

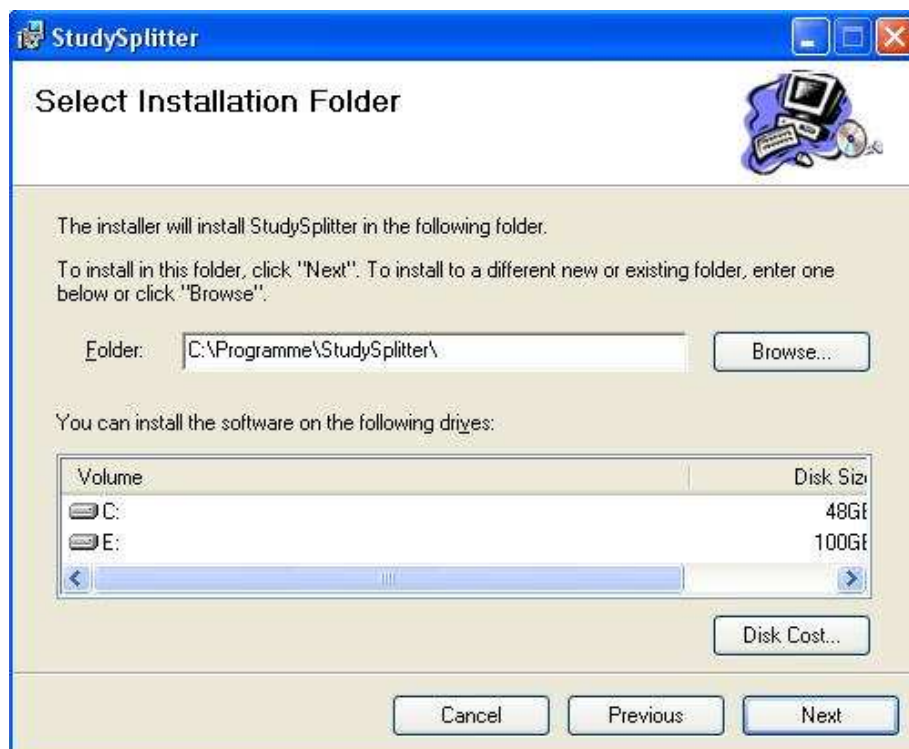
# STUDY SPLITTER

MANUAL

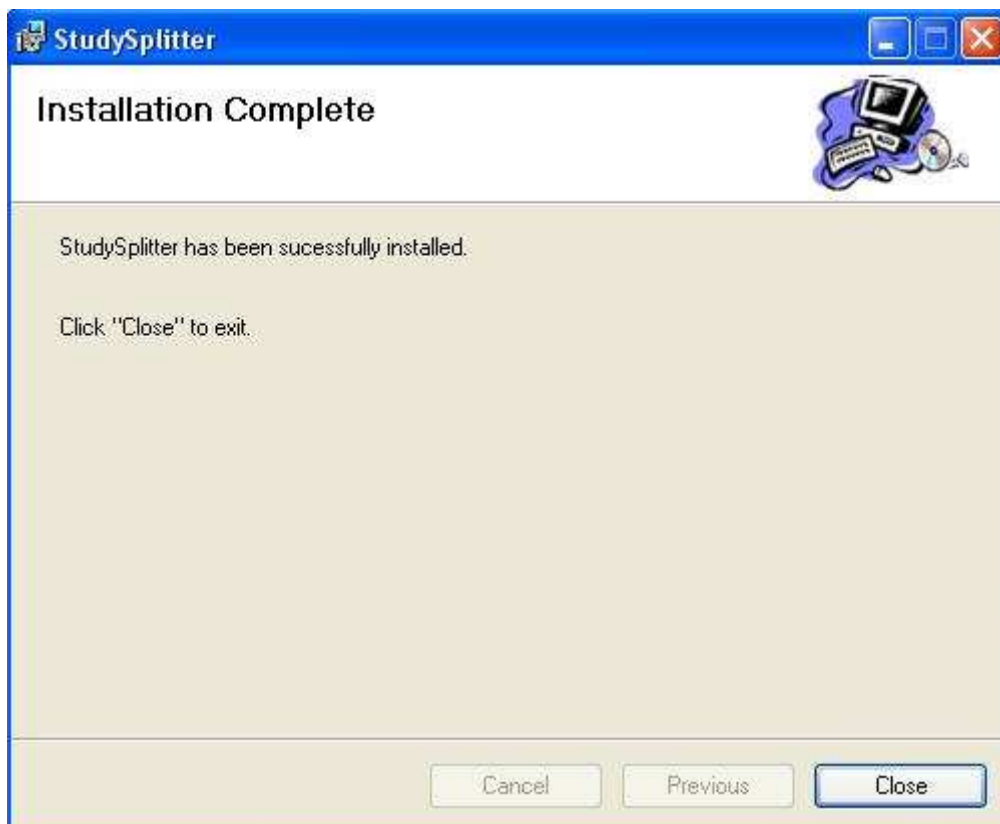
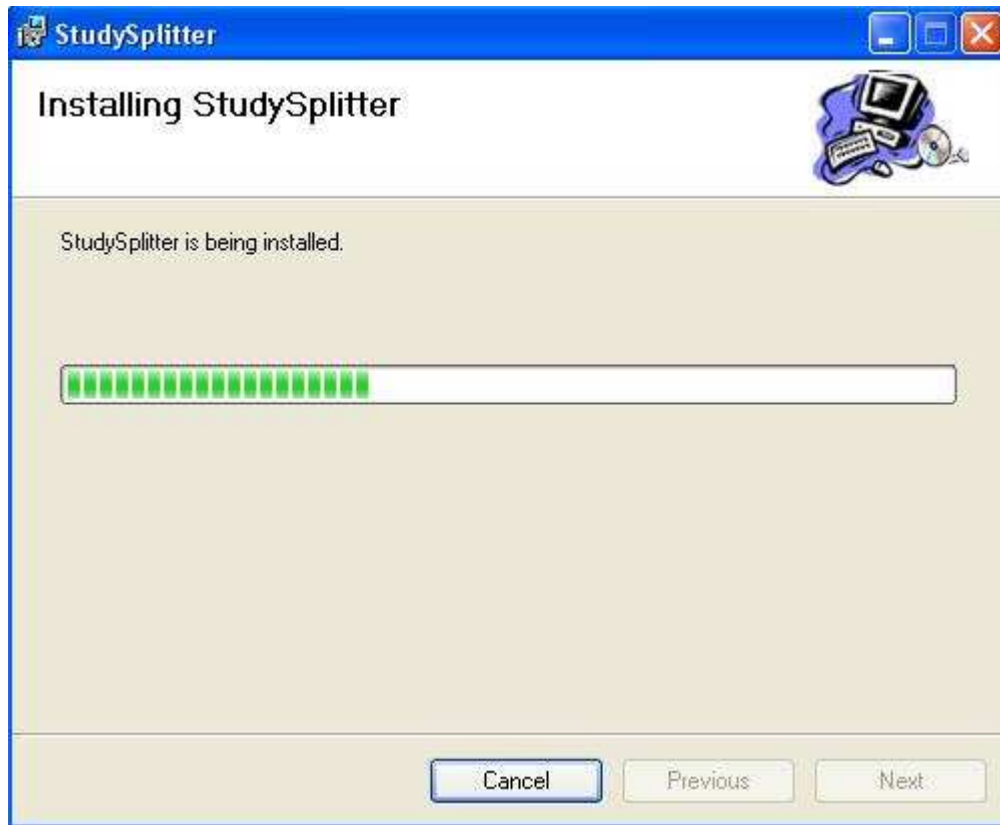
# Installation:



