails of any study in the database. The **database is organized** by Owner, Animal, and Date.

DATABASE BROWSER (Metron-DVM 7.04)

Thumbnail Options... Default

Browse & Acquire | **Collection (0 items)**

Studies with new images ☐ Day ☐ Week ☐ Month ☒ All

Owner: Daniel Smith

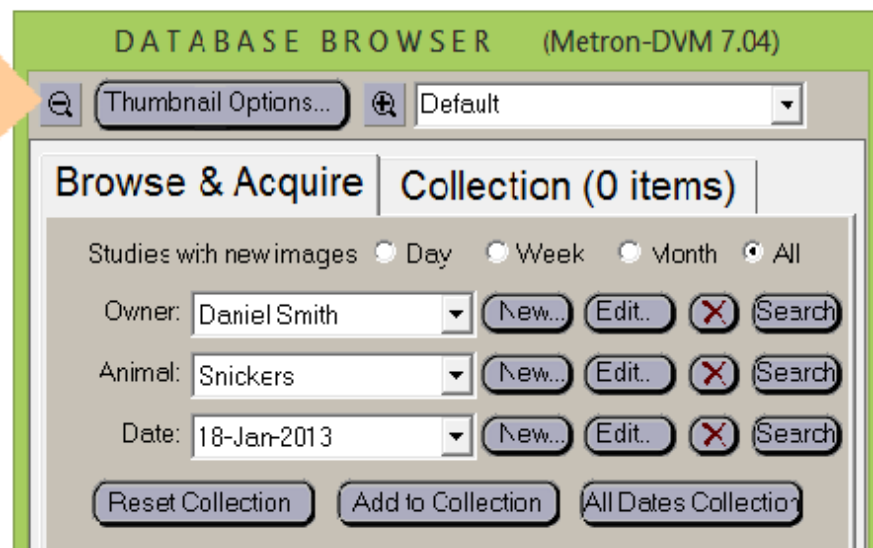
Animal: Snickers

Date: 18-Jan-2013

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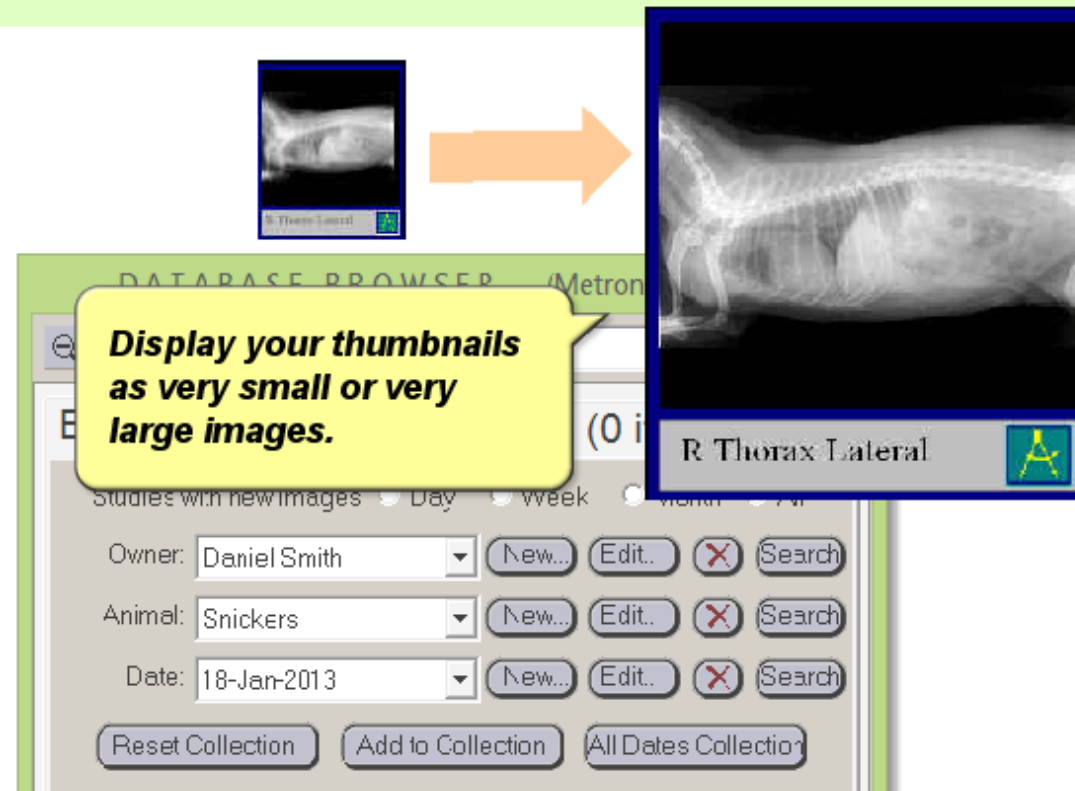
Navigating the Metron Database

The size of the thumbnails, can be adjusted here on the left.



