Physiometrics™

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1. Physiometrics

Physiometrics enables you to see changes in your clients bodies over time.

It enables you to help your client set goals, take repeatable pictures and see the results in an easy to use package.

2. Physiometrics Security

2.1. Log in

The log in screen ensures that all users have to log in to use the Physiometrics software.

Type into the text boxes on the screen the **Username** and **Password** that you used to log onto the computer and then **Left Click** on the **Enter** button.

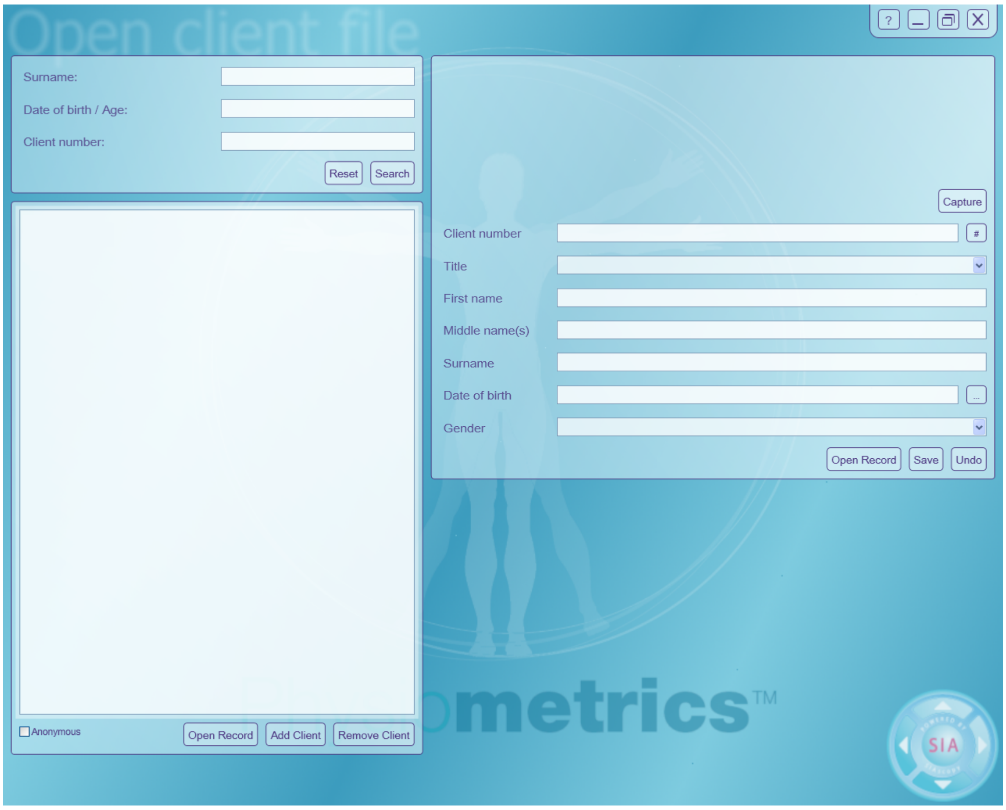
If your username and password are correct the Open Client File screen will be displayed.

Note

If you do not know your computer log in username and password please contact your computer administrator.

3. Open Client File

The open client file screen allows you to open a client record, add a new client record and remove existing client's records.



3.1. Open a Record

To open a record you must first select the client record you require. This is done by either **Left Clicking** on the client's name from the client list or using the client search to find it for you.

Once the client's name has been found **Left Click** on the **Open Record** button.

Open Record button

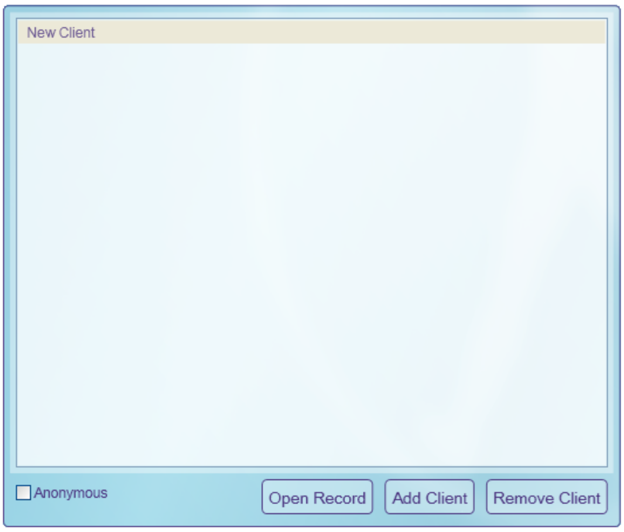
The client's record will be loaded and the Select images screen will be displayed.

3.2. Add a Client

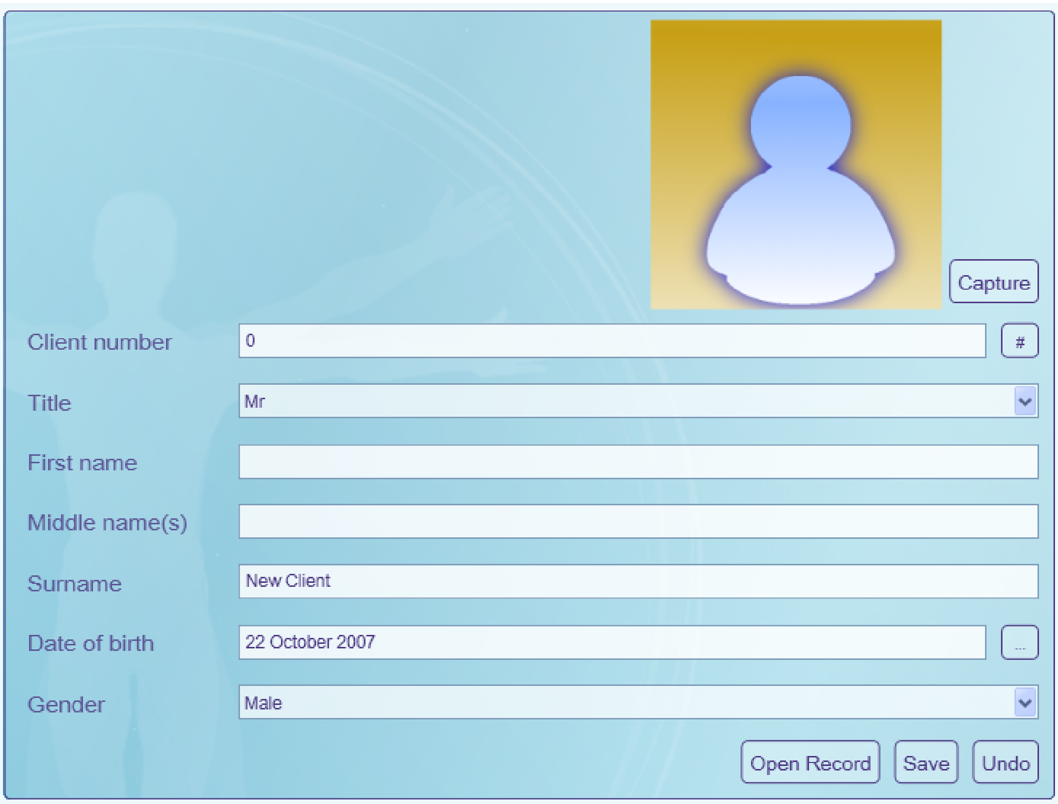
To add a client to Physiometrics **Left Click** on the **Add Client** button.