- click **Next**



- select the installation folder for the Study-Splitter  
- click **Next**



- the installation is finished
- click **Close**

# Configuration:



- click **Settings**. The settings window will appear.

Local Port: 1234	Local AET: StudySplitter
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- fill the fields with your Port and Local AET.

Port: The local TCP / IP port number of the DICOM connection.

Local AET: Setup the **Application Entity Title (AET)** with the STUDY - SPLITTER identifies itself at other Dicom nodes.

Alias: Is a user specified name for the remote node.

Add: Select to add a new remote node.

Save: Select to save the changes of the selected node.

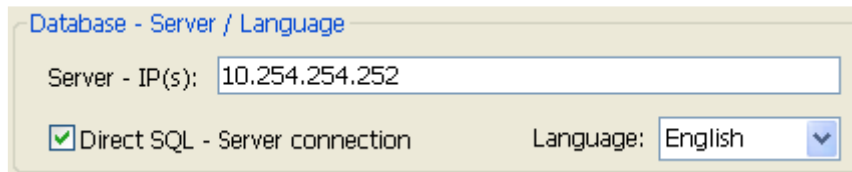
Delete: Select to delete the selected node.

Alias: MediStore2000	Remote Node / IP: 10.254.254.252		
Remote AET: MediStore2000	Remote Port: 1111		
<b>Default</b>	Save	Add	Delete

- fill the fields with your data and click **Default** to set **Alias, Remote AET, Remote Node / IP** and **Remote Port** as default settings

## **SQL – Server Connection:**

*(If you have **only one** database)*

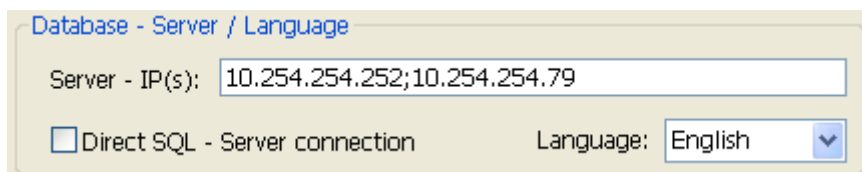


The screenshot shows a configuration window titled "Database - Server / Language". It contains a text input field for "Server - IP(s)" with the value "10.254.254.252". Below this, there is a checked checkbox labeled "Direct SQL - Server connection" and a dropdown menu for "Language" set to "English".

- enter the SQL-Server-IP
- select the check box next to **Direct SQL – Server connection**

**OR**

*(If you have **more than one** databases)*



The screenshot shows a configuration window titled "Database - Server / Language". It contains a text input field for "Server - IP(s)" with the value "10.254.254.252;10.254.254.79". Below this, there is an unchecked checkbox labeled "Direct SQL - Server connection" and a dropdown menu for "Language" set to "English".

