



**MedDream Surgery Workstation**

**USER'S MANUAL**

**(version 3.3)**

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## Notes on the user`s manual

### Purpose and availability of documentation

This user`s manual describes the operation with MedDream Surgery Workstation software.

Correct operation of the system is imperative for its safe and successful functioning. You should therefore ensure that you are thoroughly familiar with the user manual before setting up and using MedDream Surgery Workstation for the first time.

The user manuals and other documentation enclosed with MedDream Surgery Workstation should be kept accessible to users at all times to ensure that the information required for the use of MedDream Surgery Workstation is readily available.

MedDream Surgery Workstation is not intended to replace skilled and qualified medical professional. The software should only be used by people who have been trained and is acquainted with its functions, capabilities and limitations.

Users must be aware that the quality, accuracy and correctness of the output data displayed on the screen, printed or sent from MedDream Surgery Workstation depends on the quality, accuracy and correctness of the input data, the user`s interface with the data, the quality, calibration and other parameters of printer or monitoring device.

MedDream Surgery Workstation has been tested extensively, however, it is possible that errors may remain/emerge in the software. Users must be aware of the potential for errors and in case of an error or for other assistance, please contact Softneta UAB Customer support:

- write an e-mail [support@softneta.com](mailto:support@softneta.com)

### Questions and comments

If you have any questions or comments regarding this user`s manual, please contact Softneta UAB Customer support.

## Explanation of symbols used

The symbols used in this daily workflow refer to important safety information which warn against possible health risks or fatal injuries and contain useful notes. Whenever you see these symbols, read the accompanying information carefully and observe all safety notes and information in the user manual, daily workflow and on the device labels.

### WARNING

Indicates a hazardous situation which may result in a fatal or serious bodily injury if the appropriate safety precautions are not heeded.



### CAUTION

Indicates a hazardous situation which may result in a minor injury if the appropriate safety precautions are not heeded.



### CAUTION – PROPERTY DAMAGE

Indicates possible device damage if the appropriate safety precautions are not heeded.



Information, hints and advice for a better understanding of the instructions to be observed in the operation of the instrument.

## Introduction

High-quality HD recording into DICOM by using MPEG-4 AVC/H.264 compression.

The core functions:

- Recording HD video during the surgery.
- Reviewing medical images.
- Full integration with Hospital Information System (HIS).
- SW capturing system records still and video HD images in full 1920x1080 resolution.
- Recorded studies can be stored locally and sent directly to the DICOM compatible system (PACS or other) of the hospital network.
- Images and videos can be accessed by WEB browser from doctor's office after the surgery.
- Patient Data may be selected from the Worklist Server.
- SW can locally store more than 125 hours of HD video and up to 100.000 of still images.
- Intuitive, simple, but very powerful software controllable by touchscreen.



MedDream Surgery Workstation cannot guarantee the accuracy of calibration data received from the modality. Moreover, Softneta cannot guarantee that the manual calibration which is performed by users is done accurately.



Measuring function is approximate and cannot be used for diagnostic purposes.



Further in text MedDream Surgery Workstation will be referred to as SW.

## Virtual Keyboard

Since the SW has a touchscreen monitor and no other equipment (e.g. keyboard, mouse, etc.), after touching the input fields, a virtual keyboard appears:



Picture 1. Virtual keyboard.

Keyboard buttons:

- *Restore* – this button resets initial data in the field (if the field is already empty, the button is deactivated).
- *Clear* – this button clears the filled fields.
- *OK* – press this button if you typed the right information in the field and want to continue the work.
- *BackSpace* – this button deletes the preceding symbol and shifts back the text after it by one position.
- *Caps Lock* – pressing this button sets an input mode in which typed letters are uppercase by default. The keyboard remains in *Caps Lock* mode until the key is pressed again.
  - *Shift* – is a modifier key on the keyboard, used to type capital letters and other alternate "upper" symbols. There are two *Shift* keys, on the left and on the right side of the keyboard.
  - *Close* – this button closes the virtual keyboard (it hides).
  - *Space* – is a key on the bottom of the keyboard in the form of a horizontal bar, significantly wider than other keys. Its main purpose is to conveniently enter the space, e.g. between words during typing.

If you need to fill the data fields (e.g. date of birth), press on the field and virtual calendar will pop-out:



Picture 2. Virtual keyboard. Numbers.



If you leave the fields empty and press *OK*, the date will be chosen automatically, i.e. the initial date – 1900-12-31. Remember you may make your work faster by pressing four symbols in the year field and two symbols in the month and day fields, then the cursor will automatically jump to another field. If you type only one symbol in the each of the month and day fields (e.g. May (5<sup>th</sup> month) 5<sup>th</sup>) you will have to change the cursor position by pressing on the required field to fill.

If you have filled the date incorrectly and want to change it, press *Clear*. If the virtual calendar is not necessary, press *Close*.

## Creating a New Study

In order to start recording or do other study related works, the patient must be registered. If it is not registered, you have to create a *New Study* account. The following steps must be made:

