

# Manual

## Query Client 2.5



**mediCAD<sup>®</sup>**

The Orthopedic Solution

[www.mediCAD.eu](http://www.mediCAD.eu)





## Query Client 2.5

mediCAD Hectec GmbH assumes no liability whatsoever for the accuracy or completeness of the information contained in this document and disclaims any implied warranties derived therefrom.

mediCAD Hectec GmbH shall under no circumstances be liable for any damage arising from the use or inability to use any information, apparatus, method or process disclosed in this document.

mediCAD Hectec GmbH reserves the right to modify the design and specifications contained herein without prior notice.

All product designations and company names are trademarks or registered trademarks of the corresponding companies.

Windows, Windows XP, Windows Vista and Windows 7, 8 and 10 are trademarks of Microsoft Corporation.

**CE 0483**

Product: mediCAD® QueryClient

mediCAD Hectec GmbH  
Opalstraße 54  
DE-84032 Altdorf (Landshut)

**Germany**

Print number: 463, Issue date 04/2017

© 2017 mediCAD Hectec GmbH – All rights reserved.

The functionality of QueryClient described herein doesn't claim to be complete. If you are missing clinically relevant functions and calculations or if you find any errors, we would appreciate being informed. Please contact mediCAD Hectec GmbH at:

**Tel:** +49 871 330 203-0  
**Fax:** +49 871 330 203-99  
**Email:** [support@mediCAD.eu](mailto:support@mediCAD.eu)



# mediCAD<sup>®</sup>

## The Orthopedic Solution

<b>GENERAL INFORMATION</b>	4
INSTALLATION	4
LEGAL INFORMATION	4
<i>Data protection</i>	4
CUSTOMER FEEDBACK	4
WARNING AND SAFETY INSTRUCTIONS	4
<b>BASICS</b>	5
PROGRAM START	5
SCREEN LAYOUT	5
MENU BAR	7
<i>File</i>	7
<i>Manage</i>	7
<i>Administration</i>	8
<i>Help</i>	13
MISCELLANEOUS	13
<b>WORKING WITH QUERYCLIENT</b>	14
LOADING FROM A FILE	14
LOADING FROM A CD/DVD	14
LOADING FROM PACS	14
IMAGE SELECTION AND PATIENT INFORMATION	15
MODULE SELECTION	17
PERFORMING A PLANNING	18
STORED PLANNINGS	18
IMPORTING A PLANNING	19
OPENING IMPORTED IMAGES	19
ERROR CODES	20
NOTES	21-23



# General information

### Installation

You can find information about installing the QueryClient and the system requirements on the enclosed installation CD or in the installation manual.

### Legal information

The operating and user software used in this product is protected by copyright. The software may only be used if it has been approved by mediCAD Hectec and is operated in a configuration approved by mediCAD Hectec. mediCAD Hectec reserves the right to modify the programming and the technical data contained herein without prior notice. Please contact mediCAD Hectec to receive the latest information about mediCAD®.

### Data Protection

Personal data is subject to data protection. Please observe the corresponding country-specific legal provisions.

### Customer feedback

Your feedback is important to us.  
Your feedback helps us to make QueryClient even better.

Please contact us directly by phone:  
**+49 871 330 203-0** or email: [support@mediCAD.eu](mailto:support@mediCAD.eu)

We welcome any feedback.

We are sure QueryClient will help you with your daily work. We wish you success.

### Warning and safety instructions

In order to use QueryClient safely, it is essential to read this user manual carefully. We assume that QueryClient will only be used by qualified personnel.

**WARNINGS and NOTES**  
are indicated in the documentation as follows:



#### NOTE

Provides you with notes or instructions on how to optimally use the software and other useful information.



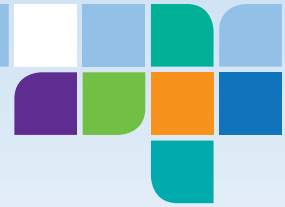
#### CAUTION

Indicates any circumstances or consequences that you should pay particular attention to when working with QueryClient.



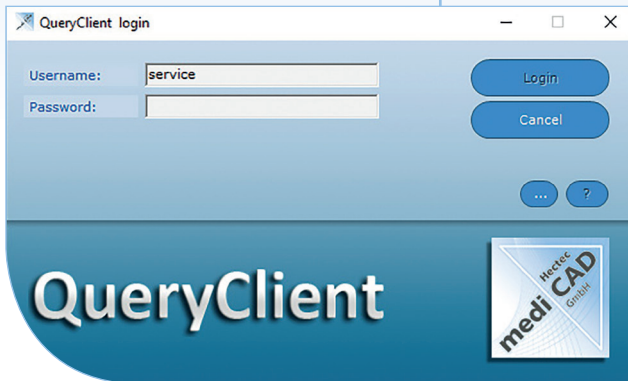
#### WARNING

Indicates any situations or circumstances that could cause serious consequences for patients, users, or any other person if they are not followed.