- enter the SQL-Server-IP addresses (separated with ";")
- do not select the check box next to **Direct SQL – Server connection**

# Search - Function:

*For searching a study*



- click **Search Study**. The search window will appear.

The image shows a search form with the following fields: 'Patient - ID:' (text input), 'Studydate:' (calendar dropdown), 'Sex:' (dropdown), 'Date of birth:' (calendar dropdown), 'Surname:' (text input), 'Name:' (text input), and 'Study Description' (text input). A 'Search' button is located at the bottom right of the form, highlighted with a red box.

- fill the fields with your search criteria

- click **Search**

The image shows a window titled 'Study-Splitter: Search' with a search form and a table of results. The search form fields are filled with: Patient - ID: x3749, Studydate: 15.04.2009, Sex: M, Date of birth: 15.04.2009. The table below shows the search results:

Studydate	Patient ID	Name	Sex	Date of birth	Time	Study Description
22.10.2008	x3749	James Mustermann	M	12.03.2008	15:10:00	N/A
22.10.2008	x3749	Max Mustermann	M	12.03.2008	15:10:00	N/A
22.10.2008	x3749	Peter Mustermann	M	12.03.2008	15:10:00	N/A

- double-click the list entry to retrieve this study into a new window

## **Mark / Unmark Images:**

Mark Image:

- select the image

Mark more images:

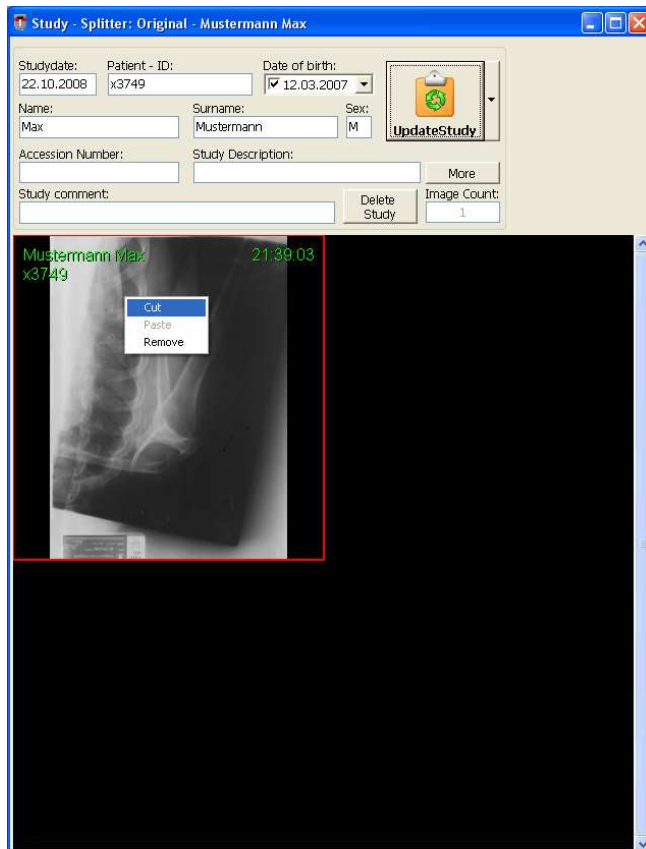
- press **CTRL - Key**
- hold down the **CTRL – Key** and click on the image

Unmark:

- press **CTRL - Key**
- hold down the **CTRL – Key** and click on the marked image

# Split study with "Cut & Paste":

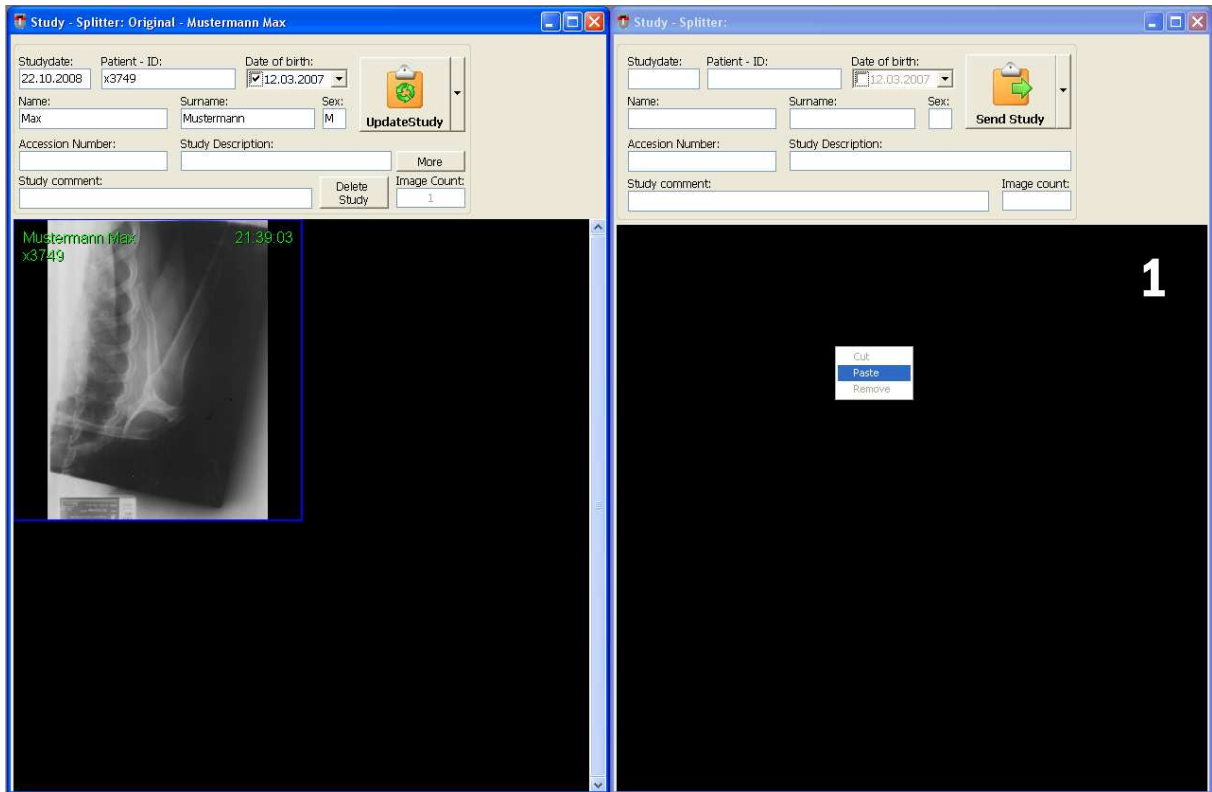
*Moving images into another study window*