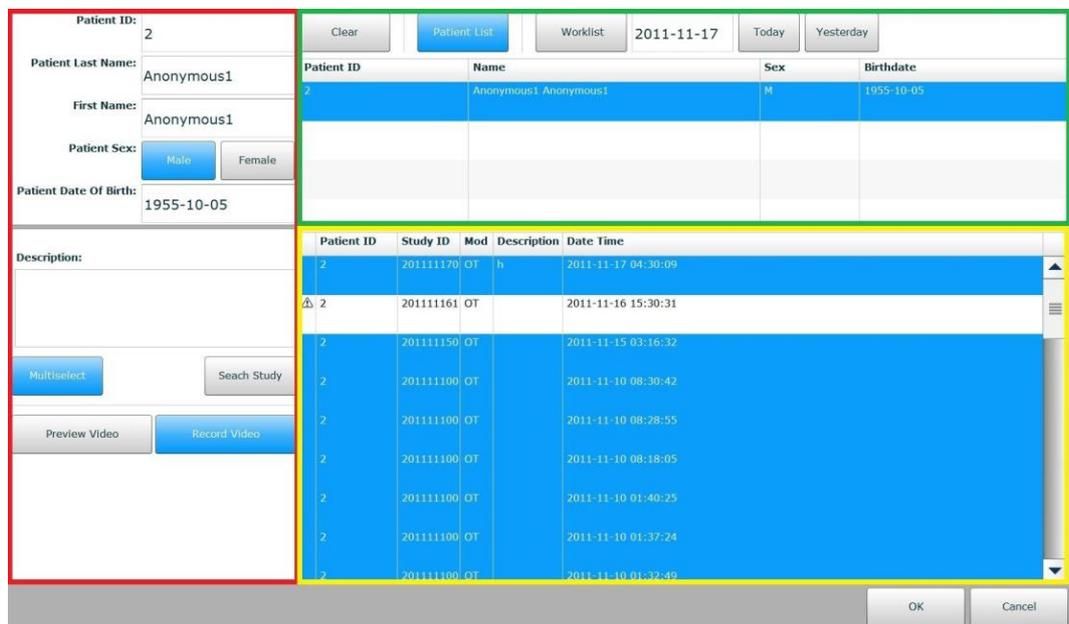
Firstly, press *New Study* icon.



Picture 3. New study icon.

A new study account window will open. It consists of three parts:

1. Creation and search of a patient account (box with red outline);
2. Patient list (box with green outline);
3. Study list (box with yellow outline).



Picture 4. A new study window.



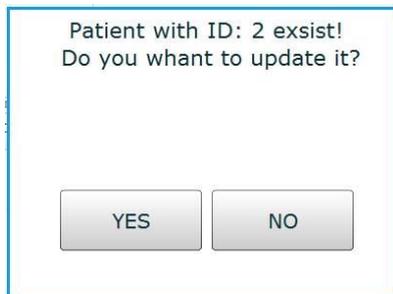
New patient account creation and Search of patient is happening at the same time.

In order to create a new patient account you have to fill these fields:

1. Patient ID.
2. Patient Last Name.
3. First Name.
4. Patient Sex (male/female).
5. Patient Date of Birth (YYYY-MM-DD).
6. Description of the Study (optional field, not necessary to fill in).

While creating a new patient account, a search is also proceeded, because the patient may already be registered before. The buttons *OK* and *Add Patient* shifts with each other depending on which process is happening: *OK* – you have found the patient you need in the database; *Add Patient* – there is no such patient and you have created a new account.

If after pressing *Add Patient* some information (e.g. *Patient ID*) coincide with patients information that already exists, the following window with a query will pop-out:



Picture 5. A notification that the patient account is already created.

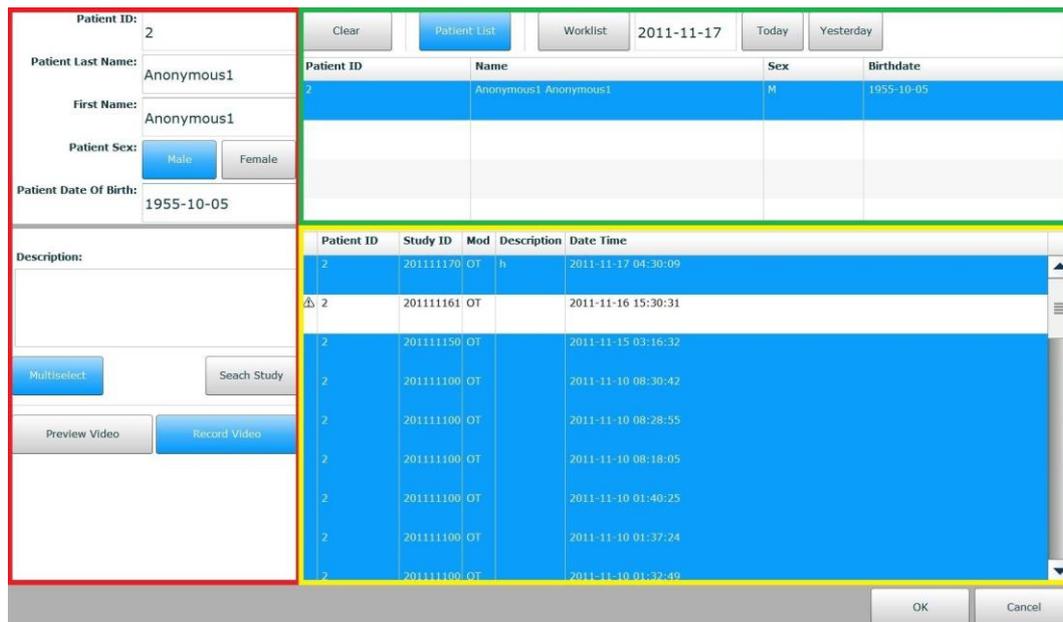
There are **obligatory fields** which are necessary to fill in, i.e. *Patient Last Name*, *Patient Sex*, *Patient Date of Birth* and *Patient ID*. Without filling any of these fields you cannot successfully create a new patient account and the following pop-out window will show (by pointing out which field is not filled in):



Picture 6. A notification that obligatory fields are not filled.

According to the information that you filled in the creation of a new patient account (box with red outline) the SW searches through the database and shows the search results in the Patient list (box with green outline). This section is always active, e.g. if you write *Anonymous* in the *Patient Last Name* field, automatically all patients with this last name will be selected. Also, if you search in the *Worklist* (i.e. the patient's information is loaded straight from the hospital's informational system) you can use two quick buttons: *Today* and *Yesterday*.

You may see all of the patient's studies in the Study list (box with yellow outline). This field is only active when you select a patient, otherwise it is empty.



Picture 7. Study list.

If you want to select a study – just press on it with a finger. You may also select more than one study due to the function *Multiselect*. *Multiselect* is chosen by default and so all studies are selected. You have to deselect the studies you do not want to open and leave only ones that are necessary for you. By pressing *Multiselect* again, you will deactivate it and then you may select only one study to open (read more in Section 3.1). Furthermore, if you want to search only for a study, enter the *Patient ID* or *Patient Last Name* and press *Search Study* button.