# Basics

## Program start



To start mediCAD® QueryClient, please double-click on the program icon. When the application is started, the login window opens. Please enter the user name and your password. For more information on the password, see page 7. To manage your passwords, please contact your administrator.

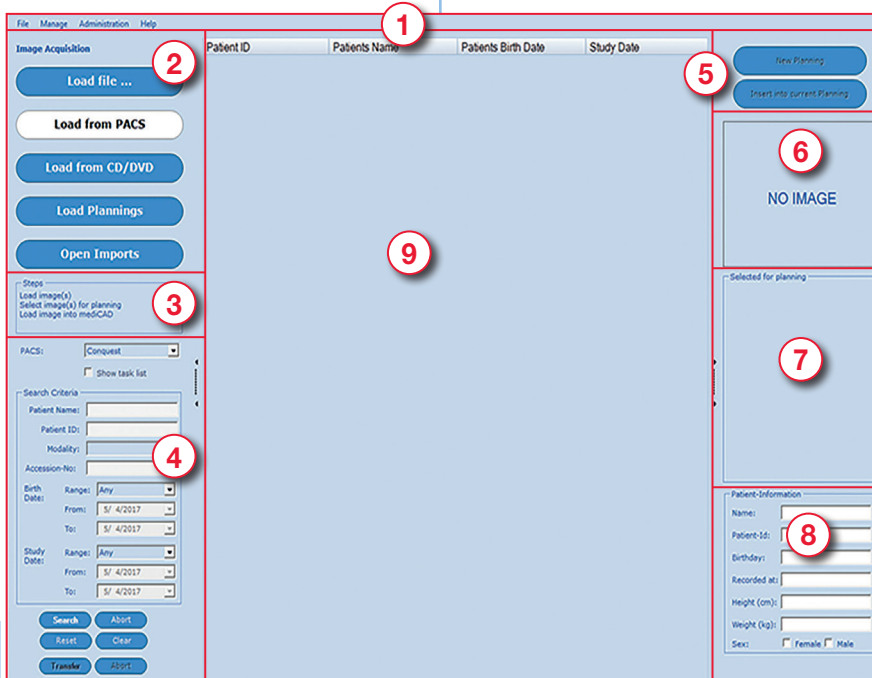
### NOTE



The language can be selected after the program starts.

## Screen layout

The QueryClient screen is divided into the following areas.



- 1 Menu bar
- 2 Image sources
- 3 Wizard
- 4 Search parameters
- 5 Planning function
- 6 Image selection (current)
- 7 Image selection (selected for planning)
- 8 Patient information
- 9 Results list



## Query Client 2.5

### Menu bar

Use the menu bar to access general features – User logout and Exit program, Manage and Settings, Help and Software information.

### Image sources

Here you can select from which source you want to load your images. The following options are available:

- Load file
- Load from PACS
- Load from CD/DVD
- Load Plannings
- Open Imports

### Wizard

Keyword-like description that guides you through the work sequence.

### Search parameters

In this area, you can use a variety of search parameters to specifically search for a patient or a specific study.

The following options are available:

- DICOM Node  
*(depending on integration and permissions for your user name)*
- Showing and hiding a task list  
*(only if a task list server exists)*
- Patient name
- Patient ID
- Birth date *(select directly or by time period)*
- Study date *(select directly or by time period)*
- Modality

### Planning function

The planning function lets you start a new mediCAD® planning with a selected image or add a selected image to a planning.

### Image selection

Displays the image currently selected for planning as a thumbnail, or lets you select additional images for planning.

### Patient information

Displays the patient information stored in the selected image.

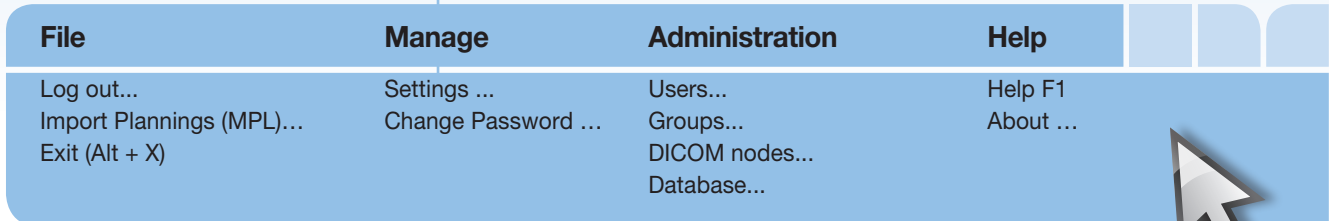
### Results list

Displays the results of the selected search parameters.