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Navigating the Metron Database

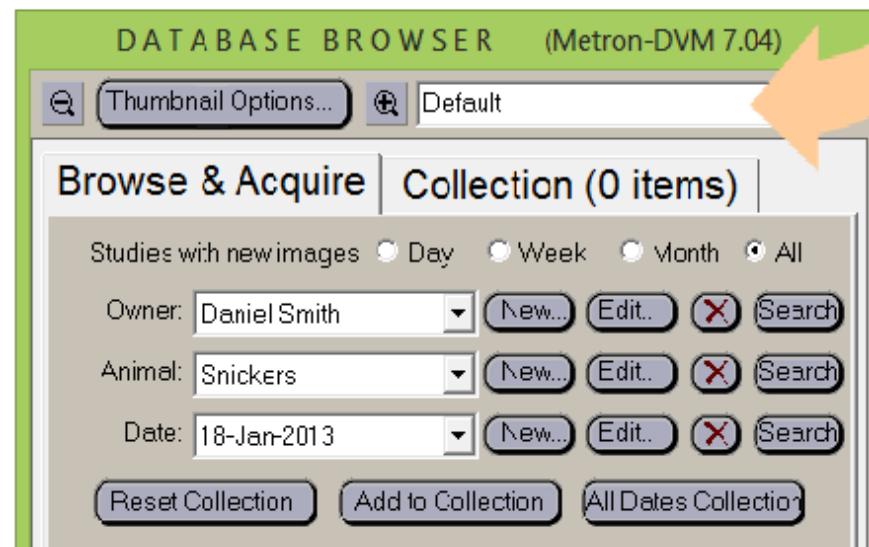


The screenshot displays the Metron Database interface. At the top, a small thumbnail of a thorax lateral X-ray is shown next to a large orange arrow pointing to a larger version of the same image. Below the thumbnail, a yellow callout box contains the text: **Display your thumbnails as very small or very large images.** The main interface features a search bar with the text "DATABASE BROWSER" and "Metron". Below the search bar, there are filters for "Studies with new images" and "Day", "Week", and "Month". The search criteria are: Owner: Daniel Smith, Animal: Snickers, and Date: 18-Jan-2013. Each criterion has "New...", "Edit...", and "Search" buttons. At the bottom, there are buttons for "Reset Collection", "Add to Collection", and "All Dates Collection". The large image on the right is labeled "R Thorax Lateral" and has a small "A" icon in the bottom right corner.

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The name of the currently selected database is shown here on the right. *Note:* There is always a local (on all PCs) database named 'Default'.



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Navigating the Metron Database

You are able to filter the display images in the browser. Choose to display the images based on a timeframe, showing only today, this week, or this month. The default display mode is **'All'** images.

DATABASE BROWSER (Metron-DVM 7.04)

Thumbnail Options... Default

Browse & Acquire | **Collection (0 items)**

Studies with new images ☐ Day ☐ Week ☐ Month ☒ All

Owner: Daniel Smith [New...] [Edit..] [X] [Search]

Animal: Snickers [New...] [Edit..] [X] [Search]

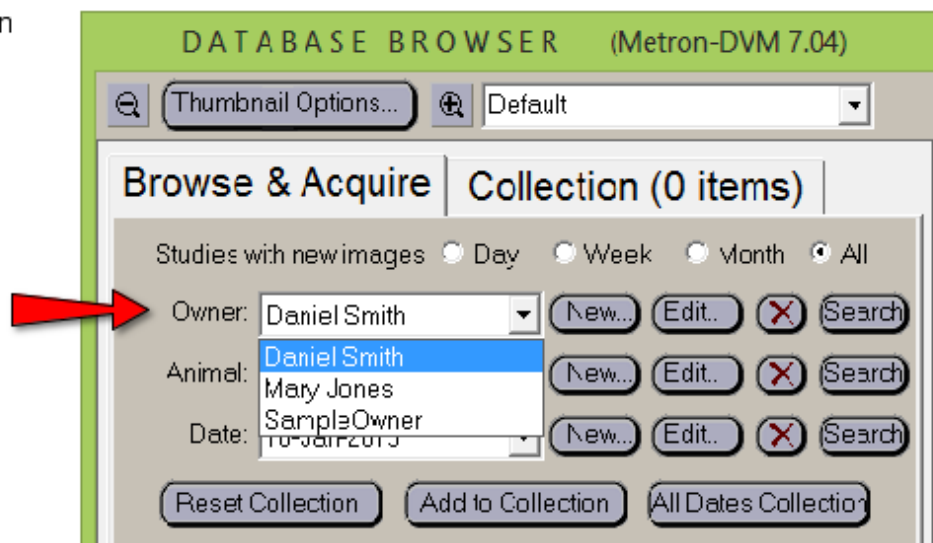
Date: 18-Jan-2013 [New...] [Edit..] [X] [Search]

[Reset Collection] [Add to Collection] [All Dates Collection]

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The first selection option is based on the owner. Using the pull down arrow to the right of the field, you are able to select a specific owner.