After pressing *Preview Video*, you will be able to see images of the cameras. After pressing *Video Recording* button, you will be sent to the main window. You can read more about *Video Recording* in Section 6. If you press *Cancel* you will go back to the initial window.

### Opening Multiple Studies

If you need to open more than one study (e.g. to compare them) please do the following:

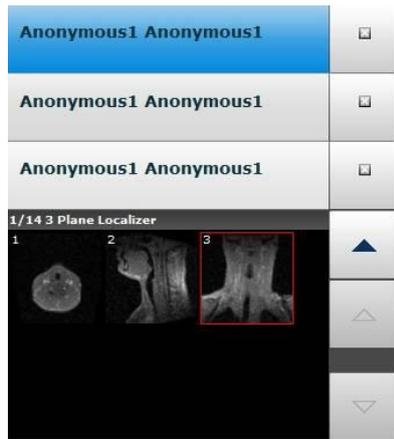
1. *Multiselect* is chosen by default, so all the studies will be highlighted in blue.
2. Leave only those studies highlighted in blue that you want to open.



Picture 8. Opening multiple studies (1).

However, keep in mind that you may open only a limited amount of studies at one time. You can open studies to the extent of the Study list that are visible in the main SW window, if you select more studies you will see the alert message as follows.

After selecting all wanted studies, you will see all study series displayed in the pane on the left. When you select the study and touch it, you will see the image icons of the study series:



Picture 9. Opening multiple studies (1).

In order to navigate through the study, just touch the header to activate it and see the image icons.

## Search of Studies

Search menu will help you to quickly find the studies you need. We recommend using all possible search menu options in order to get the most accurate search results and save your time. To find a study, please follow these steps:

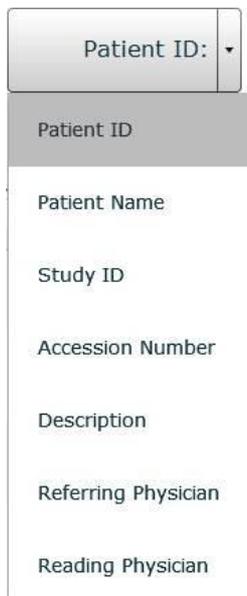
1. Press *Search* in the top left corner of the window.



Picture 10. Search of studies.

2. Select search settings (the default search settings are usually set to the search by *Patient ID* or *Patient Name*).

If you wish to change the search settings, just press the header and choose the criterion you need from the list:



Picture 11. Search criterion.

- *Patient ID* – enter patient's ID number in the search field
- *Patient Name* – enter the patient's name or surname in the search field
- *Study ID* – enter the study number in the search field
- *Accession Number* – enter the accession number in the search field
- *Description* - enter few keywords from the study description in the search field
- *Referring Physician* - please indicate, to which doctor the study was sent.
- *Reading Physician* - please indicate, which physician has opened and analysed the study.

3. To specialize the search further, please select the period when the study could be done. You will activate the date search fields by touching the *From* and *To* fields:

The image shows a search interface with two date selection fields. The first field is labeled 'From:' and contains the date '2011.11.17'. The second field is labeled 'To:' and also contains the date '2011.11.17'. Both fields have a blue header bar.

Picture 12. Search by date (1).



The same virtual calendar as described Virtual Keyboard Section will appear. If you do not choose the date till which the studies have to be shown, there will be all studies till current date.

To see the list of the studies done during the current day, please click the button *Today*. If you are looking for the studies that were done yesterday, please click *Yesterday*.

The image shows two rectangular buttons with rounded corners. The left button is labeled 'Today' and the right button is labeled 'Yesterday'. Both buttons have a light gray background and a thin border.

Picture 13. Search by date (2).

4. The search can also be specified by selecting modalities which was used to obtain the study images:

Tick the field next to one or more modalities (devices) that were used in the required study (please look below for the meaning of the abbreviations). For example, if you want to find all the images done using Computed Tomography devices, you should touch the field as shown below:

The image shows a horizontal row of twelve buttons, each containing a two-letter abbreviation for a medical modality. From left to right, the buttons are: CR, DX, IO, MR, OT, RF, SC, XA, CT, ES, MG, and NM. The 'CT' button is highlighted with a blue background, while the others have a light gray background.

Picture 14. Search by modalities.

The abbreviations of modalities stand for:

- *CR* – Computed Radiography
- *DX* – Digital Radiography
- *IO* – Ultra-Oral Radiography
- *MR* – Magnetic Resonance
- *OT* – Other
- *RF* – Radio Fluoroscopy
- *SC* – Secondary Capture
- *XA* – X-Ray Angiography
- *CT* – Computed Tomography
- *ES* – Endoscopy
- *MG* – Mammography
- *NM* – Nuclear Medicine

You can select all possible methods by touching *All*, or you can clear all the types by touching *None*:

The image shows two rectangular buttons with rounded corners. The left button is labeled 'All' and the right button is labeled 'None'. Both buttons have a light gray background and a thin border.

Picture 15. Selection of all or none of the modalities.

5. After you have selected your search settings, press *Search* to start searching.

You will see the following window with the search results:

Patient ID: -

From: 2009.01.01

To: 2011.11.17

Today

Yesterday

Search

All

None

CR

DX

IO

MR

OT

RF

SC

XA

CT

ES

MG

NM

* Patient ID	Name	Study ID	Accession	Mod	Description	Date Time	Referring F	Reading PI	Received On
2	Anonymous1 Anon	2011111704	201111170	OT	h	2011-11-17 04:			2011-11-17 04:30:09
2	Anonymous1 Anon	2011111615	201111161	OT		2011-11-16 15:			2011-11-16 15:30:31
6	11 55	2011111504	201111150	OT		2011-11-15 04:			2011-11-15 04:02:32
6	11 55	2011111504	201111150	OT		2011-11-15 04:			2011-11-15 04:01:18
2	Anonymous1 Anon	2011111503	201111150	OT		2011-11-15 03:			2011-11-15 03:16:32
2	Anonymous1 Anon	2011111008	201111100	OT		2011-11-10 08:			2011-11-10 08:30:42
2	Anonymous1 Anon	2011111008	201111100	OT		2011-11-10 08:			2011-11-10 08:28:55
2	Anonymous1 Anon	2011111008	201111100	OT		2011-11-10 08:			2011-11-10 08:18:05
2	Anonymous1 Anon	2011111001	201111100	OT		2011-11-10 01:			2011-11-10 01:40:25
2	Anonymous1 Anon	2011111001	201111100	OT		2011-11-10 01:			2011-11-10 01:37:24
2	Anonymous1 Anon	2011111001	201111100	OT		2011-11-10 01:			2011-11-10 01:32:49
2	Anonymous1 Anon	2011111001	201111100	OT		2011-11-10 01:			2011-11-10 01:31:32