**Menu bar**

The menu bar is located at the top of the screen and has the following system items. The individual items are described in detail below.

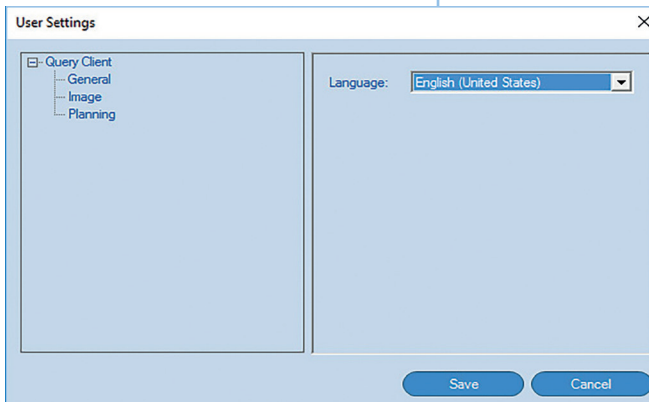


**File**

- Log out...: Logs out the logged on user.
- Import Plannings (MPL)...: Imports MPL planning files

**Manage**

- Settings...:



- General
- Language
  - English (United States)
  - Deutsch (Deutschland)
- Image
  - Displays the modality on the image
- Planning
  - Shares a planning for the user

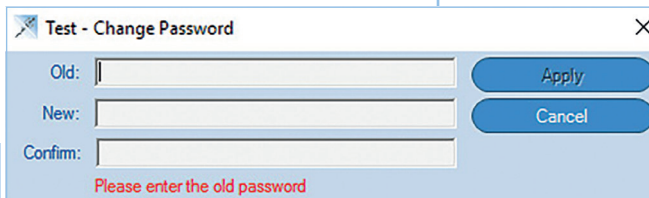
Please confirm your settings with the “Save” button.

**NOTE**



The program language is changed the next time you log in.

**Change password**



1. Enter old password
2. Enter new password
3. Confirm new password



## Administration

### Managing users

Select the menu item **“Administration → Users...”**.

An overview of all currently created users is displayed.

User Name	First Name	Last Name	Groups	Active	Kind	Comment	Last Activ
Demo				yes	User		
Service			Administrator;	yes	Administ...		5/4/2017
Test				yes	User		5/4/2017

The user name (for user login at program startup) is displayed in the **“User Name”** column. The **“Active”** column shows whether or not a user currently has active access. The **“Kind”** column shows the respective authorization level of the user.

### CAUTION



Only change or deactivate the user “Service” created automatically during installation if you have previously created another user with the “Administrator” authorization level.

**New user**

User Name:  Apply

First Name:  Cancel

Last Name:

Active

Kind:

Groups:  Administrator

INI Group:

Comment:

New Password:

Confirm Password:

Please enter the new password

To create a new user, please press the **“Add”** button.

Then enter the user name and the user kind. The following user kinds are available:

- User (standard user)
- Administrator (can alter settings)
- ActiveDirectory user:  
To log in, use the data of the respective Windows user accounts.

### WARNING



Make sure that at least one user has the “Administrator” authorization level, otherwise no user settings can be made.

The **“Active”** option lets you enable or disable the user. Save the new user by clicking on the **“Apply”** button.

To edit an existing user, please press the **“Edit”** button. Make all the necessary changes and confirm your entry with the **“Apply”** button.

To delete a user, please select the appropriate user and click on the **“Remove”** button. Please note that instead of deleting a user, you can simply temporarily set the user to **“Inactive”** as well.





### Managing a group

To add, edit, or remove a user group, please select the menu item **“Administration → Groups...”**.

To close the window, please click on the **“Close”** button or on the **“X”** button in the upper-right corner of the window.

### Adding a group

To create a group, click on the **“Add”** button.

Enter a name for the group.

You can also enter a description for the group.

Selecting the DICOM nodes:

You can select individual DICOM nodes with the left mouse button.

To select all DICOM nodes with just one click, please press the **“Select ALL”** button.

To deselect the DICOM nodes, please press the **“Deselect ALL”** button.

Set the permission to allow work with local images.

**Confirm your entry with the “Save” button.**  
**To close the window without making any changes, click on the “Cancel” button.**

### Editing a group

Select the group you want to edit. Then click on the **“Edit”** button. Make all the necessary changes and confirm your entry with the **“Save”** button.

### Removing a group

Select the group you want to delete and click on the **“Remove”** button.



### Editing a DICOM node

#### CAUTION



These settings may only be made by experienced and trained users or your mediCAD® service technician.

Logical Name	Role	Description
mediCAD Hectec PACS	QueryStore	DICOM AET:TEST @localhost:7777

To edit the DICOM nodes, please select the menu item **“Administration → DICOM nodes...”**. An overview of all the currently stored DICOM nodes is displayed.