DATABASE BROWSER (Metron-DVM 7.04)

Thumbnail Options... Default

Browse & Acquire | **Collection (0 items)**

Studies with new images ☐ Day ☐ Week ☐ Month ☒ All

Owner: Daniel Smith

Animal: Daniel Smith

Date: Mary Jones

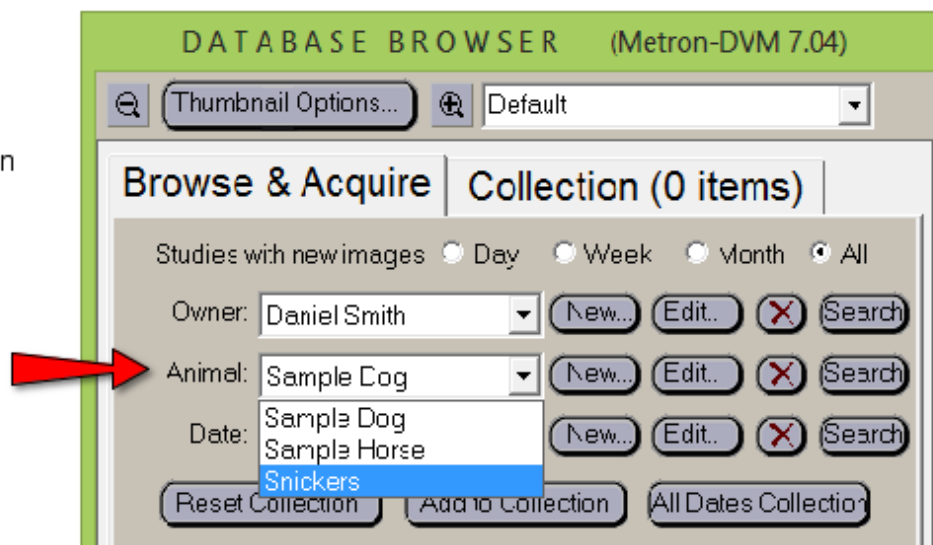
SampleOwner

10-Jan-2013

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The next selection option is based on the animal name. Using the pull down arrow to the right of the field, you can select a specific animal.



DATABASE BROWSER (Metron-DVM 7.04)

Thumbnail Options... Default

Browse & Acquire | Collection (0 items)

Studies with new images ☐ Day ☐ Week ☐ Month ☒ All

Owner: Daniel Smith [New...] [Edit..] [X] [Search]

Animal: Sample Dog [New...] [Edit..] [X] [Search]

Date: Sample Dog
Sample Horse
Snickers [New...] [Edit..] [X] [Search]

[Reset Collection] [Add to Collection] [All Dates Collection]

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Navigating the Metron Database *What's new* **7** in METRON

Available in Metron 7, additional species anatomy graphics/charts.

New Animal

Name:

Basic Information | More Information | Radiograph Annotation

Enter basic information (Optional)

Patient ID: 2013220113750

Species:

Breed:

Sex: ☒ Male ☒ Neutered

Date of Birth:

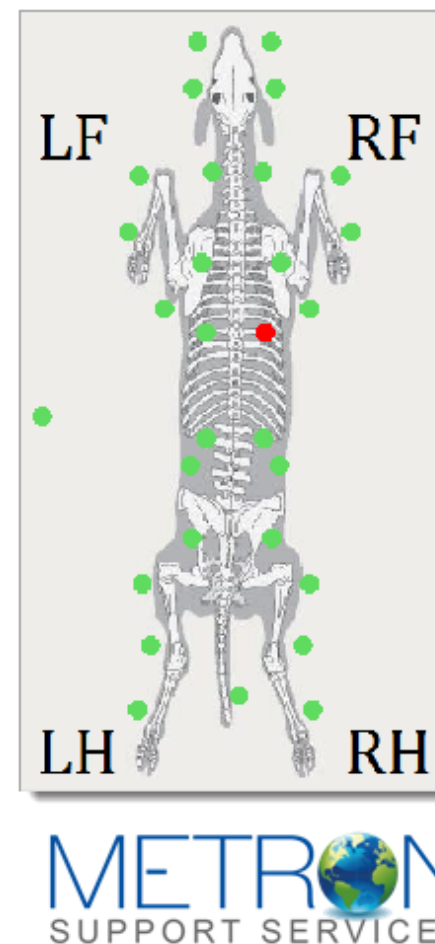
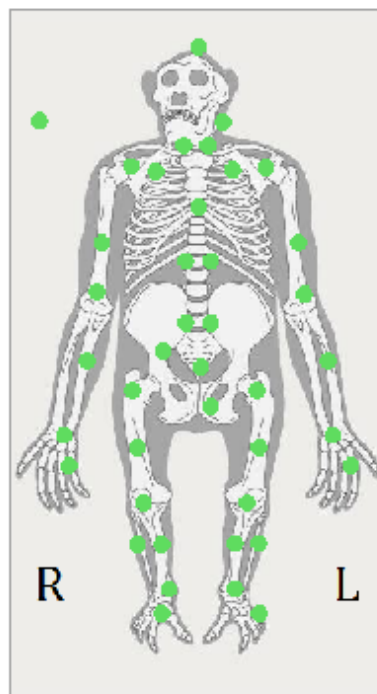
OK Cancel