Forward

Edit Study

Delete

Add Study

Open

Cancel

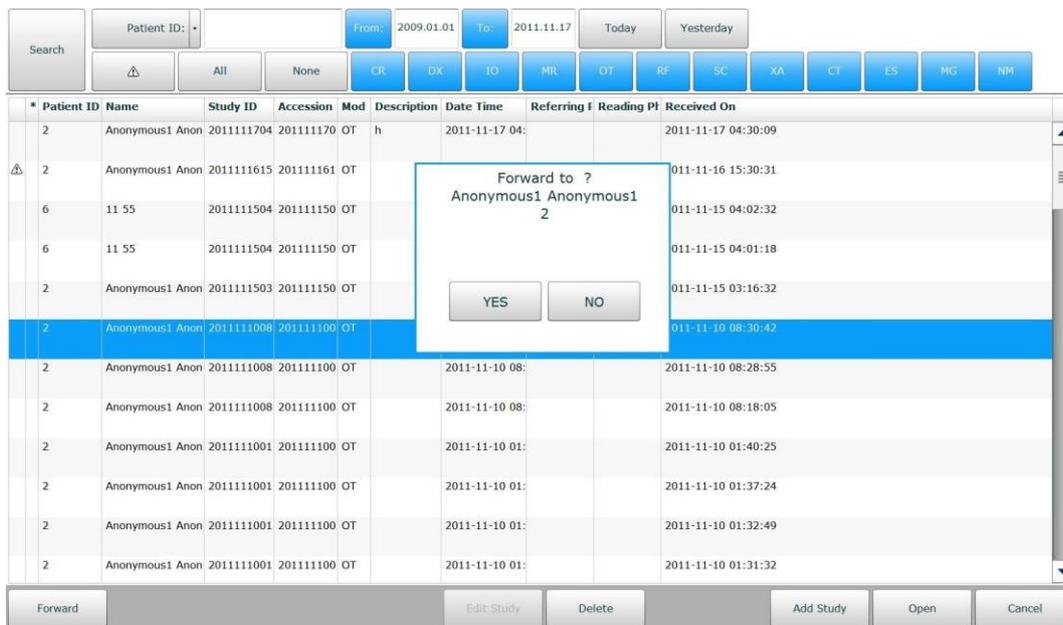
Picture 16. The search results.

If you have found required study press *Open*, if not, press *Cancel* and go to *New Study* window in order to create a new patient account.

## Image Forwarding

SW provides a possibility to send the selected study to the default DICOM device. To forward the study, please make the following steps:

1. select the study you would like to send and press *Forward* button;
2. after pressing the button a pop-out query appears:



Picture 17. Request to forward the study.

3. The forwarding will start after accepting (press *YES*):



Picture 18. Forwarding a study.

When the forwarding will reach 100%, it will be successfully done.



However, there might occur some technical problems and the forwarding will fail. In this case, please contact your administrator who can make a troubleshooting.



Picture 19. Notification of failed forwarding.

## Study Removal

In order to delete the study from SW you must select the study and press *Delete*. After pressing the button, a pop-out window will appear with a query: *Do you really want to delete the study?* If you press *NO* – the study will be left in SW, if *YES* – it will be removed permanently.

The screenshot displays the Medream Surgery Workstation interface. At the top, there is a search bar and a filter menu with options like 'All', 'None', and various study types (CR, DX, IO, MR, DT, RF, SC, XA, CT, ES, MG, NM). Below the filter menu is a table with columns: Patient ID, Name, Study ID, Accession, Mod, Description, Date Time, Referring F, Reading PI, and Received On. The table contains several rows of study data. A dialog box is overlaid on the table, asking 'Do you really want to delete study?' with the number '2' and the name 'Anonymous1 Anonymous1'. The dialog has 'YES' and 'NO' buttons. The 'Delete' button in the bottom toolbar is highlighted.

Patient ID	Name	Study ID	Accession	Mod	Description	Date Time	Referring F	Reading PI	Received On
2	Anonymous1 Anon	2011111704	201111170	OT	h	2011-11-17 04:			2011-11-17 04:30:09
2	Anonymous1 Anon	2011111615	201111161	OT					2011-11-16 15:30:31
6	11 55	2011111504	201111150	OT					2011-11-15 04:02:32
6	11 55	2011111504	201111150	OT					2011-11-15 04:01:18
2	Anonymous1 Anon	2011111503	201111150	OT					2011-11-15 03:16:32
2	Anonymous1 Anon	2011111008	201111100	OT					2011-11-10 08:30:42
2	Anonymous1 Anon	2011111008	201111100	OT		2011-11-10 08:			2011-11-10 08:28:55
2	Anonymous1 Anon	2011111008	201111100	OT		2011-11-10 08:			2011-11-10 08:18:05
2	Anonymous1 Anon	2011111001	201111100	OT		2011-11-10 01:			2011-11-10 01:40:25
2	Anonymous1 Anon	2011111001	201111100	OT		2011-11-10 01:			2011-11-10 01:37:24
2	Anonymous1 Anon	2011111001	201111100	OT		2011-11-10 01:			2011-11-10 01:32:49
2	Anonymous1 Anon	2011111001	201111100	OT		2011-11-10 01:			2011-11-10 01:31:32

Picture 20. Deleting the study.

## Editing of an Unsaved Study

A triangle with an exclamation mark inside indicates that the study is not saved. After pressing this button SW will sort out all unsaved studies from the saved ones.