To close the window without making any changes, please click on the **“Close”** button or on the **„X”** button in the upper-right corner of the window.

You can now add a new DICOM node by pressing the **“Add”** button, or perform the following actions after selecting one of the DICOM nodes from the list:

- Modify/edit DICOM node
- Remove DICOM node
- Perform Ping
- Perform Echo
- Assign/edit permissions



Adding a new DICOM node

After clicking on the **“Add”** button, an input window opens. First, define the role of the new node.

The following selection is available:

- Query
- Store
- Query & Store
- Worklist

Enter/Modify Node Data
✕

Role:  OK

Logical Name:  Cancel

**DICOM Node**

AE Title:

Host:

Port:

**Query/Retrieve Settings**

Query Information Model:

Query Character Set:

**Store Settings**

Then enter the display name (Logical Name) of the node and the connection parameters (AE Title, Host, Port).

Additional settings can be made based on the selected role.

- Query/Retrieve Settings
- Directory settings
- Settings for Transfer syntax and Query Tags (per drag & drop in the window that opens)
- Service synchronization for worklist
- Store Settings

Confirm your entry with the **“OK”** button. Finally, click on the **“Yes”** or **“No”** button to decide whether or not the DICOM node is assigned to all user groups.



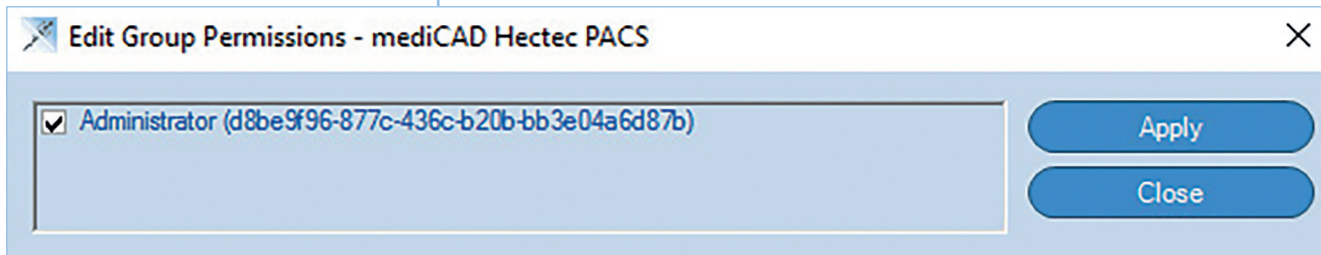
## Query Client 2.5

### Modifying/removing a DICOM node

Select the desired DICOM node by clicking on the left mouse button.  
To change the DICOM node, please click on the **“Edit”** button.  
All the required settings can be made in the window that opens. Confirm your changes with the **“OK”** button  
To delete a DICOM node, please click on the **“Remove”** button.

### Permissions

Select the desired DICOM node by clicking on the left mouse button and then click on the **“Permissions”** button. All available groups are then listed in the next window. Please activate/deactivate the selection field to assign the group rights.



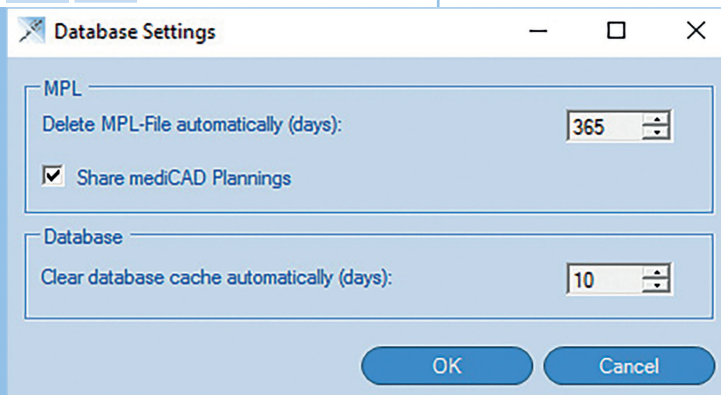
### Confirm your entry with the **“Apply”** button.

### Ping & echo

Select the desired DICOM node from the list.

By pressing the **“Ping”** button, a ping test is performed on the selected node. A corresponding confirmation is returned by the node (availability and response time in milliseconds).

By pressing the **“Echo”** button, a DICOM echo is performed on the selected node. The echo request is performed via mediCAD® Service. The status messages (success, failed) are also returned via this service.



### Managing the database

The following settings are possible in the Database... sub-item.

#### MPL:

Define the period after which the MPL files are automatically deleted. Check the check box to share your plannings.

#### Database:

Define the period after which the database cache is automatically cleared.



**Help**

Help F1:

Click on "Help F1" to open this manual.