Add Client button

In the list of client's the text **New Client** will be displayed.



The client's details can be added to their record using the text boxes displayed on the right.



The image displayed for the client is the default used if the client's image is not captured. To add the client's image to their record **Left Click** on the **Capture** button.

Capture button

Note

To clear the details entered from every box **Left Click** on the **Undo** button.

Undo button

Once complete **Left Click** on the **Save** button.

Save button

The client's name will be displayed in the list of client's on the left.

To open the the client's record **Left Click** on the **Open Record** button.

Open Record button

The client's record will be loaded and the Select images screen will be displayed.

3.3. Remove a Client

To remove a client from Physiometrics **Left Click** on their name from the list and then **Left Click** on the **Remove Client** button.

Open Record button

3.4. Search For Client's

Search for client's easily using the search feature on the screen. The search section of the open client file screen is shown below.

You can use three types of search criteria to find the client.

- **Surname**: This will search for the client by the surname entered into the text box. The whole name does not need to be entered to use this, however if more than one client meets your search criteria they will all be displayed in the client list.
- **Date of Birth / Age**: This will search for the client by the date of birth or age entered into the text box. If more than one client meets your search criteria they will all be displayed in the client list.
- **Client Number**: This will search for the client by the number entered into the text box. The whole number does not need to be entered to use this, however if more than one client meets your search criteria they will all be displayed in the client list.

When you have entered your search criteria **Left Click** on the **Search** button.

Search button

The client list will be updated to show matches to your search criteria.

To clear the search boxes **Left Click** on the **Reset** button.