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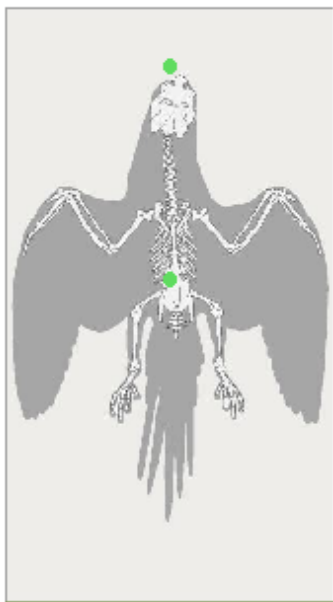
Available in Metron 7, additional species anatomy graphics/charts.

Metron has a new graphic for **large animal**. This would be used for goat, sheep, pig, cattle and cloven hooved animals.

We have also added a **primate graphic**.

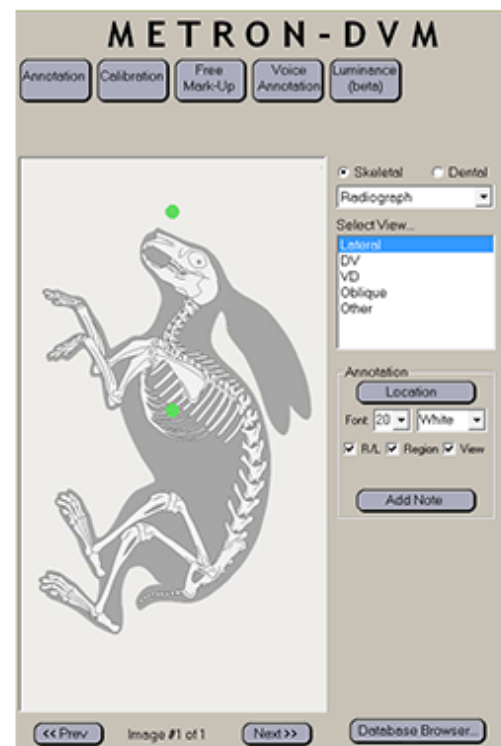
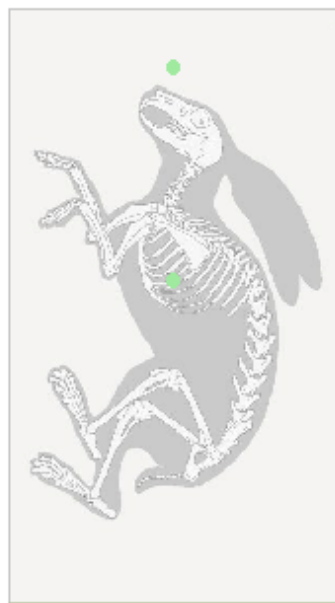
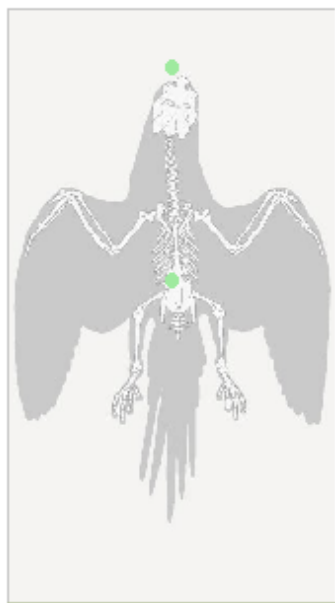


Anatomy chart graphics have also been added for **birds**, **rabbits**, and **rodents**.



Navigating the Metron Database *What's new* **7** in METRON

Anatomy chart graphics have also been added for **birds, rabbits, and rodents**.