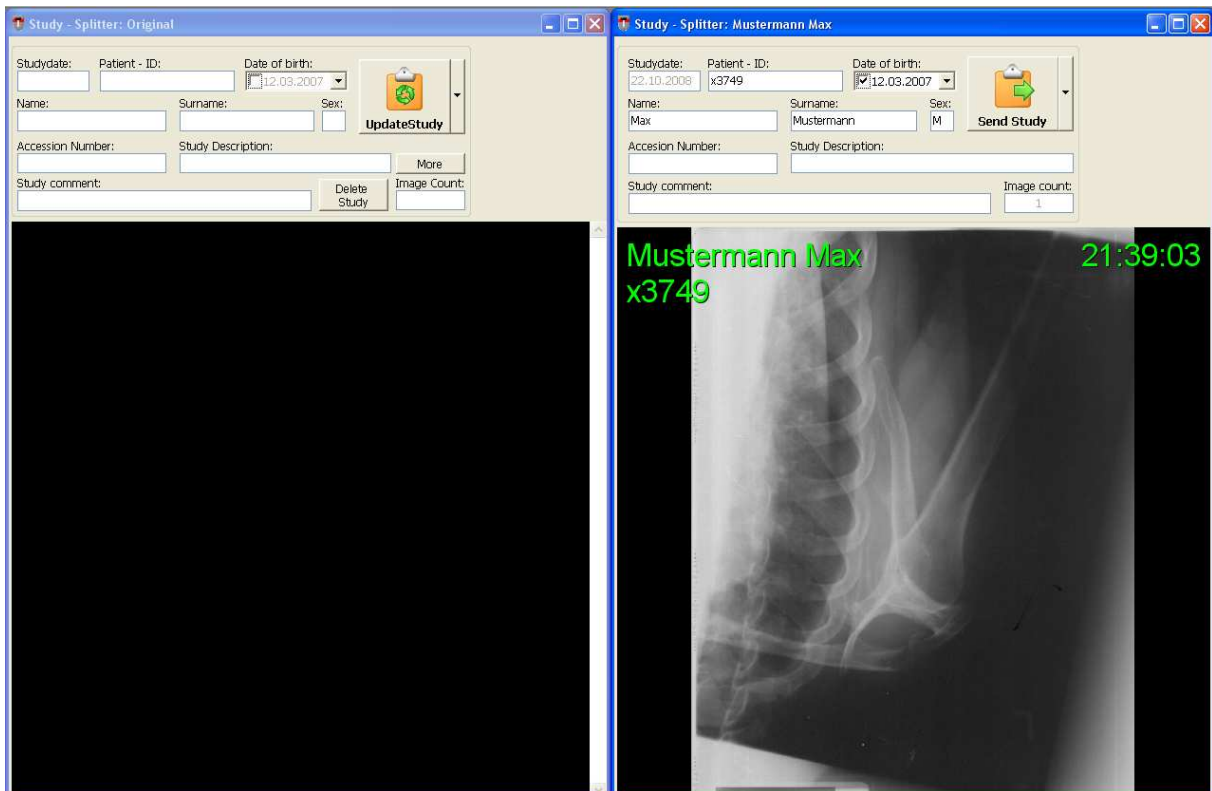
- select the image (right mouse button)
- select **Cut** (left mouse button)

(If you want to select more images then press **CRTL** and select the images with the left mousebutton)