Reset button

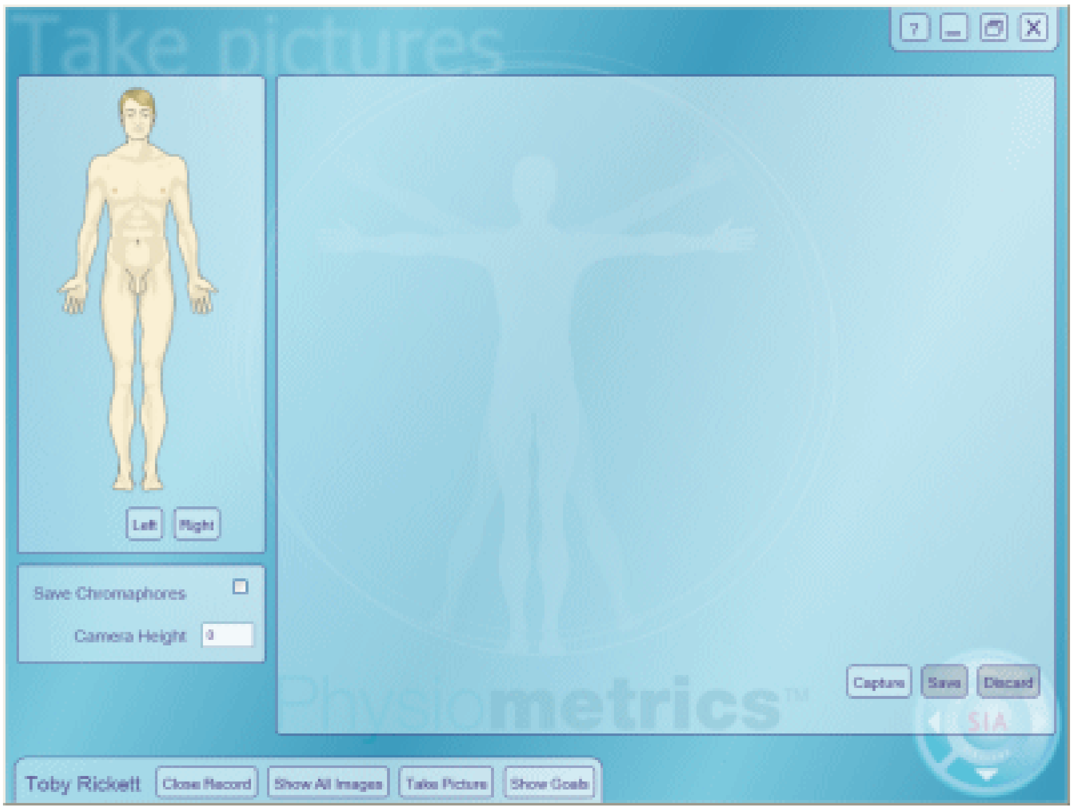
4. Capture the Client's picture

4.1. Take Picture

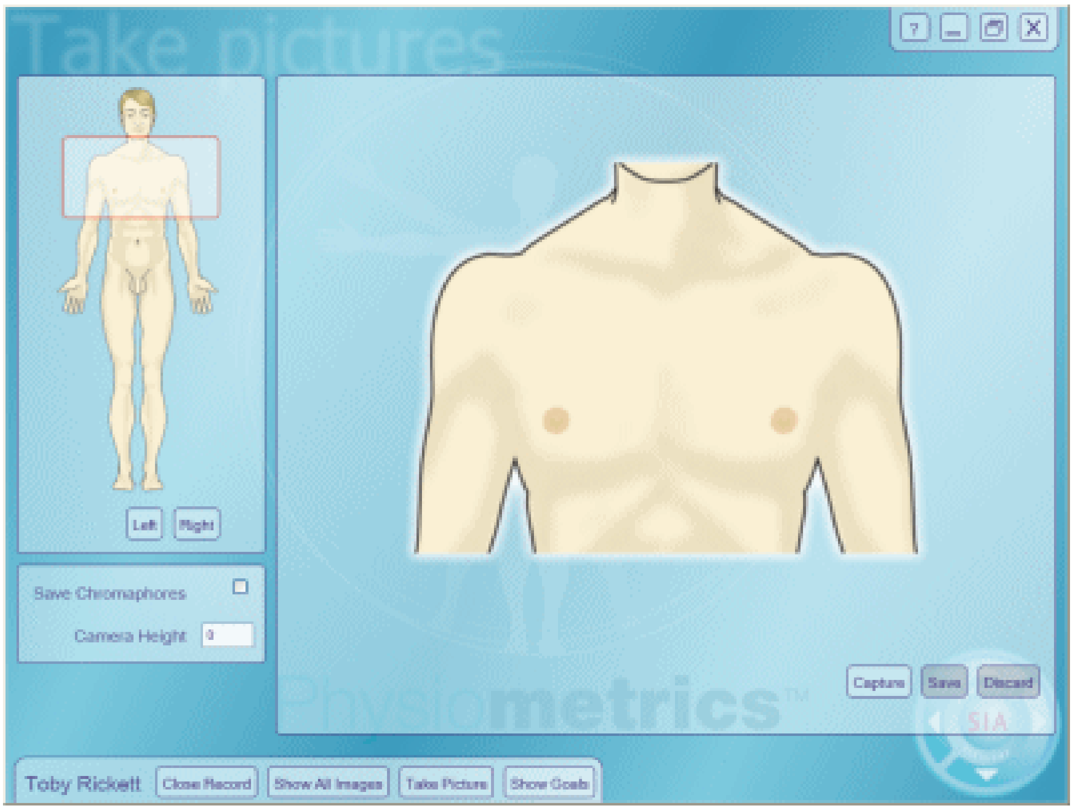
To add a picture to the client's record **Left Click** on the **Take Picture** button.

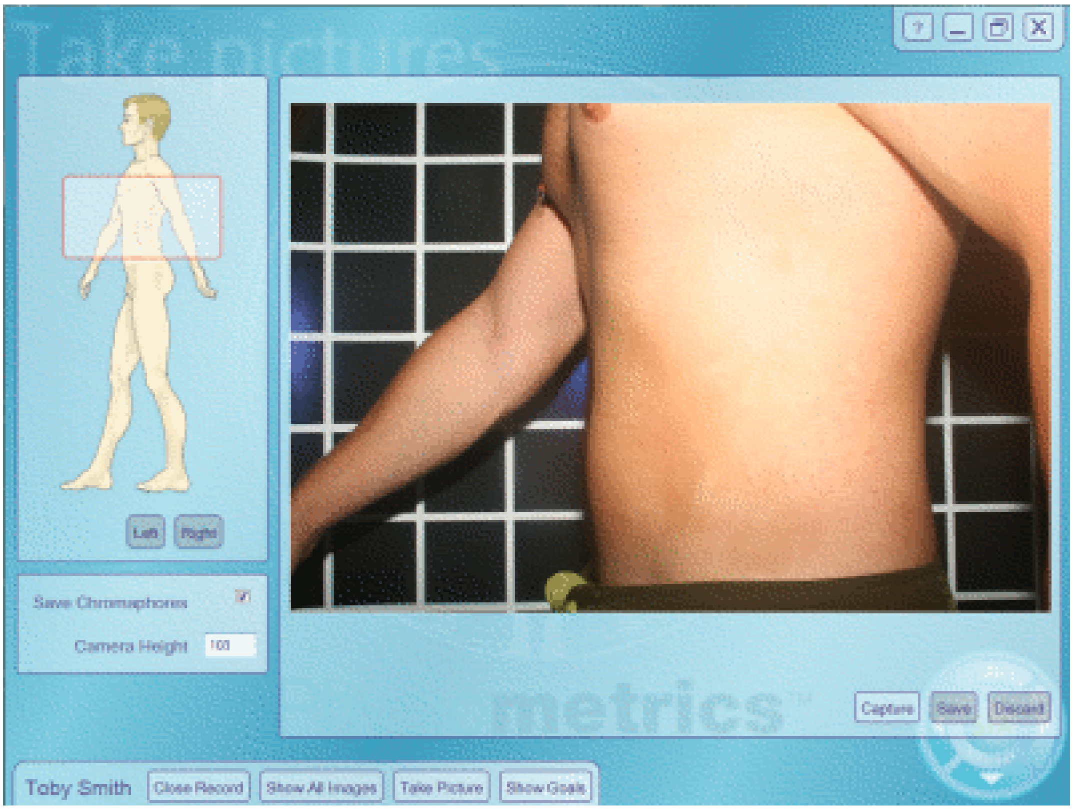
Take Picture button

The Take pictures screen will be displayed.



Begin by identifying the area being photographed by **Left Clicking** on the **mannequin**. The mannequin can be rotated to see the required view by **Left Clicking** on the **Left** button or the **Right** button. The area identified will be highlighted on the mannequin and, if there is no previous picture for the area on the mannequin, that area will be displayed in the middle of the screen. If there is a previous picture for that area, the last picture taken for the area will be displayed.





If you require the Chromophores to be saved along with the colour image **Left Click** on the Save Chromophores check box. This can be found in the box underneath the mannequin.