About...:

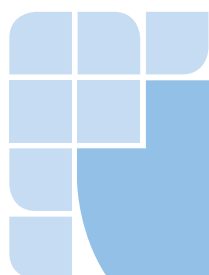
Includes information about mediCAD Hectec GmbH, client, server, database, software version and license.

**Miscellaneous**

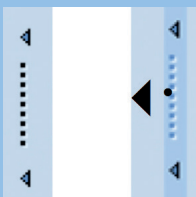
Hiding/showing buttons & the wizard

In order to increase the size of the results list and image selection (especially for smaller screens), you can temporarily hide the buttons and the wizard on the left side. An intuitive icon is located between the left screen column and the main area on the right there. You can simply click on it to hide the left elements and to show them again.

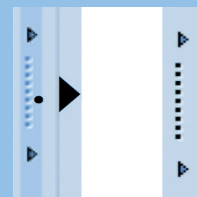
When you move the mouse cursor over the icon, a light blue vertical dividing line as well as a relevant explanatory mouse icon is then displayed.



**Show element:**



**Hiding an element:**



Switching a user / Exiting the program

You can switch the user in the current program, e.g. if someone else wants to temporarily perform a planning at the same workstation. To do this, use the menu item "**File → Log out...**". Another user can subsequently be logged in with the respective access data.

To exit the program, please use the menu item "**File → Exit**" or the keyboard shortcut "**Alt + X**".





## Working with QueryClient

### Loading from a file

You can load images from your local file system (hard disk, USB stick, CD/DVD). To do so, please select the **“Load file...”** button.

**Load file...**

An Explorer window opens where you can search and select the required file. You can choose between DICOM formats as well as other standard image formats. The selected image is displayed in the image tool after clicking on **“Open”**.

### Loading from a CD/DVD

You can import the complete patient data from a DICOM CD/DVD. To do so, please press the **“Load from CD/DVD”** button and select the corresponding DICOMDIR file in the window that opens.

**Load from CD/DVD**

The patient and image data is now imported completely and displayed in a results list similar to a PACS query. You can now select patients and a study and load these into the image tool.

### Loading from PACS

To load images from your PACS system, please use the **“Load from PACS”** button.

**Load from PACS**

The input screen for the PACS search parameters is displayed.

Select the desired PAC system/DICOM node where you want to search for the required patient images.

You can provide other information in the search criteria in order to more precisely narrow down your search based on specific parameters, e.g. the patient name and ID, modality used, birth date and study date (each with different search parameters).

Once you have selected/specified the search parameters, start the PACS query by clicking on the **“Search”** button.



The query is executed, which is indicated by the animated progress icon.

You can also perform a search without entering search criteria. However, the complete contents of your PAC system will be imported. Depending on their scope, however, this results in correspondingly large results with a corresponding waiting time. This method is therefore not recommended. You can abort the query by pressing the **“Abort”** button. The results of the PACS query are now displayed.

The screenshot shows a search criteria form with the following fields and controls:

- Search Criteria** (Section Header)
- Patient Name:** Text input field
- Patient ID:** Text input field
- Modality:** Dropdown menu
- Accession-No:** Text input field
- Birth Date:** Range selection with dropdowns for Range (Any), From (5/ 4/2017), and To (5/ 4/2017)
- Study Date:** Range selection with dropdowns for Range (Any), From (5/ 4/2017), and To (5/ 4/2017)
- Buttons:** Search, Abort, Reset, Clear, Transfer, Abort



Patient ID	Patients Name	Patients Birth Date
♂ 9	Test Patient A	2/11/1920
♀ 8	Test Patient B	12/19/1925
♂ 7	Test Patient C	1/1/1988
♀ 6	Test Patient D	1/1/0001

Now select the desired study, as shown on the images on the right.

You can open or close the subordinate elements again by clicking on the triangle with the left mouse button. You can also open and close the respective context menu again by right-clicking on it.