* Patient ID	Name	Study ID	Accession	Mod	Description	Date Time	Referring F	Reading Pl	Received On
⚠ 2	Anonymous1 Anon	2011111615	201111161	OT		2011-11-16 15:			2011-11-16 15:30:31
⚠ 2	Anonymous1 Anon	2011110904	201111090	OT		2011-11-09 04:			2011-11-09 04:40:18
⚠ 3	Anonymous2 Anon	2011110423	201111042	OT		2011-11-04 23:			
⚠ 3	Anonymous2 Anon	2011110408	201111040	OT		2011-11-04 08:			
⚠ 3	Anonymous2 Anon	2011110408	201111040	OT		2011-11-04 08:			
⚠ 3	Anonymous2 Anon	2011110408	201111040	OT		2011-11-04 08:			
⚠ 3	Anonymous2 Anon	2011110408	201111040	OT		2011-11-04 08:			
⚠ 3	Anonymous2 Anon	2011110408	201111040	OT		2011-11-04 08:			
⚠ 3	Anonymous2 Anon	2011110408	201111040	OT		2011-11-04 08:			
⚠ 3	Anonymous2 Anon	201111040	20111104	OT		2011-11-04 0:			
⚠ 3	Anonymous2 Anon	201111040	20111104	OT		2011-11-04 0:			
⚠ 3	Anonymous2 Anon	201111040	20111104	OT		2011-11-04 0:			

Picture 21. A list of not saved studies.

You may edit these studies by pressing *Edit* (the button is deactivated for those studies that are already saved).

 If the patient information is displayed in **blue letters**, it indicates that the study was not opened. If the information is displayed in **black letters**, it means that the study was opened previously.

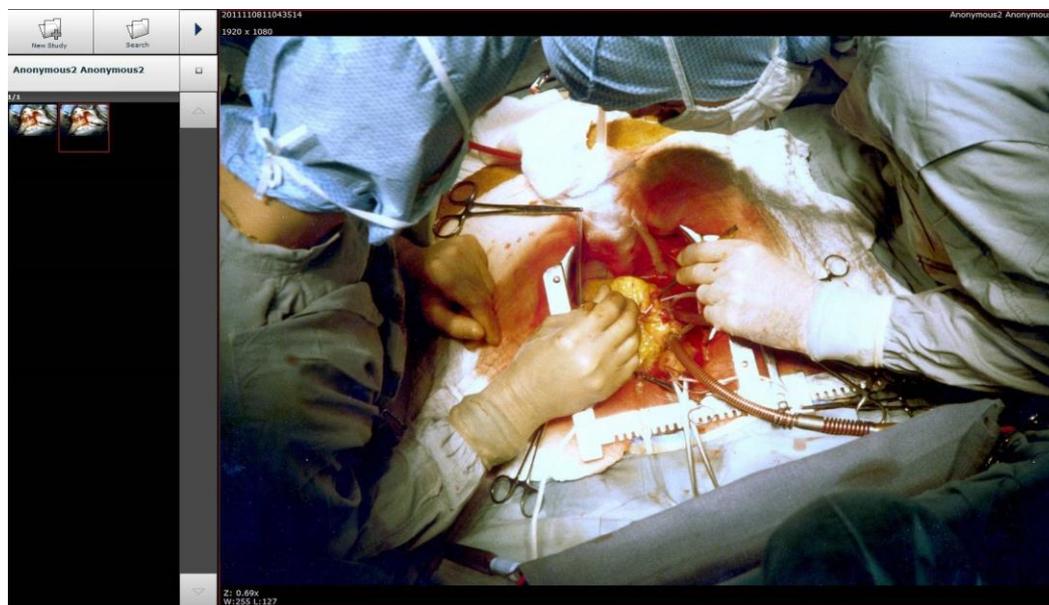
You may also save unfinished studies by pressing on the *Save* icon, that you will find after pressing *Open*. The icon *Save* is on the right side of the patient's name and surname:



Picture 22. Saving study icon.

## Viewing and Analyzing Images

If you open the study or several (in this case just one) you will see the following view:



Picture 23. Opened study.

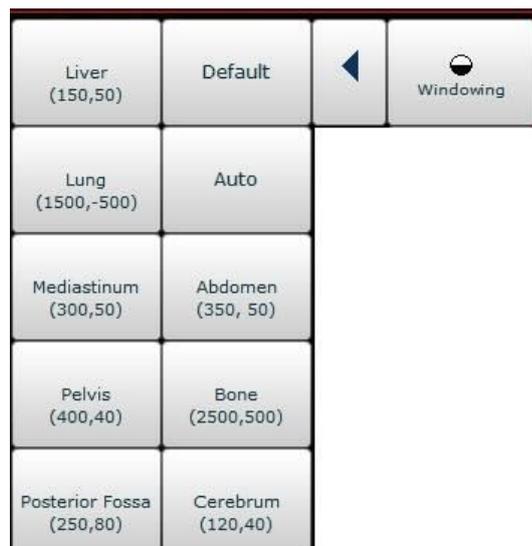
## Manipulating Images

You can manage and analyze the study images according to the criteria you need. In order to do that you must call the manipulating buttons by pressing on the image. These are the following image manipulating buttons:



*Windowing* button is used to adjust the Level/Window contrast of the image.

After pressing a little arrow in the left of the button a pop-up menu appears from which you can select one of the standard contrast settings:



Picture 24. Windowing possibilities.

*Default* – a preset setting

*Auto* – the system analyses the image and adjusts the brightness and contrast automatically.

*Abdomen* – a preset setting for abdomen studies.

*Bone* – a preset setting for bone studies.

*Cerebrum* – a preset setting for cerebrum studies.

*Liver* - a preset setting for the liver studies.

*Lung* – a preset setting used for studying the images of the lungs.

*Mediastinum* - a preset setting for mediastinum studies.

*Pelvis* – a preset setting for pelvis studies.

*Posterior Fossa* - a preset setting for Posterior Fossa studies.

After selecting the contrast type, you may modify the level of it with buttons: L+ and L- (L – high), W+ and W- (W – width).