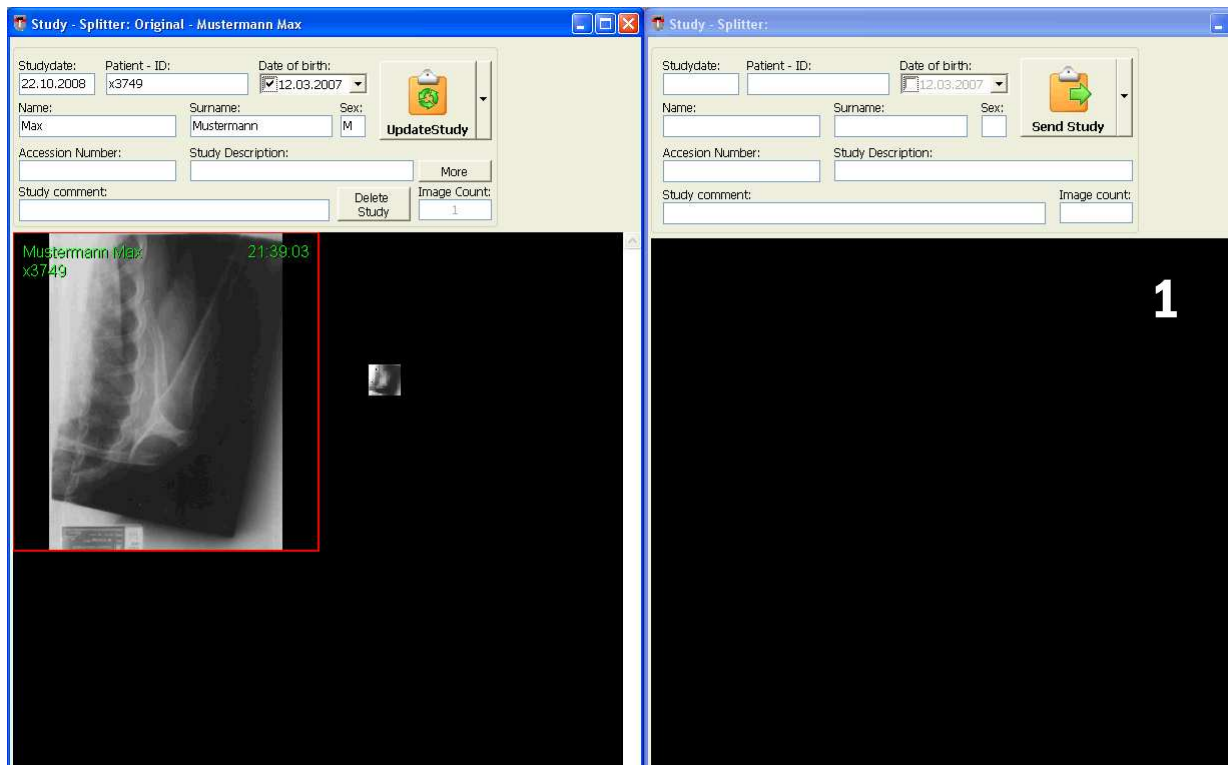


- click into the empty study window (1) (right mouse button)
- select **Paste** (left mouse button)



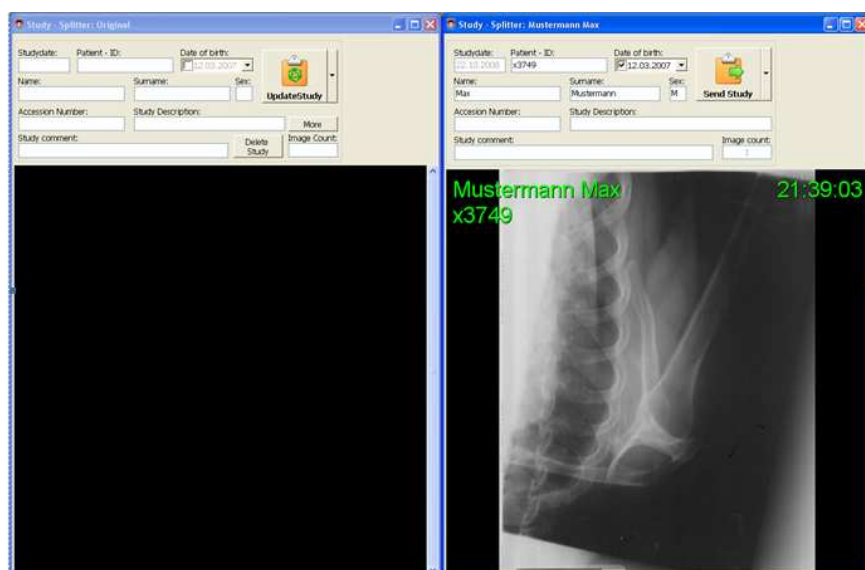
# Split study with "Drag & Drop":

*Moving images into another study window*



Click and hold the image you want to move, and drag-and-drop it to the new study.