Patient ID	Patients Name	Patients Birth Date																											
♂ 9	Test Patient A	2/11/1920																											
<table border="1"> <thead> <tr> <th>Study Date</th> <th>Study Time</th> <th>Accession Number</th> <th>Study ID</th> </tr> </thead> <tbody> <tr> <td>ST 4/19/2017</td> <td>10:51:51 AM</td> <td>Anonymized</td> <td>1337884880</td> </tr> <tr> <td colspan="4"> <table border="1"> <thead> <tr> <th>SeriesNumber</th> <th>Modality</th> <th>SeriesDate</th> <th>SeriesTime</th> </tr> </thead> <tbody> <tr> <td>SR 13450</td> <td>DX</td> <td>6/13/2004</td> <td>10:34:15 AM</td> </tr> <tr> <td colspan="4"> <table border="1"> <thead> <tr> <th>InstanceNumber</th> </tr> </thead> <tbody> <tr> <td>IM 427</td> </tr> <tr> <td>IM 428</td> </tr> </tbody> </table> </td> </tr> </tbody> </table> </td> </tr> </tbody> </table>			Study Date	Study Time	Accession Number	Study ID	ST 4/19/2017	10:51:51 AM	Anonymized	1337884880	<table border="1"> <thead> <tr> <th>SeriesNumber</th> <th>Modality</th> <th>SeriesDate</th> <th>SeriesTime</th> </tr> </thead> <tbody> <tr> <td>SR 13450</td> <td>DX</td> <td>6/13/2004</td> <td>10:34:15 AM</td> </tr> <tr> <td colspan="4"> <table border="1"> <thead> <tr> <th>InstanceNumber</th> </tr> </thead> <tbody> <tr> <td>IM 427</td> </tr> <tr> <td>IM 428</td> </tr> </tbody> </table> </td> </tr> </tbody> </table>				SeriesNumber	Modality	SeriesDate	SeriesTime	SR 13450	DX	6/13/2004	10:34:15 AM	<table border="1"> <thead> <tr> <th>InstanceNumber</th> </tr> </thead> <tbody> <tr> <td>IM 427</td> </tr> <tr> <td>IM 428</td> </tr> </tbody> </table>				InstanceNumber	IM 427	IM 428
Study Date	Study Time	Accession Number	Study ID																										
ST 4/19/2017	10:51:51 AM	Anonymized	1337884880																										
<table border="1"> <thead> <tr> <th>SeriesNumber</th> <th>Modality</th> <th>SeriesDate</th> <th>SeriesTime</th> </tr> </thead> <tbody> <tr> <td>SR 13450</td> <td>DX</td> <td>6/13/2004</td> <td>10:34:15 AM</td> </tr> <tr> <td colspan="4"> <table border="1"> <thead> <tr> <th>InstanceNumber</th> </tr> </thead> <tbody> <tr> <td>IM 427</td> </tr> <tr> <td>IM 428</td> </tr> </tbody> </table> </td> </tr> </tbody> </table>				SeriesNumber	Modality	SeriesDate	SeriesTime	SR 13450	DX	6/13/2004	10:34:15 AM	<table border="1"> <thead> <tr> <th>InstanceNumber</th> </tr> </thead> <tbody> <tr> <td>IM 427</td> </tr> <tr> <td>IM 428</td> </tr> </tbody> </table>				InstanceNumber	IM 427	IM 428											
SeriesNumber	Modality	SeriesDate	SeriesTime																										
SR 13450	DX	6/13/2004	10:34:15 AM																										
<table border="1"> <thead> <tr> <th>InstanceNumber</th> </tr> </thead> <tbody> <tr> <td>IM 427</td> </tr> <tr> <td>IM 428</td> </tr> </tbody> </table>				InstanceNumber	IM 427	IM 428																							
InstanceNumber																													
IM 427																													
IM 428																													

### Image selection and patient information


#### CAUTION



Please make sure that you do not use images from different patients at the same time for a planning.

#### Selecting a single image for planning

To select an image for planning, click on the desired image with the left mouse button. A thumbnail of the image is now displayed in the upper-right program window.

To view an image in full-screen mode, please click on the “” button in the lower-right corner of the thumbnail.

If you want to perform a planning on this screen, then click on the “**New Planning**” button with the left mouse button.




The module selection then opens. Once a module has been selected, the selected image is transferred to **mediCAD**® for planning.


New Planning

Insert into current Planning

Anonymized/1.3.12.2.1107.5.1.1.20903...



CT





## Query Client 2.5

InstanceNumber
IM 427
IM 428

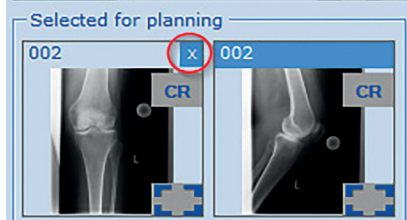
### Selecting multiple images for planning

To select multiple images for a planning (e.g. for a hybrid planning), follow these steps.  
Select the appropriate image from the list of available patient images with the left mouse button.



A thumbnail is then displayed in the right program window. Double-click on the thumbnail or drag and drop it into the **“Selected for planning”** window below.

To select another image for planning, click on the desired image again and then drag it with a double-click or drag and drop it into the window below.



To remove a single image from the **“Selected for planning”** window, please click on the **“X”** button in the upper-right corner of the screen with the left mouse button.

To delete all images that have been selected for planning, please right-click in the “Selected for planning” window and confirm with the left mouse button the **“Remove”** button that appears.

**Patient-Information**

Name:

Patient-Id:

Birthday:

Recorded at:

Height (cm):

Weight (kg):

Sex:  Female  Male

Now click with the mouse to select the first image required for planning.