Save chromophores not selected

Save chromophores selected

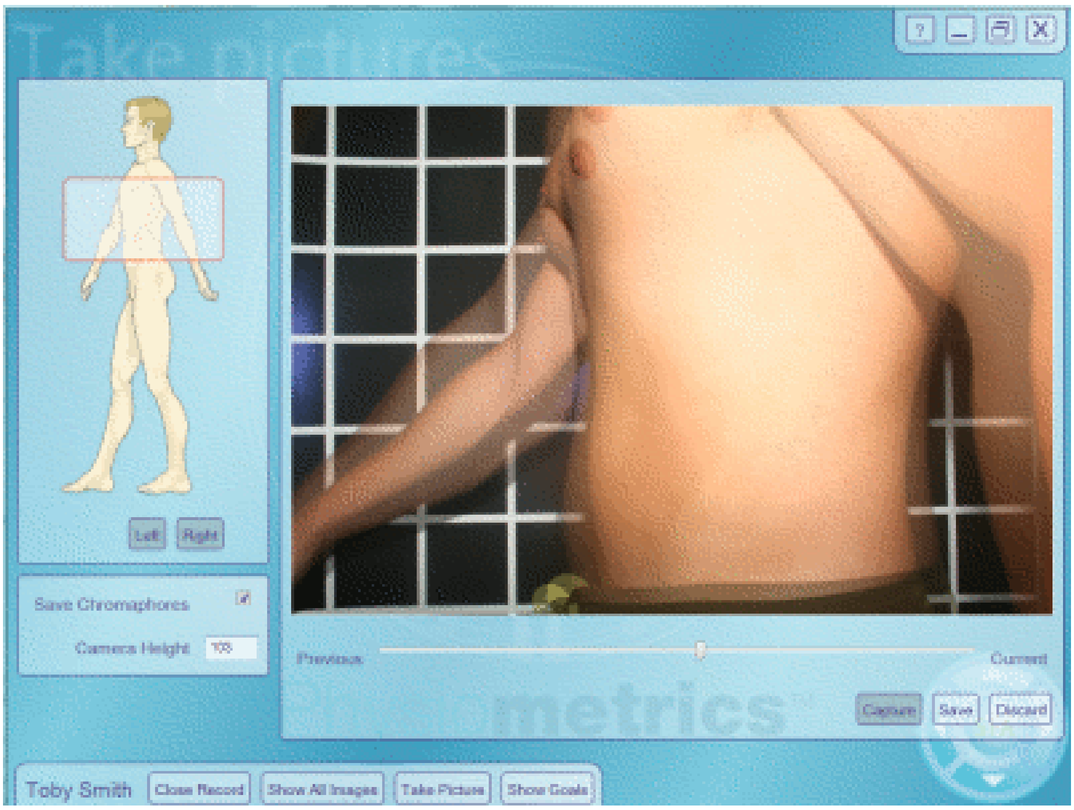
Note: Save Chromophores is only available if you have purchased the SIAScopy module.

Next set the height at which the camera is at when capturing the image. This can be found by looking at the graduated camera stand. Enter the value into the **Camera Height** box.

Now you are ready to capture the picture. Make sure that the camera is ready and that the client is positioned correctly. Then **Left Click** on the **Capture** button.

Capture button

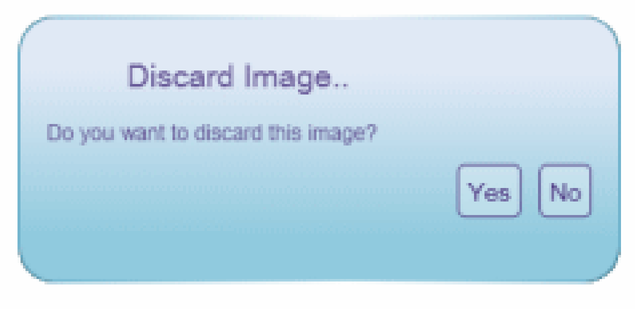
Once the picture has been processed it will be displayed on the screen. A slide bar will also appear under the picture which will allow you to compare the new picture against the previously taken picture. If there is no previous picture, the zoomed mannequin area picture will be shown instead.



If the picture needs to be retaken **Left Click** on the **Discard** button.

Discard button

Confirm whether or not you are going to discard the image by **Left Clicking** on the **Yes** button or the **No** button displayed in the message window on the screen.



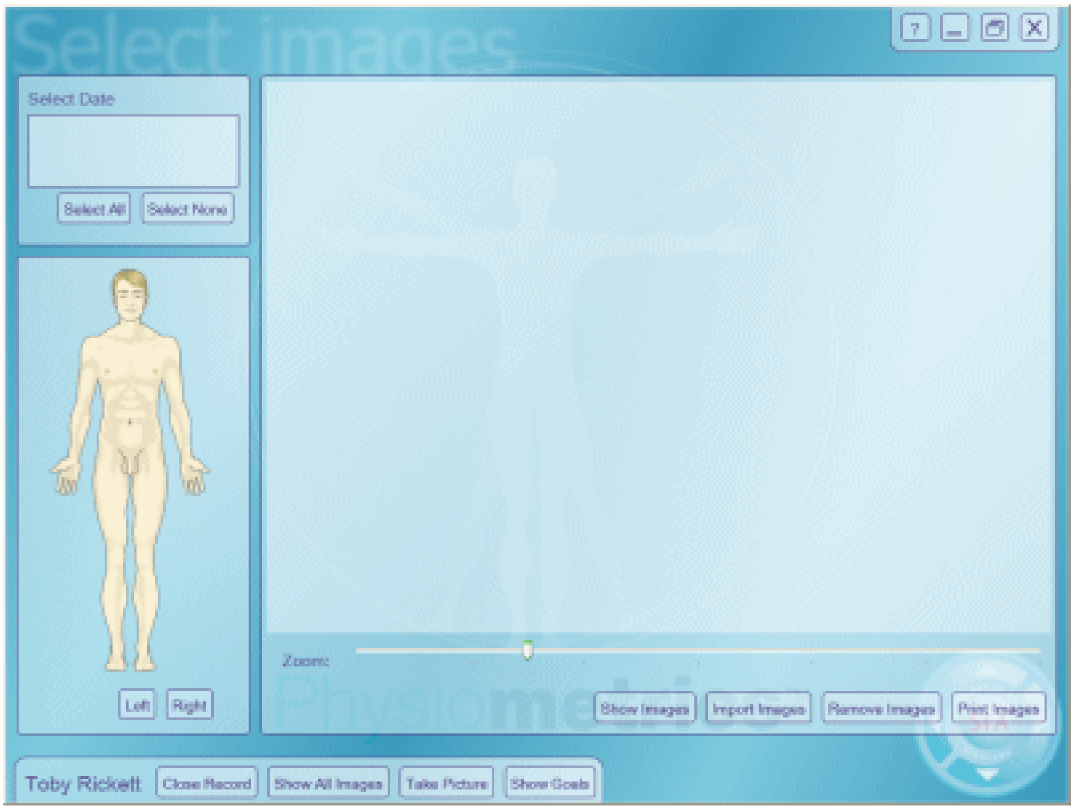
To save the captured picture **Left Click** on the **Save** button.