(If you want to select more images, press **CRTL** and select the images with the **left mousebutton**)

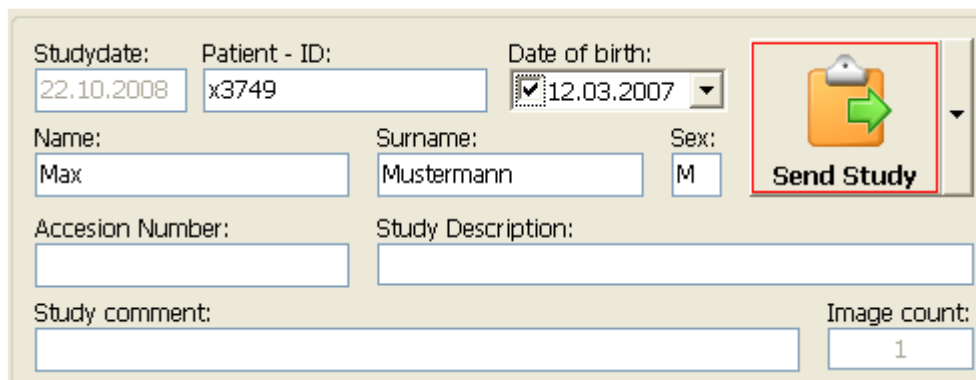


# Send a study to the archive:

*Saving a study / generating new study*




- correct the patient information




- click **Send Study**

## Update the original study:

Studydate: 22.10.2008	Patient - ID: x3749	Date of birth: <input checked="" type="checkbox"/> 12.03.2007	 <b>UpdateStudy</b>
Name: Max	Surname: Mustermann	Sex: M	
Accession Number: 	Study Description: 	<b>More</b>	
Study comment: 	<b>Delete Study</b>	Image Count: 1	

- change the patient information

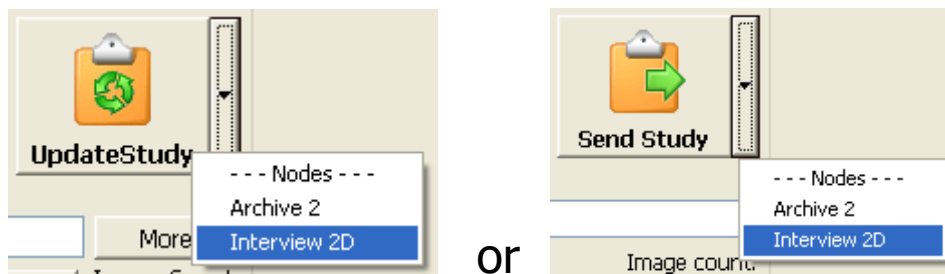
Studydate: 22.10.2008	Patient - ID: x3749	Date of birth: <input checked="" type="checkbox"/> 12.03.2007	 <b>UpdateStudy</b>
Name: Max	Surname: Mustermann	Sex: M	
Accession Number: 	Study Description: 	<b>More</b>	
Study comment: 	<b>Delete Study</b>	Image Count: 1	

- click **Update Study**

## **Sending studies to not default nodes:**

If you want to send the study to another node as the “default node” then you can select one of the popupmenu options.

*(You can see all configured nodes in the popupmenu)*



With the [left mouse button](#)

- click the button with the ▼ - Symbol
- select the node

### Note:

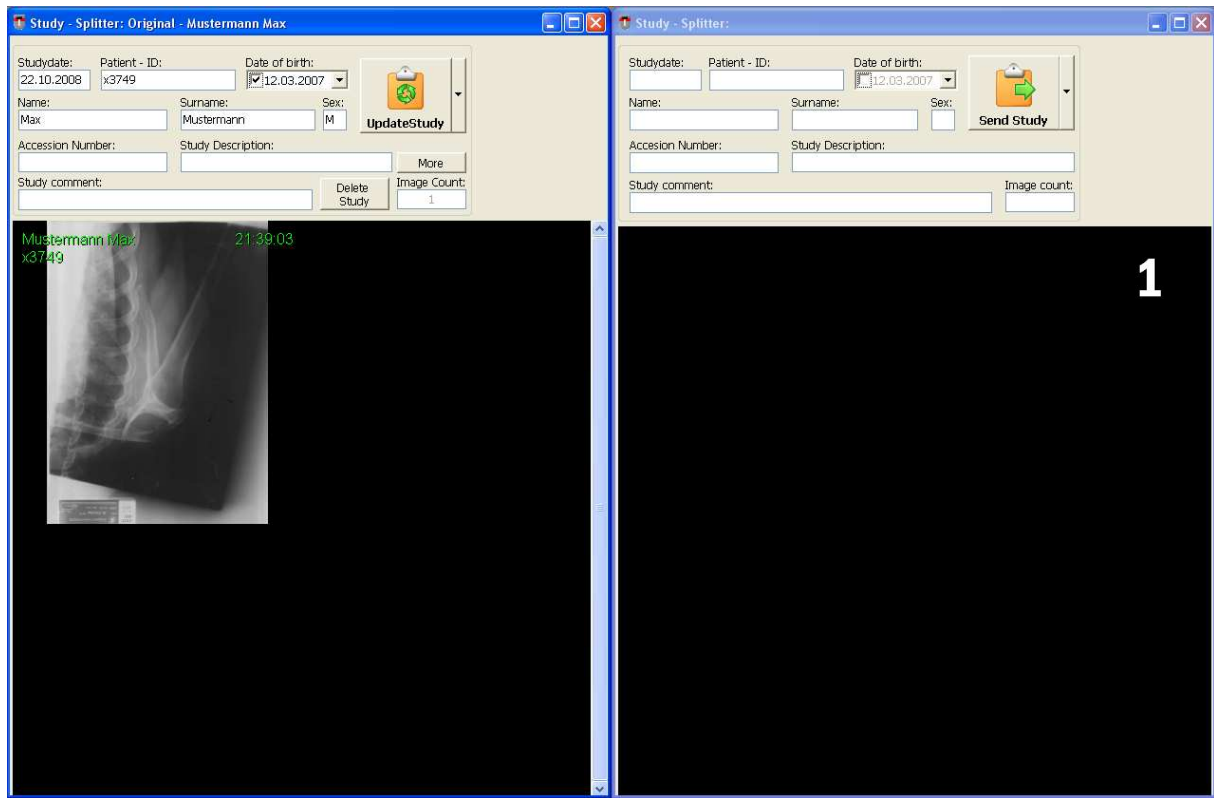
If you send a study to a not default node then the original study will not be changed.