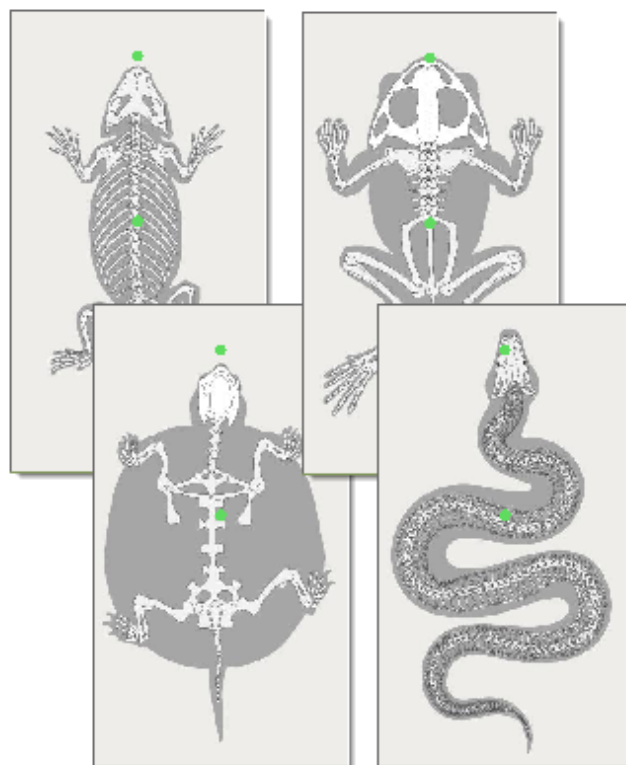


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Navigating the Metron Database

What's new
in METRON 7

If the species "**Reptile**" is selected, under the Breed selector, the user can specify and see new graphics for **lizard**, **turtle**, **toad**, and **snake**.



New Animal

Name:

Basic Information | More Information | Radiograph Annotation

Enter basic Information (Optional)

Patient ID:

Species:

Breed:

Sex: ☒ Male ☒ Neutered

Date of Birth:

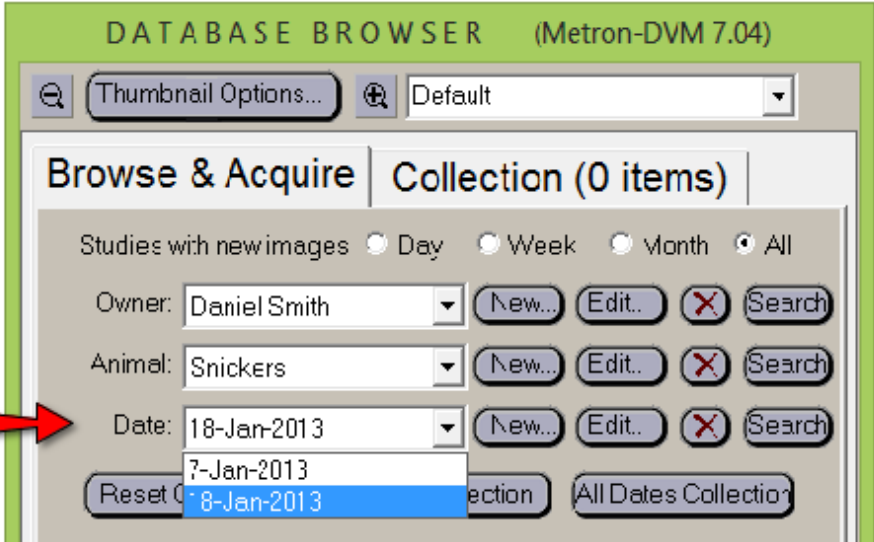
OK Cancel

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The date will default to the most recent date. You can select other dates by using the pull down arrow.

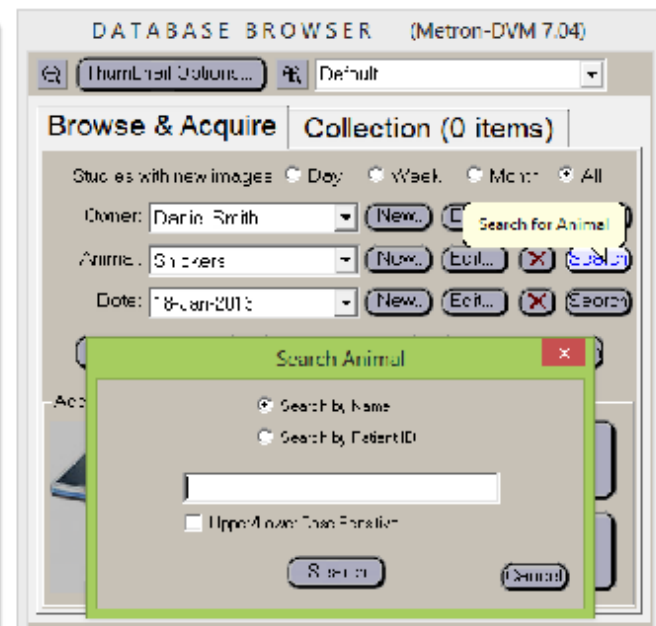
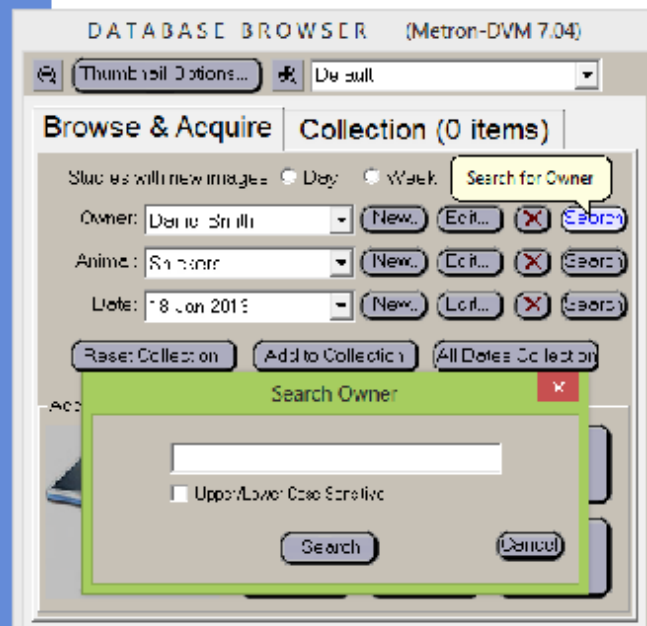