Save button

The picture will be saved to the client's record. Repeat this process to map other areas of the client's body.

5. List All Images

The **Select Images** screen allows you to see the client's images.



5.1. Show Images

Select the image to be viewed by **Left Clicking** on the image required. Then **Left Click** on the **Show Images** button.

Show Images

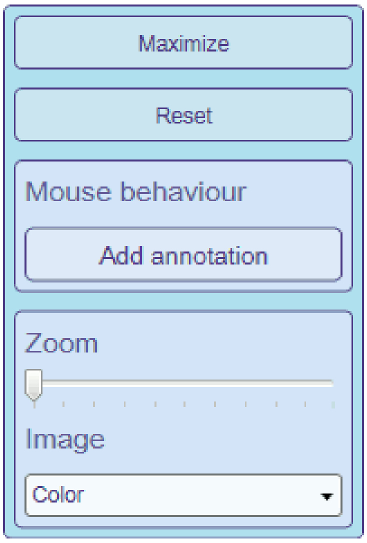
The image will be displayed on the **View Images** screen.

Note

To compare two images **Left Click** on the two images required and then on the **Show Images** button.

5.2. Viewing one image

In the top left hand corner of the screen you can see the image tool panel. Move your mouse pointer over the tool panel to activate it.



Left Clicking on the **Maximise** button will fill the entire screen with the image being viewed.

Maximise button

To restore the image to its original size when maximised, **Left Click** on the **Close** button.

Close button

Left Clicking on the **Reset** button will restore all of the image settings to the default.

Reset button

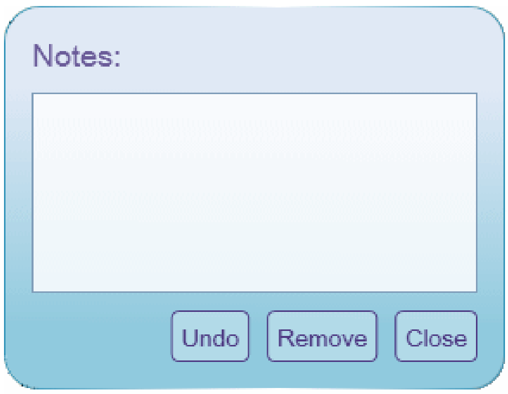
It is possible to **Left Click** and **Hold** on the image and drag it to the desired position on the screen.

If you click the **Add annotation** button, this will enable you to add notes to either image. If you then click the **Cancel annotation** button it will cancel the adding of the annotation.

Add annotation button

Cancel annotation button

Notes can be added to a specific area on the image. This is done by **Left Clicking** and **Dragging** on the image to create a box. When the box is displayed on the image **Left Click** on it. This will open a notes window.



Type the notes into the notes box and when complete **Left Click** on the **Close** button.

Close button

To remove the notes box and the area from the image **Left Click** on the **Remove** button.

Remove button

To undo any text added to the notes box **Left Click** on the **Undo** button. The notes text will go back to the last saved entry.

Undo button

A preview of the notes entered for an area drawn onto the image can be seen by hovering over the area with the mouse.

If you need to zoom in on the image, **Left Click** and **Drag** on the **Zoom** slide bar until the desired magnification is reached on the image.

You can also switch between the different chromphores of the image by **Left Clicking** on the drop down arrow on the end of the image box and select the chromophore to be shown from the list.

Note

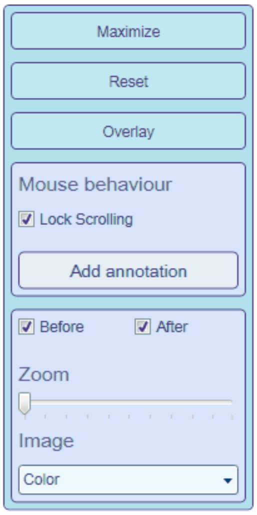
The additional chromophores can only be viewed if the Save Chromophore option was selected when capturing the client's image.

5.3. Viewing using Parallel

Left Click on the **Parallel** button to display both images side by side on the screen.

Parallel button

In the top left hand corner of the screen you can see the image tool panel. Move your mouse pointer over the tool panel to activate it.



Left Clicking on the **Maximise** button will fill the entire screen with the image being viewed.

Maximise button

To restore the image to its original size when maximised, **Left Click** on the **Close** button.

Close button

Left Clicking on the **Reset** button will restore all of the image settings to the default.

Reset button

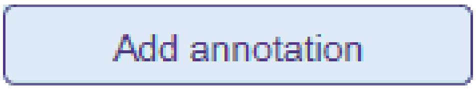
Left Clicking on the **Overlay** button will switch the view so that the images are overlayed on top of eachother.

Overlay button

It is possible to **Left Click** and **Hold** on the image and drag it to the desired position on the screen.

Unchecking the **Lock Scrolling** option will allow you to move the images independently of eachother.

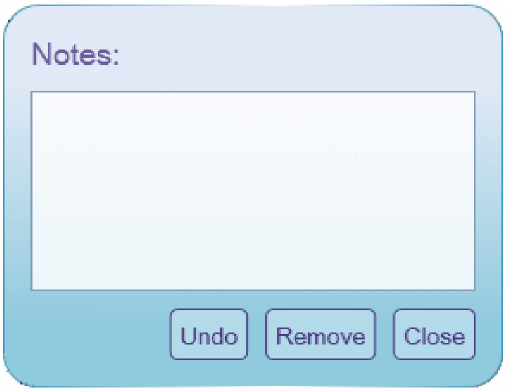
If you click the **Add annotation** button, this will enable you to add notes to either image. If you then click the **Cancel annotation** button it will cancel the adding of the annotation.



Add annotation button

Cancel annotation button

Notes can be added to a specific area on the image. This is done by **Left Clicking** and **Dragging** on the image to create a box. When the box is displayed on the image **Left Click** on it. This will open a notes window.



Type the notes into the notes box and when complete **Left Click** on the **Close** button.

Close button

To remove the notes box and the area from the image **Left Click** on the **Remove** button.

Remove button

To undo any text added to the notes box **Left Click** on the **Undo** button. The notes text will go back to the last saved entry.