The patient information is displayed in the corresponding area.

**New Planning**

Press the **“New Planning”** button to display the module selection. After a module has been selected, **mediCAD®** is started and the selected images are transferred for planning.  
In **mediCAD®** you are first prompted to scale the image.

**Insert into current Planning**

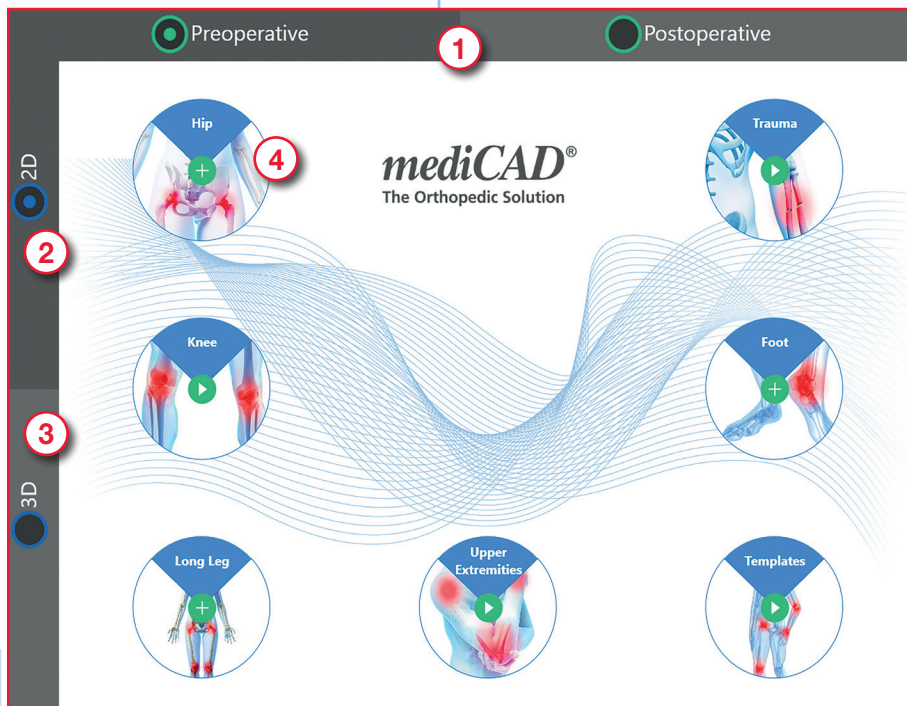
You can now select the next required image in **QueryClient** and add it to the planning currently open in **mediCAD®** using the **“Insert into current Planning”** button.





### Module selection

Module selection is divided into the following areas:



- |   |                        |
|---|------------------------|
| 1 | Planning mode          |
| 2 | Planning dimension: 2D |
| 3 | Planning dimension: 3D |
| 4 | Modules                |

#### Planning mode

Determine if you want to plan pre- or postoperatively.

#### Planning dimension

Determine if you want to perform 2D or 3D planning.

#### Modules

Once you have chosen your planning mode and dimension, click on your desired module to start **mediCAD**®.

The plus symbol in the middle of a module means that the module offers additional subcategories. For example, Biometry is a subcategory of the Hip module.

Move the mouse pointer over the plus symbol to display all the subcategories.

Then click on a subcategory to start **mediCAD**® directly. Modules with a play icon in the middle have no subcategories and are started directly when you click on these.



## Performing a planning



You can now make all the necessary plannings, corrections and measurements in **mediCAD®**. After completing the planning, execute the **“Export to PACS”** function.

If you want to edit the planning later, then save it locally as an .mpl file. The further procedure for locally stored plannings is described in the next section.

Exit **mediCAD®** now.

**QueryClient** will add the planning in your PACS system automatically to the patient as a new series. The planning, including all planning information, is now available for further use.

## Stored plannings

If you have saved a planning locally as an .mpl file, it will be available to the logged-in user for further processing and planning after exiting **mediCAD®**. To load a stored planning, please press the **“Load Plannings”** button



**Search Criteria**

Patient Name:

Patient ID:

Birth Date: Range:    
 From:    
 To:

Planning day: Range:    
 From:    
 To:

You can then narrow your search by using the **“Search Criteria”** window.

You can also start your search by clicking on the **“Search”** button with the left mouse button.

All the results are displayed as follows.

Name	Patients ID	Birthdate	Planning Day	Planning Time	Size	User	Module
Anonym, Male	Anonym-M19240101	01/01/1924	06/03/2017	10:11:37 AM	6381344	Service	Medicad Classic - hip-dual

Now double-click on the desired planning to select it from the list of stored plannings. **mediCAD®** is started and you can proceed with the planning.