# New Study:

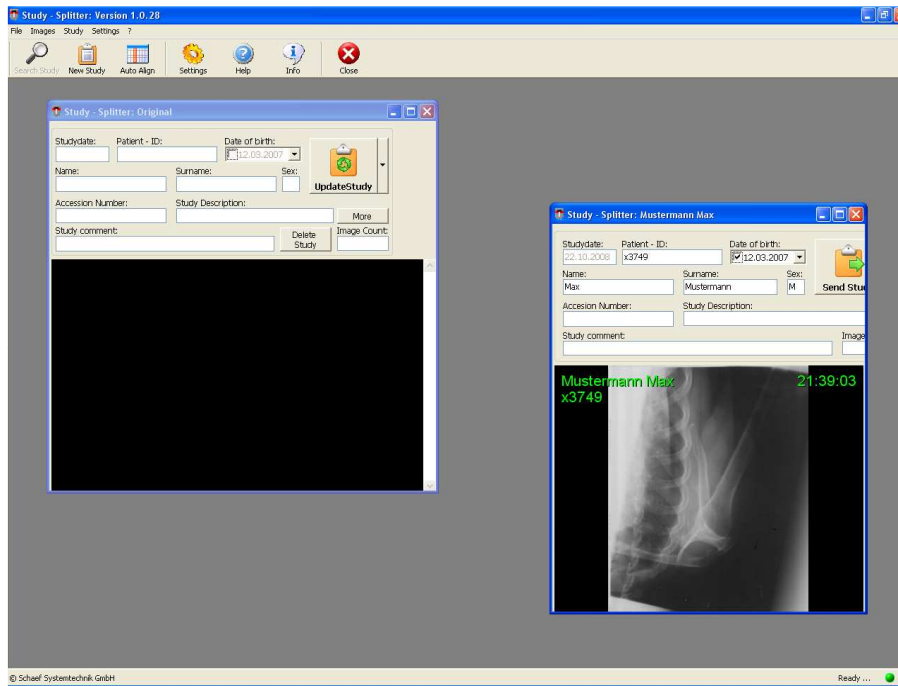
*For creating new empty study window (1)*