Undo button

If you need to zoom in on the image, **Left Click** and **Drag** on the **Zoom** slide bar until the desired magnification is reached on the image.

Unchecking the **Before** option will only allow the **After** image to be zoomed in on. Unchecking the **After** option will only allow the **Before** image to be zoomed in on. If both options are unchecked then the zoom feature is disabled.

You can also switch between the different chromphores of the image by **Left Clicking** on the drop down arrow on the end of the image box and select the chromophore to be shown from the list.

Note

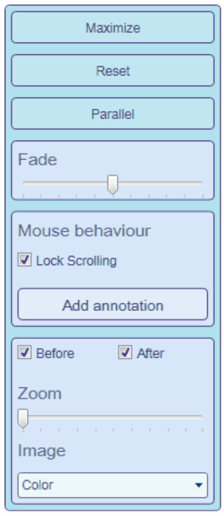
The additional chromophores can only be viewed if the Save Chromophore option was selected when capturing the client's image.

5.4. Viewing in Overlay

Left Click on the **Overlay** button to display both of the images on top of each other.

Overlay button

In the top left hand corner of the screen you can see the image tool panel. Move your mouse pointer over the tool panel to activate it.



Left Clicking on the **Maximise** button will fill the entire screen with the image being viewed.

Maximise button

To restore the image to its original size when maximised, **Left Click** on the **Close** button.

Close button

Left Clicking on the **Reset** button will restore all of the image settings to the default.

Reset button

Left Clicking on the **Parallel** button will switch the view so that the images are side by side.

Parallel button

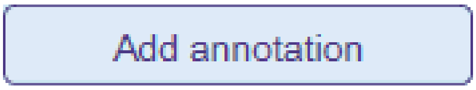
Left Click and drag on the **Fade** slide bar to fade between the two images. Dragging the slider to the **Left** will fade out the **After** image. Dragging the slider to the **Right** will fade out the **Before** image.

It is possible to **Left Click** and **Hold** on the image and drag it to the desired position on the screen.

Unchecking the **Lock Scrolling** option will allow you to move the images independently of eachother.

Unchecking the **Lock Scrolling** option will allow you to move the **After** image only.

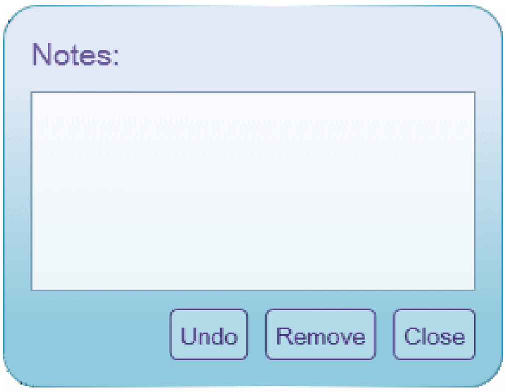
If you **Left Click** the **Add annotation** button, this will enable you to add notes to either image. If you then click the **Cancel annotation** button it will cancel the adding of the annotation.



Add annotation button

Cancel annotation button

Notes can be added to a specific area on the image. This is done by **Left Clicking** and **Dragging** on the image to create a box. When the box is displayed on the image **Left Click** on it. This will open a notes window.



Type the notes into the notes box and when complete **Left Click** on the **Close** button.

Close button

To remove the notes box and the area from the image **Left Click** on the **Remove** button.

Remove button

To undo any text added to the notes box **Left Click** on the **Undo** button. The notes text will go back to the last saved entry.

Undo button

If you need to zoom in on the image, **Left Click** and **Drag** on the **Zoom** slide bar until the desired magnification is reached on the image.

Unchecking the **Before** option will only allow the **After** image to be zoomed in on. Unchecking the **After** option will onlt allow the **Before** image to be zoomed in on. If both options are unchecked then the zoom feature is disabled.

You can also switch between the different chromphores of the image by **Left Clicking** on the drop down arrow on the end of the image box and select the chromophore to be shown from the list.

Note

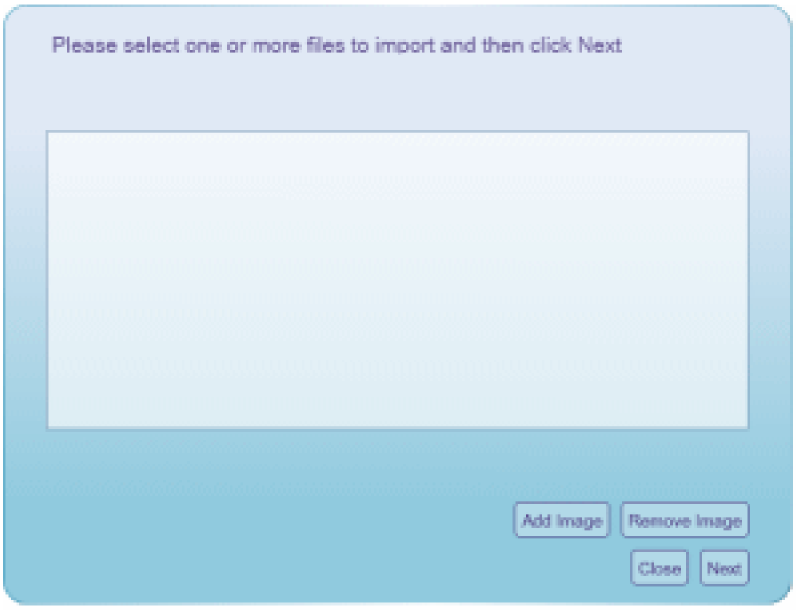
The additional chromophores can only be viewed if the Save Chromophore option was selected when capturing the client's image.

5.5. Import Images

To import an image from an external source **Left Click** on the **Import Images** button.

Import Images button

The import window will be displayed on the screen.



Left Click on the **Import** button.