**CAUTION**



Please make sure that you do not use images from different patients for a planning at the same time. (despite automatic verification by **QueryClient** for DICOM images).

**Importing a planning**

You can also import and manage existing local .mpl planning files in the QueryClient. To do this, please select the menu item **File → Import Plannings (MPL)...**

An Explorer window opens where you can search and select the required file. Only .mpl files can be selected. The selected planning is displayed after clicking on **“Open”**. It can now be used for further work.

**Opening imported images**

If your PAC system includes the DICOM Send option, you can then store complete patient data, series or even individual images in QueryClient. After successful transmission, press the **“Opening imported images”** button.

**Open Imports**

You can then narrow your search by using the **“Search Criteria”** window. You can also start your search by clicking on the **“Search criteria”** button with the left mouse button.

All the results are displayed as follows.

**Search Criteria**

Patient Name:

Patient ID:

Modality:

Accession-No:

Birth Date: Range:  Any

From:  5/ 4/2017

To:  5/ 4/2017

Study Date: Range:  Any

From:  5/ 4/2017

To:  5/ 4/2017

Patient ID	Patients Name	Patients Birth Date	RemoteAE	ImportDateTime
1	Anonym	19.09.1963 00:00:00	TEST	11.04.2017 10:56:56

You can then open an image or a series in your desired module as described in the **“Image selection and patient information”** chapter.





## Query Client 2.5

Code	Description	Solution
101	Incorrect user name or password for the ActiveDirectory	Enter your correct user name or password for the ActiveDirectory. If you have forgotten it, please contact your system administrator
102	The user does not belong to any authorized ActiveDirectory group	Please contact your system administrator to be added to an authorized ActiveDirectory group
103	Unexpected error when accessing the ActiveDirectory	Please contact mediCAD Hectec Support
105	Logon of an inactive user denied	Your user is inactive: please contact your system administrator to log in
201	Database is not available	HectecServices cannot connect to the database because the UserID and/or Password are missing. Logon data must be entered in the HectecServices Settings under UserDB
202	General database problem	Try rebooting the SQL Server (Hectec_DB) under Windows Services. If this does not lead to any solution, please contact mediCAD Hectec Support
301 302 303 304	DICOM license problem License expired No license available Sentinel RMS license service is not executed	Try rebooting the Sentinel RMS License Manager service. If this does not lead to any solution, please contact mediCAD Hectec Support
400	Wrong user name or wrong password	Please enter your correct user name or password. If you have forgotten it, please contact your system administrator
502	Incorrect server name or server does not respond	Check that HectecServices is running under Windows Services. On the login screen, check the tcp connection to your server
503	The server name is required	The Server field in the login screen must not be empty. Please enter the tcp connection to your server. If you are using a single-user installation, you should be seeing tcp://“Your computer name”.9980
700	Unexpected error	Please contact mediCAD Hectec Support
801	Please add store nodes to query nodes	In order for media to be restored in the selected PAC system, a relevant store node must be available. Please create this node under “Edit DICOM Nodes”

You can reach your mediCAD Hectec Support at: [support@mediCAD.eu](mailto:support@mediCAD.eu) or phone +49 871 330 203-0



A large grid area for taking notes, consisting of a light blue background with a fine grid pattern.

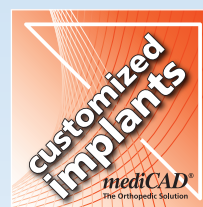
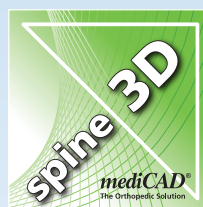
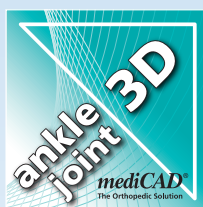
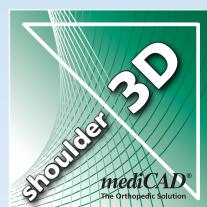




Large grid area for writing notes.

# Successful surgery through digital planning

Additional products from mediCAD Hectec:



## Headquarters:

**mediCAD Hectec GmbH**  
Opalstraße 54  
DE - 84032 Altdorf  
GERMANY  
☎ +49 871 330 203-0  
☎ +49 871 330 203-99  
info@mediCAD.eu  
[www.mediCAD.eu](http://www.mediCAD.eu)

## U.S. Representation

**mediCAD US, Inc.**  
1170 Howell Mill Rd. NW, Suite 300  
Atlanta, GA 30318  
USA  
☎ +1 404 263-3123  
☎ +1 404 586-6820  
info@mediCAD.us  
[www.mediCAD.us](http://www.mediCAD.us)

Print number: 463/04-2017 – All rights reserved

All product and company names are trademarks or registered trademarks of their respective owner. The information in this brochure is subject to change without prior notice.