Picture 25. Changing the level of windowing.



*Hand* button allows you to position images within the pane. This feature is especially useful when the image is larger than the pane, as it usually is after zooming.

To move the image within the pane use the appeared arrows: ← → ↑ ↓:



Picture 26. Changing the position of the image.



Zoom – the button is used to increase and decrease the selected image.

Press on the image **+** to zoom in and **-** to zoom out.



Picture 27. Zooming.



*Fit to Screen* – when you press this button, the size of the image is automatically adjusted so the whole image fills the screen. For example, if only part of the image is visible on the screen, choose this button to see the whole image displayed on the entire screen.



*1:1 Resolution* button allows to restore the original image display value.



*Delete* button only appears when you are creating a new study or if the study is unsaved. You may delete unnecessary image or video by pressing this button.

## Scroll Bar

There are two types of scroll bar in the main window:

An empty triangle -



A filled triangle -



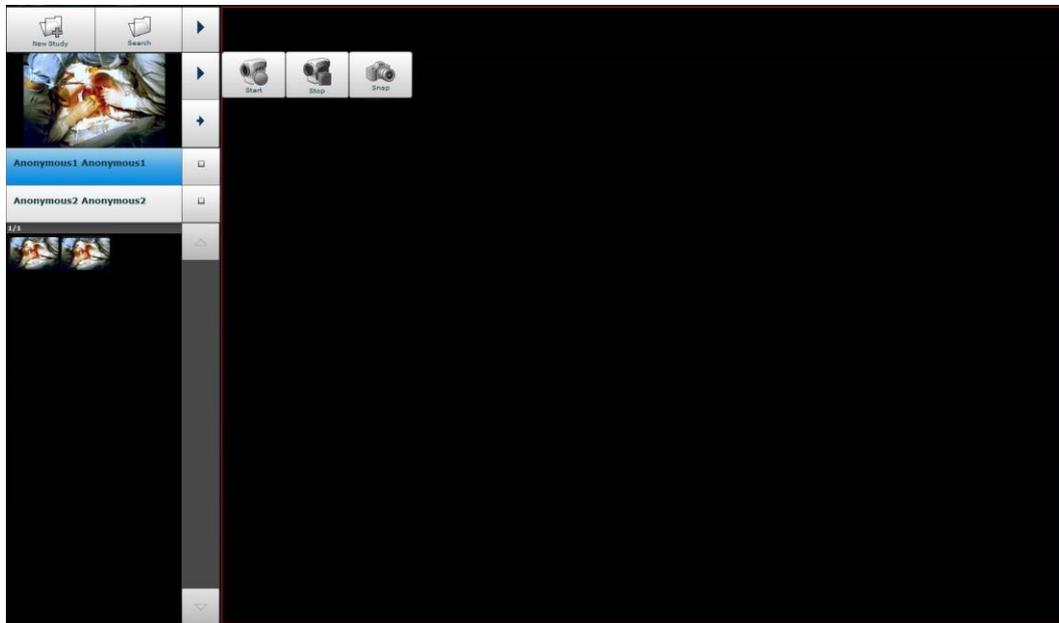
If you scroll the filled triangle (up or down), you will scroll through the whole study, while if you scroll the empty triangle (up or down) the scrolling will happen only within limits of the series to which the scroll bar belongs (every series have its own scroll bar, except those that do not have more than six (6) images or videos):



Picture 28. Scrolling possibilities.

## Recording

If you have created a new patient account or found a patient in the search window, you may start recording by pressing *Recording* and then *OK*. As soon as you do it the recording window will open. The initial recording position is above the selected studies:



Picture 29. Recording.

If you press on the recording video or the lower arrow → the view will be maximized (or minimized). Also, the position of the buttons will change depending on the recording position.



In order to start the recording press *Start*:

You may see that the recording is happening when the indicator near the patient's name and surname is red and the time is running.



Picture 30. Indication of recording.



In order to stop recording press *Stop*. After pressing this button you may immediately open and watch what you have recorded.



In order to take a photo press *Snap*. You may also take a photo during the recording.

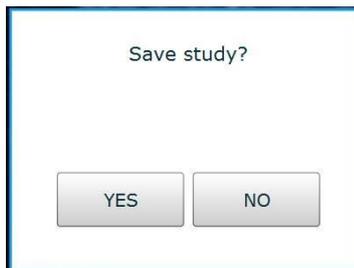


While recording you may make various study related actions with other image.



Picture 31. Manipulating image while recording.

If you already finished the recording, press *Stop* and *Save* buttons. A pop-out with a query will appear that you must submit in order to save the study:



Picture 32. Notification asking whether to save the study.

If you press *YES*, the following saving window will appear, if *NO* – your video will be unsaved.



Picture 33. Saving the study.

## Surgery Workstation Settings

The SW settings may be modified by pressing the arrow near the *Search* button and then pressing *Settings*:



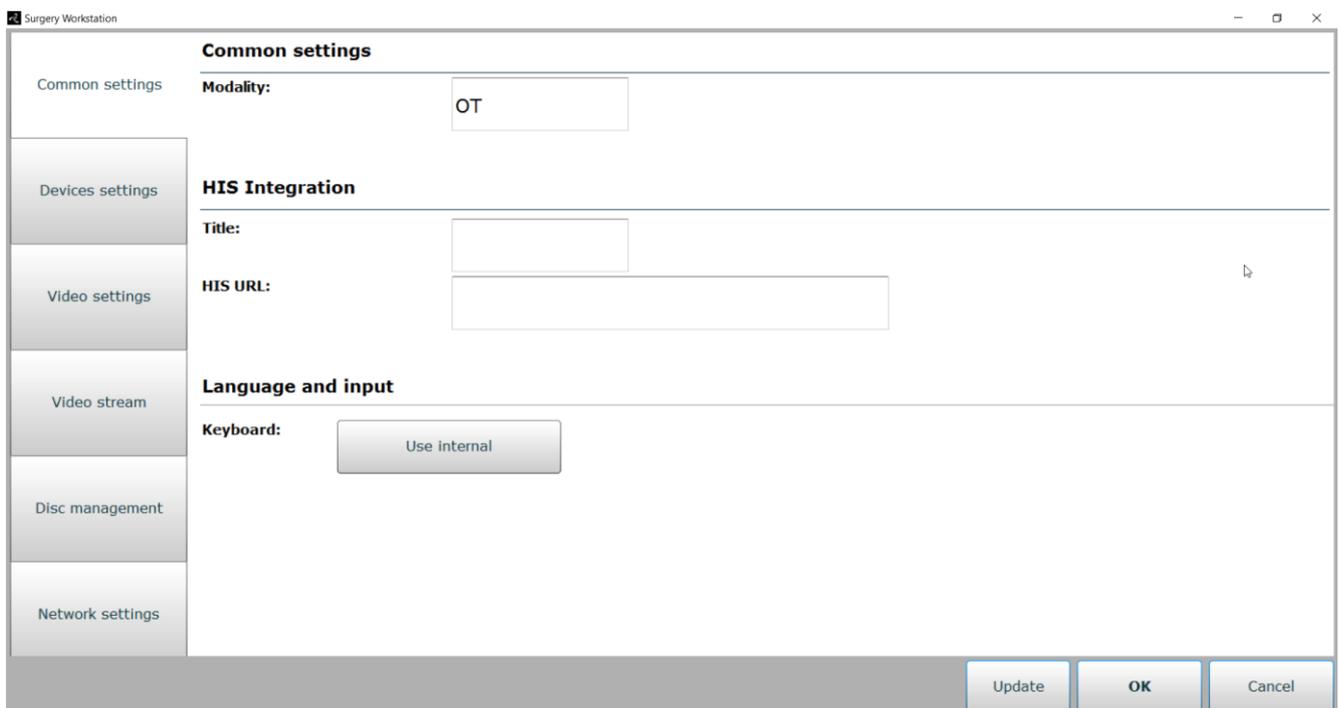
Picture 34. Settings button.

Here you may indicate or modify the following settings:

- Common settings;
- Devices settings;
- Video settings;
- Video stream;
- Disc management;
- Network settings.



In order to secure successful SW job, the settings must be modified only by the system administrator.



Picture 35. Settings window.

### Common settings

You can configure video files modality, create HIS integration, change Keyboard to external in the common settings.

By default, after installation, video files modality will be set: OT. You can change it and we recommend to choose one of these modalities: <http://www.dicomlibrary.com/dicom/modality/>.

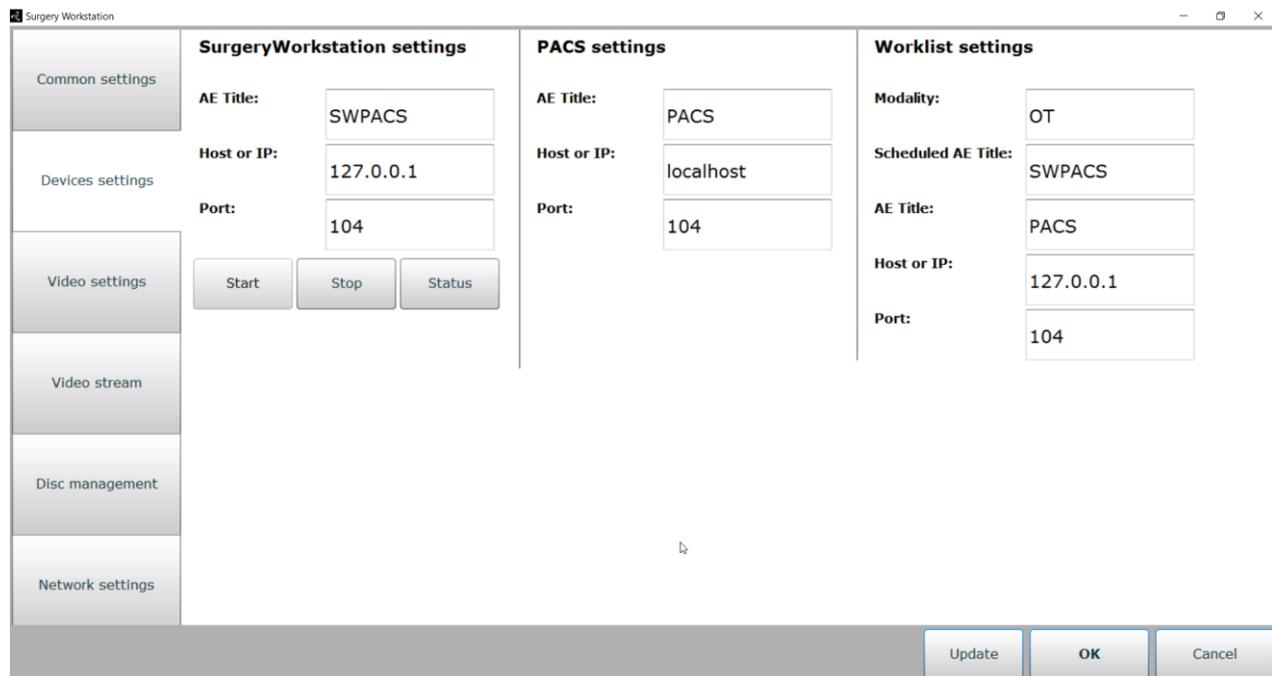
To create HIS integration, enter the name and URL address. Browser button will appear on the menu which will navigate you to HIS.



Picture 36. Browser button.

## Devices settings

Devices settings tab let you to manage SurgeryWorkstation, PACS and network settings of Worklist devices.



Picture 37. Devices settings

## Video settings

You can manage video settings according to the criteria you need:

- Change video device, input signal, standard;

<b>Device:</b>	<b>Input:</b>	<b>Standard:</b>
<input type="text" value="ASUS USB2.0 Webcam"/>	<input type="text" value="DVI_D"/>	<input type="text" value="AUTO"/>

- Log changes of video input;

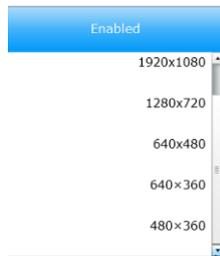
**Log:**

- Adjust video contrast, brightness, hue, sharpness, saturation;

**Adjust video:**

Contrast 128 <input type="range"/>	Hue 128 <input type="range"/>	Saturation 128 <input type="range"/>
Brightness 128 <input type="range"/>	Sharpness 128 <input type="range"/>	<input type="button" value="Reset"/>

- Set video viewing size;



- Set video size and time interval;

#### Video size in seconds:

~19.9 MB

- Set video format.