Import Button

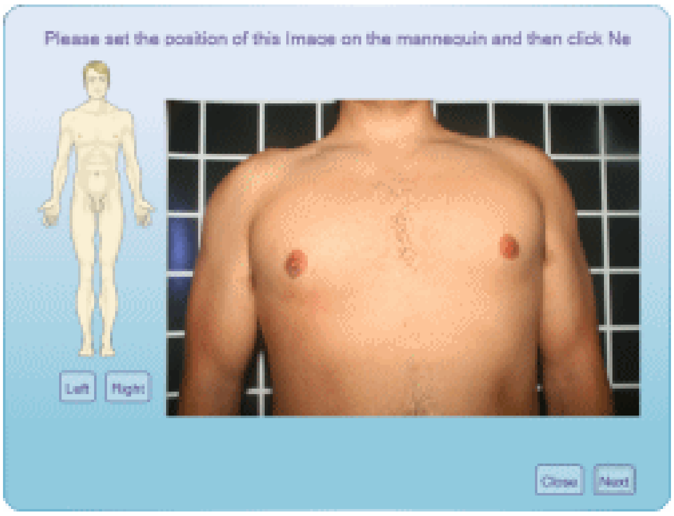
In the open window navigate to the location of the image and **Left Click** on the **Open** button. The location path of the image will be shown in the window. **Left Click** on the **Next** button.

Next button

Set the position of the image on the mannequin by **Left Clicking** on the required position on the mannequin, then **Left Click** on the **Next** button.

Next button

This will complete the import and the image will be displayed in the list of images.

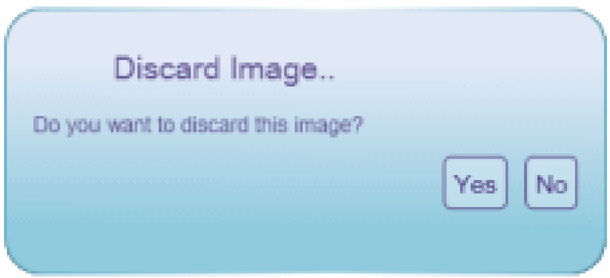


5.6. Remove Images

To remove an image from the client's record select the image by **Left Clicking** on the image required. Then **Left Click** on the **Remove Images** button.

Remove Images button

Confirm whether or not you are going to remove the image by **Left Clicking** on the **Yes** button or the **No** button displayed in the message window on the screen.



6. Show Goals

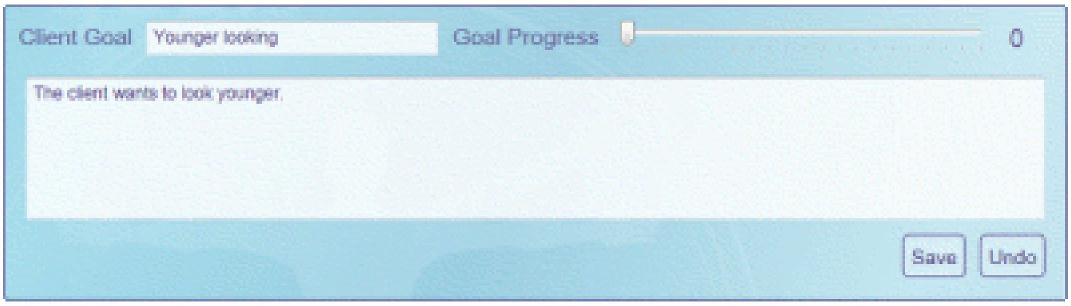
Browse goals
Client Goals
Client Goal
Goal Progress
0
Save
Undo
Zoom
Add Goal
Remove Goal
Add Images
Remove Images
Show Images
Richard Hopwood
Close Record
Show All Images
Take Picture
Show Goals

6.1. Add Goal

To add a goal to the client goals list **Left Click** on the **Add Goal** button.

Add Goal button

The text New Goal will appear in the list of goals. Enter a name of the goal in the Client Goal text box and enter any notes required in the notes box underneath.



When complete **Left Click** on the **Save** button.

Save button

Note

If you are reviewing a client goal you may want to update the Goal Progress. To do this **Left Click** on the slide bar and drag it to the desired position on the scale.

Note

If you have updated the client goal notes but do not want to keep the changes **Left Click** on the **Undo** button. This will restore the notes to the previously saved text.

Undo button

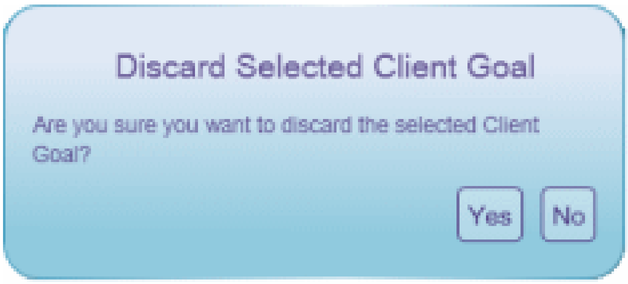
6.2. Remove Goal

To remove a client goal **Left Click** on the name of goal in the client's goal list. The goal will be highlighted blue.

Then **Left Click** on the **Remove Goal** button.

Remove goal button

Confirm whether or not you are going to discard the goal by **Left Clicking** on the **Yes** button or the **No** button displayed in the message window on the screen.



6.3. Add Images

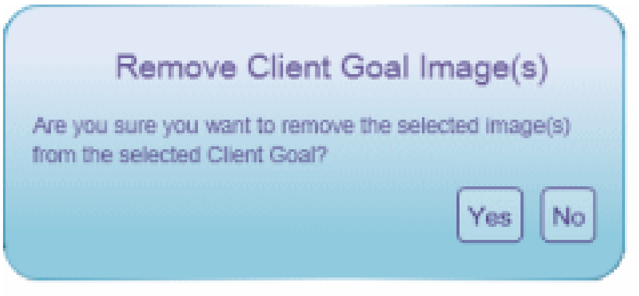
To add an image to the client goal **Left Click** on the **Add image** button. The client images window will be displayed. Choose the image to be added by **Left Clicking** on it and then **Left Clicking** on the **OK** button to add the image. The image will be displayed on the client goal.

Add images button

6.4. Remove Images

To remove an image from the client goal **Left Click** on the image to be removed.

Confirm whether or not you are going to discard the image by **Left Clicking** on the **Yes** button or the **No** button displayed in the message window on the screen.