The screenshot shows the 'DATABASE BROWSER (Metron-DVM 7.04)' window. It features a search bar at the top with 'Thumbnail Options...' and a 'Default' dropdown. Below this is a 'Browse & Acquire' section with a 'Collection (0 items)' tab. The 'Studies with new images' section includes radio buttons for 'Day', 'Week', 'Month', and 'All'. Below these are three rows of search criteria: 'Owner: Daniel Smith', 'Animal: Snickers', and 'Date: 18-Jan-2013'. Each row has 'New...', 'Edit.', and 'Search' buttons. A red arrow points to the 'Date' dropdown menu, which is open, showing a list of dates: '18-Jan-2013', '7-Jan-2013', and '8-Jan-2013'. The '8-Jan-2013' option is highlighted in blue. At the bottom of the date dropdown is a 'Reset' button and a 'Collection' button.

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As your image database grows, you may want to use the **'Search'** buttons to search for a particular owner or animal. For example, you could type in "SampleDog" in the animal field and all of the studies for animals with that name will be listed.



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What is a Collection? (Metron-DVM 7.04)

Browse & Acquire | **Collection (2 items)**

Studies with new images ☐ Day ☐ Week ☐ Month ☒ All

Owner: Daniel Smith

Animal: Snickers

Date: 18-Jan-2013

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Navigating the Metron Database

Generally, all images of one single study are shown as thumbnails on the screen. Metron also allows you to group images together from more than one study. This kind of image grouping is called a **'Collection'**.

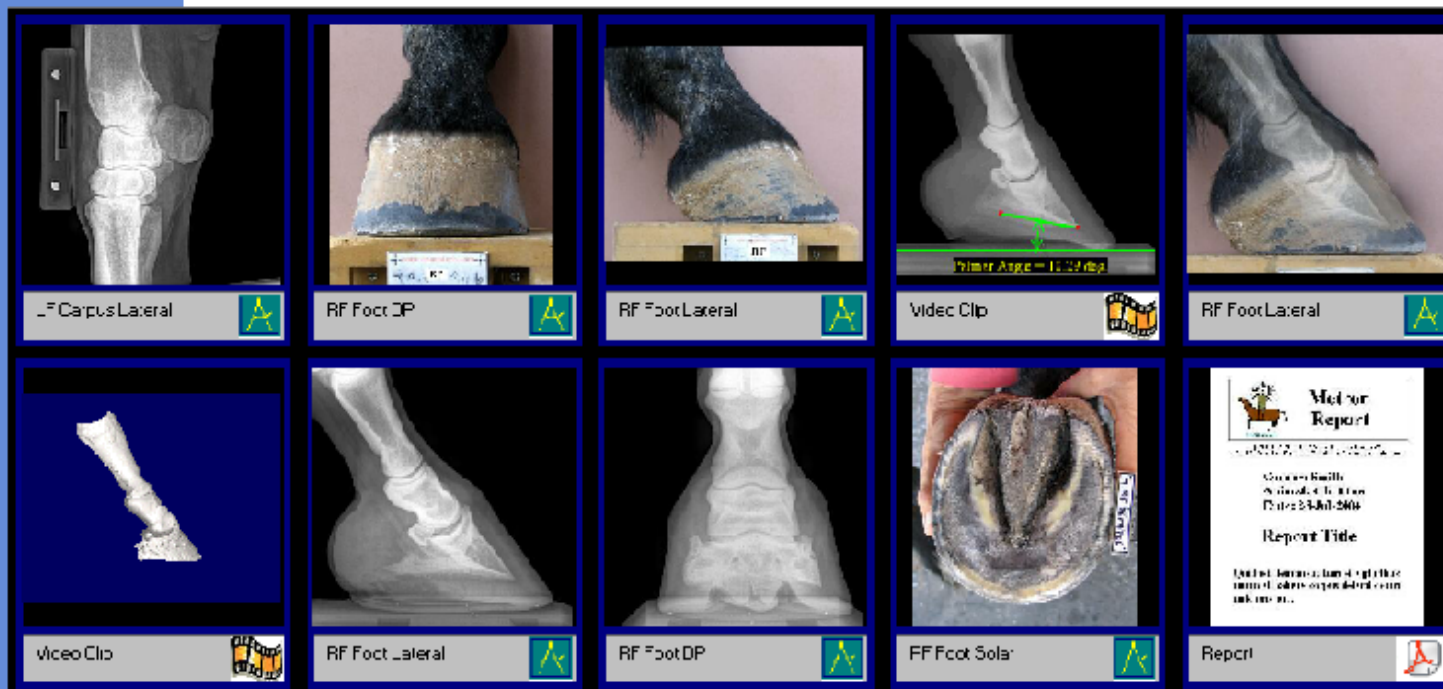
The screenshot shows the 'DATABASE BROWSER (Metron-DVM 7.04)' window. At the top, there is a search bar with a magnifying glass icon, a 'Thumbnail Options...' button, and a dropdown menu set to 'Default'. Below this is a tabbed interface with 'Browse & Acquire' and 'Collection (2 items)'. The 'Browse & Acquire' tab is active, showing filters for 'Studies with new images' (radio buttons for Day, Week, Month, All, with 'All' selected) and three input fields: 'Owner: Daniel Smith', 'Animal: Snickers', and 'Date: 18-Jan-2013'. Each field has 'New...', 'Edit.', and 'Search' buttons. At the bottom are 'Reset Collection', 'Add to Collection', and 'All Dates Collection' buttons.