#### Save video:

Video size in seconds:

Format:



Picture 38. Video settings

### Video stream

By default, video stream is disabled. This function allows to broadcast videos on any other software and browser. URL address is combined from SW IP, user name and password. Stream parameters can be further adjusted in the settings.cfg file in the Surgery Workstation installation directory.

#### Video stream

Url: `rtsp://root:root@10.124.1.137:554/session0.mpg`  
`rtsp://10.124.1.137:554/session0.mpg`

User name:

Password:

Port:

How to connect ? <http://10.124.1.137/livevideo/>

Picture 39. Video stream

To check how to start the stream using the VLC player press the link in the How to Connect row.

## Disc management

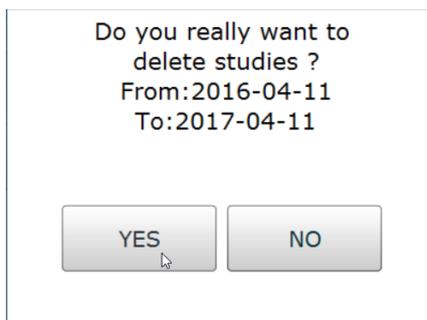
These settings are for managing free space in disc. If you need more space for new video, you should delete old video files. To delete old files, follow these steps:

1. Select date interval. Custom – add your own specific from and to dates. You will also find these options:



A vertical dropdown menu with the following options: Custom, Today, Week, Month, Year, All.

2. Click delete button. System will ask you “Do you really want to delete studies?”

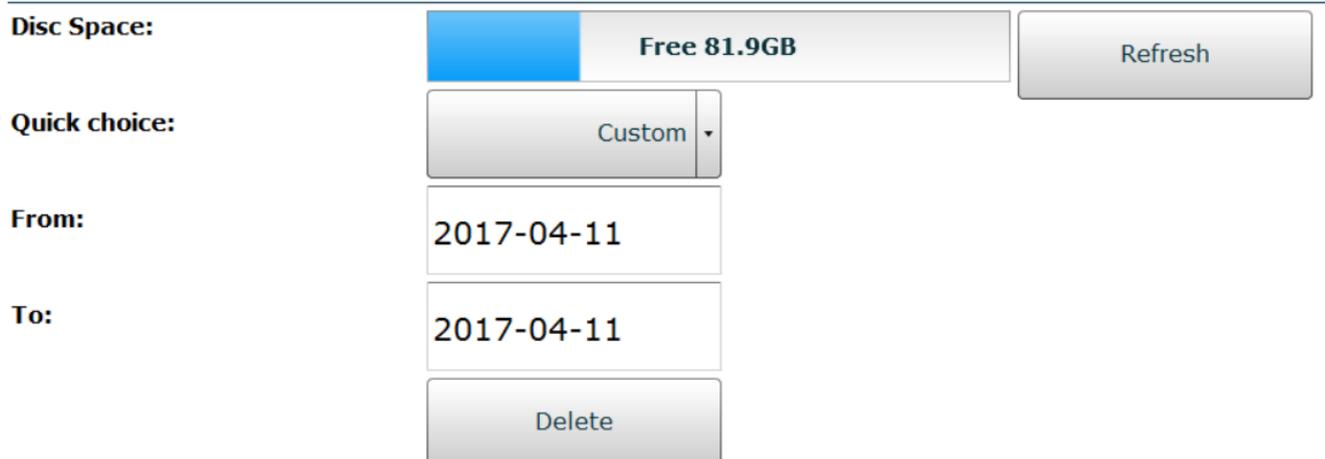


Do you really want to delete studies ?  
From:2016-04-11  
To:2017-04-11

YES NO

3. Click YES and SW will delete all video files from selected date interval.

## Disc management



Disc Space: Free 81.9GB Refresh

Quick choice: Custom

From: 2017-04-11

To: 2017-04-11

Delete

Picture 40. Disc management

## Network settings

PC network settings for users who do not have access to OS administration panel.

Network settings	
Common settings	Connection: <b>Connected</b> Adapter: <b>Enabled</b>
Devices settings	Network adapters: <input type="button" value="Wi-Fi"/> Disable/Enable adapter: <input type="button" value="Disable"/>
Video settings	IP Address: <input type="text" value="192.168.1.69"/> Obtain settings automatically: <input type="button" value="Set"/>
Video stream	Subnet Mask: <input type="text" value="255.255.255.0"/> Apply settings: <input type="button" value="Apply"/>
Disc management	Default Gateway: <input type="text" value="192.168.1.254"/> Refresh adapters: <input type="button" value="Refresh"/>
Network settings	Preferred DNS Server: <input type="text" value="192.168.1.254"/>
	Alternate DNS Server: <input type="text"/>
	Preferred WINS Server: <input type="text" value="None"/>
	Alternate WINS Server: <input type="text"/>
<input type="button" value="Update"/> <input type="button" value="OK"/> <input type="button" value="Cancel"/>	

Picture 41. Network settings

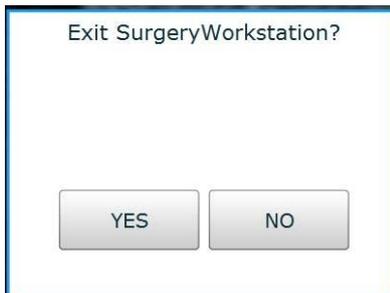
## Leaving Surgery Workstation

If you want to leave SW press *Exit*.



Picture 42. Exit button.

After pressing *Exit* button, a query will appear, asking if you want to exit SW. If you press *YES* you will successfully leave the system.



Picture 43. Notification asking whether to exit the software.

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