6.5. Show Images

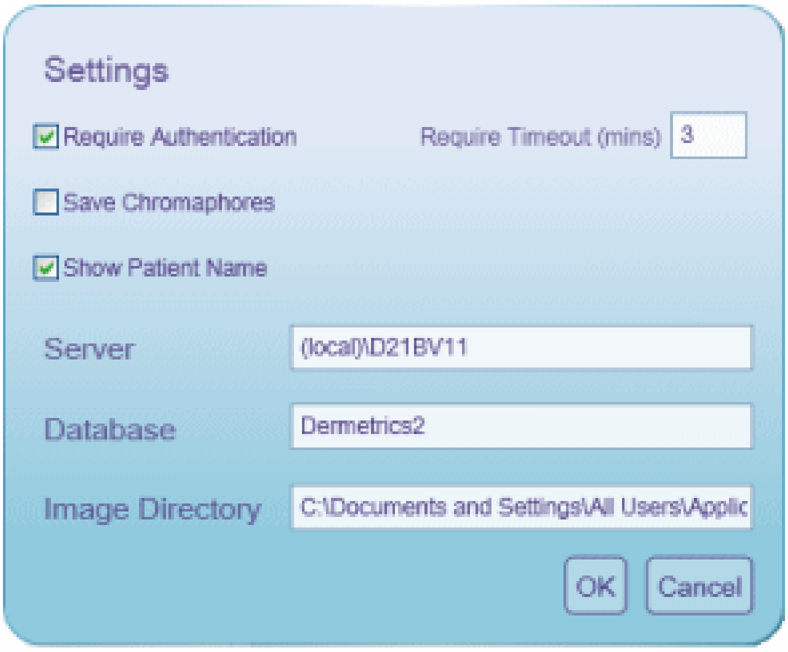
You can view the client's image by **Left Clicking** on the **Show images** button. Details on how to use this are covered in the **Show Images** section of this guide.

7. Physiometrics Settings

The Physiometrics settings can be viewed by **Left Clicking** on the **Settings** button. This can be found in the top right hand corner of the screen.

Settings button

The settings window will be displayed on the screen.



The settings options can be changed by checking or unchecking the boxes. Each setting is explained below.

- **Require Authentication**: Unchecking this option disables the need to log into Physiometrics each time it loads.
- **Require Timeout(mins)**: This setting controls the length of time Physiometrics waits before requiring the user to log in again. When you log back in Physiometrics will be at the screen you left it on. If no timeout is required, but initial login is still required, set this to 0.
- **Save Chromophores**: Checking this option will save the chromophores for each image captured (only available if you have purchased the SIAScopy module).
- **Show Patient Name**: Unchecking this option means that the client number will be displayed on the screen instead of their name.
- **Server**: This is the server name of the database.
- **Database**: This is the name of the database currently being used.
- **Image Directory**: This is the path to the data directory that stores all of the images.

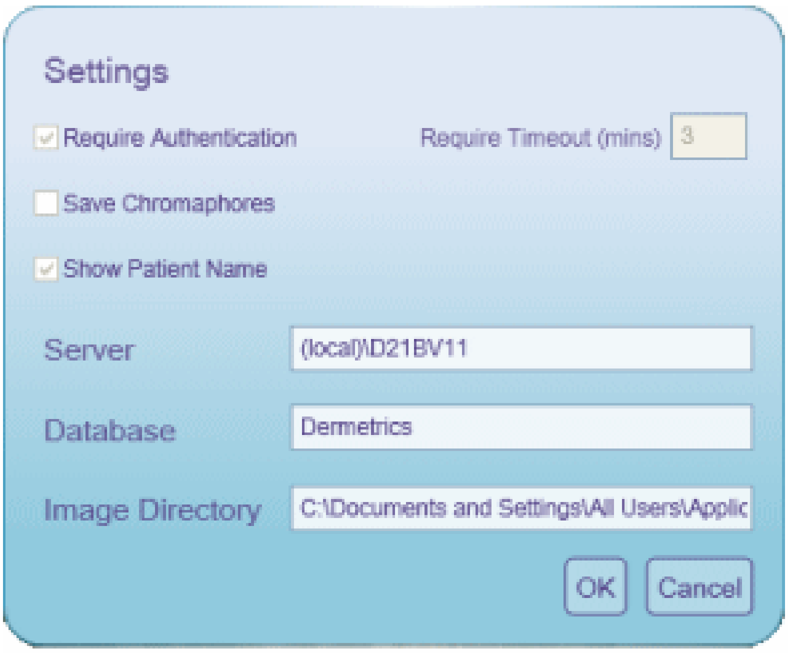
Once you made the required changes **Left Click** on the **OK** button.

OK button

7.1. Invalid Database warning

If you see a window on your screen displaying the text **Invalid Database** it means that there is a connection problem with the database. **Left Click** on the **OK** button.

This will load the settings window.



Check that the **Server**, **Database** and **Image Directory** entries are correct in the text boxes. If the entries are incorrect, edit them and **Left Click** on the **OK** button.

8. Troubleshooting Guide

Table 1. Troubleshooting Guide

Problem	Cause	Solution
Camera Issues		
Camera does not operate.	Power is not turned on.	Switch the camera on.
	Insufficient power in the battery.	Charge the battery.
	Battery cover is not closed.	Close the battery cover.
Flash Issues		
Flash does not operate.	Power is not turned on.	Switch the flash on.
	Insufficient power in the batteries.	Charge or replace the flash batteries.
Pilot light on the flash does not change to red.	Insufficient power in the batteries.	Charge or replace the flash batteries.
Software Issues		
SIAscopy logo does not change to green.	Camera is not turned on.	Switch Camera on.
	USB cable is not plugged in.	Plug USB cable into camera and computer.
	USB cable is damaged.	Replace USB cable.

9. Astron Clinica Support Contact Details

If you have any technical issues regarding the installation of this product please contact our technical support team who will be able to assist you.

Table 2. Astron Clinica Support Contact Details

Region	Telephone Number	Email Address
Europe, Middle East and Africa	+44(1) 223 265001	support@astronclinica.com
Australia	1300 889 340	support@astronclinica.com.au
ASIAPAC	+61 (7) 3303 8472	support@astronclinica.com.au
USA	+1 516-622-2357	support-usa@astronclinica.com

10. Acknowledgements and Notices

SIA, SIAscanner, SIAscope, SIAscan, SIAscopy, COSMETRICS, Astron Clinica, SIAscope V, DERMETRICS, Beau Visage, Beauty Timeline, Medi-Spa, MoleMate and Powered by SIAscopy are registered trademarks of Astron Clinica Ltd.

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11. Revisions

Table 3. Revisions

Revision No	Revision Description	Date
Revision 1.0	Final Version	08.11.07

12. Third Party Software Licences

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