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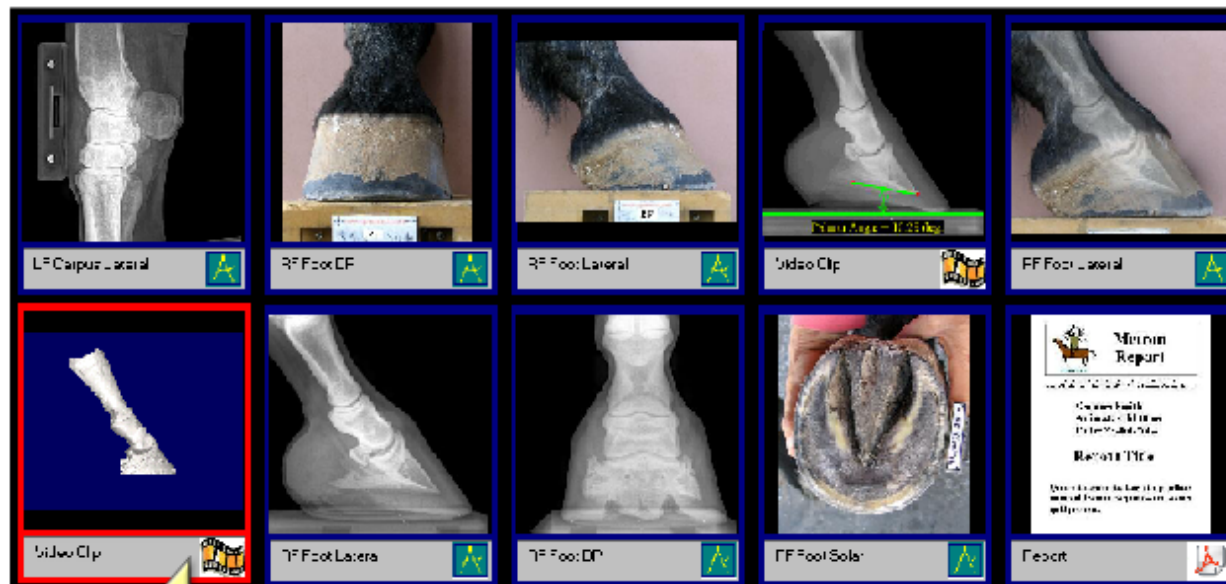
Besides images, other items can be stored in the database. These items displayed on the screen constitute the contents of the selected study and can include video clips, forms, and reports.



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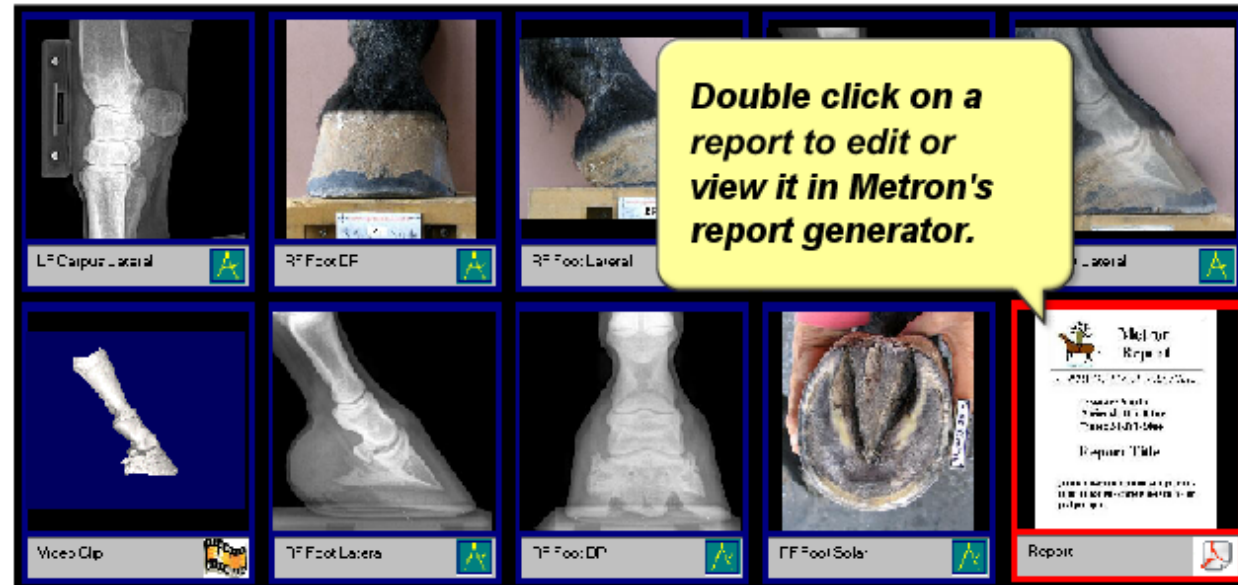
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Double click on a video clip to show it in Metron's video player.

Navigating the Metron Database



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Navigating the Metron Database

Double click on any one of the thumbnails to view it in the 'Single Viewer Screen'.

The screenshot displays the METRON-DVM software interface. At the top, a grid of eight thumbnails shows various images: two X-rays of a carpus, two photographs of a horse's head, two photographs of a horse's foot, and a photograph of a horse's hoof. A yellow callout box points to the grid with the instruction: "Double click on any one of the thumbnails to view it in the 'Single Viewer Screen'." Below the grid, a larger window shows a detailed view of a horse's hoof. The interface includes a sidebar with a skeletal diagram of a horse, labeled with LF, RF, LH, and RH, and a list of anatomical locations: Skull, Cervical, Thoracic, Lumbar, Sacral, Pelvic, and Other. The main window also features a toolbar with various icons for navigation and analysis.

METRON-DVM

Annotations Calibration Free Mark-Up Graded Mark-Up Measurements Scores

Photograph Select View: Lateral CP CA Dorsal Medial Other

Location: Feet: LF RF LH RH

Auto Hide

Customize Display

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Navigating the Metron Database

In the following five slides, you will be presented questions
to evaluate your knowledge of
"Navigating the Metron Database".

Let's get started! 



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Navigating the Metron Database

In Metron, the Database Browser is where thumbnails of all images:

- ☐ in the last study created are displayed on the screen.
- ☒ in the currently selected study are displayed on the screen.
- ☐ in the oldest study are displayed on the screen.

Submit

Congratulations, your answer is correct!

Sorry, your answer is incorrect. Please try again.

Navigating the Metron Database

A study is:

- ☒ the group of images for a particular owner, animal and date combination.
- ☐ the group of images for a particular owner and animal combination.
- ☐ the group of images for a particular animal and date combination.

Submit

Congratulations, your answer is correct!

Sorry, your answer is incorrect. Please try again.

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Navigating the Metron Database

Metron always starts at the study:

- ☐ you last created in Metron
- ☒ you were viewing when you last used Metron.
- ☐ first alphabetically by owner name.

Submit

Congratulations, your answer is correct!

Sorry, your answer is incorrect. Please try again.

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The study date will always default to the:

- ☐ oldest study date
- ☐ January 1 of the current year
- ☒ most recent date

Submit

Congratulations, your answer is correct!

Sorry, your answer is incorrect. Please try again.

Navigating the Metron Database

You would _____ on a video clip to show it in Metron's video player, on a report to edit or view in Metron's report generator, and on any thumb nail to view it in "Single Image View."

- ☐ Right click
- ☒ Double click the left mouse button
- ☐ Left click

Submit

Congratulations, your answer is correct!

Sorry, your answer is incorrect. Please try again.



Navigating the Metron Database

This completes the "Navigating the Metron Database" online training. Please feel free to view it again or select another online training session to review.



Click F11 on your keyboard to minimize the browser screen and click the window closed to exit this training session.