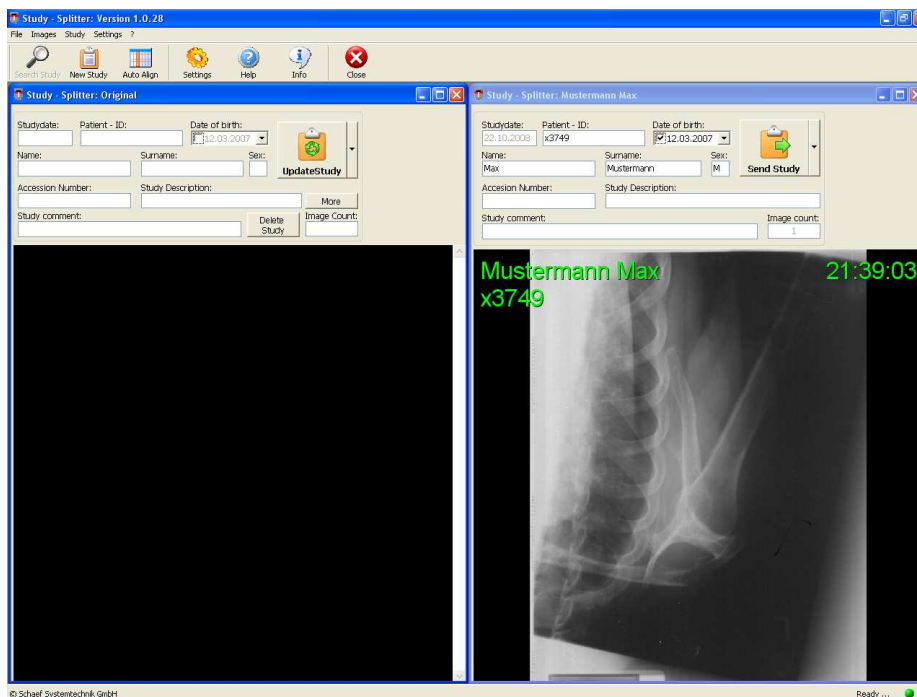
- click **New Study**



# Auto Align: *Aligning the studies to fit the screen*

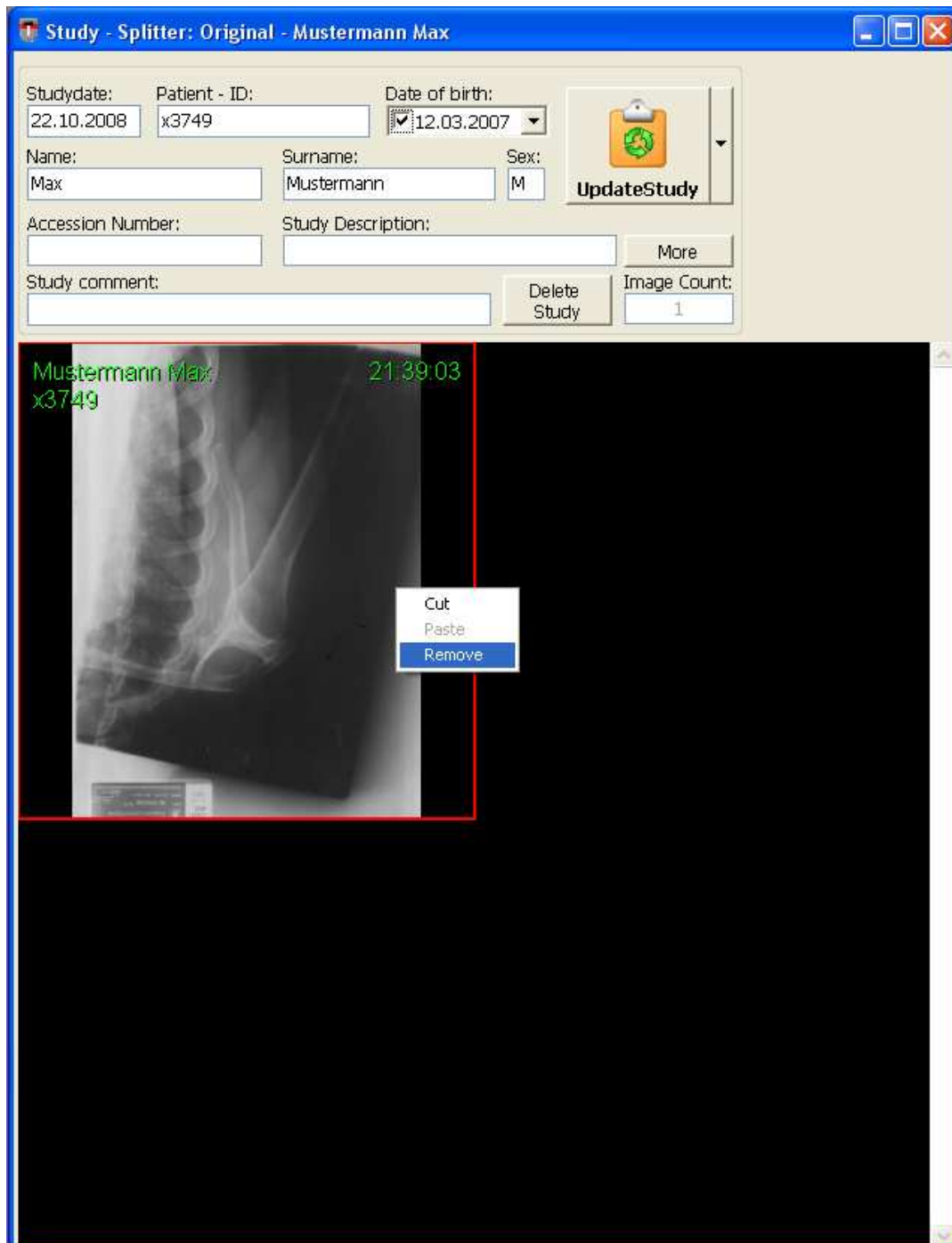


- click **Auto Align**



## Remove Images:

*Removing images from a study*



With the [right mouse button](#)


- select the image
- click **Remove** to remove the selected image(s)

(Press [CTRL](#) and select with the images ([left mouse button](#)) to remove more than one image)



## **More - Button:**

*For doing more changes*

Studydate: 22.10.2008	Patient - ID: x3749	Date of birth: 12.03.2007	 <b>UpdateStudy</b>
Name: Max	Surname: Mustermann	Sex: M	
Accession Number: 	Study Description: 	<b>More</b>	
Study comment: 	<b>Delete Study</b>	Image Count: 1	

- click **More**

**More**


<input checked="" type="checkbox"/> <b>Modality</b>	OT
<input type="checkbox"/> Referring Physician	
<input type="checkbox"/> Institution	
<input type="checkbox"/> Station	
<input type="checkbox"/> Symptom	

**Save** **Cancel**

Select the check box next to the patient information (Modality, Station, ...) to changes this value in **each image** of the study.

## **Delete Study:**

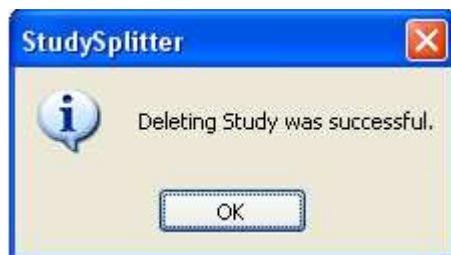
*For deleting a study*

Studydate: 07.10.2004	Patient - ID: 0815	Date of birth: <input checked="" type="checkbox"/> 12.01.2002	 <b>UpdateStudy</b>
Name: Test	Surname: Test	Sex: <input type="radio"/>	
Accession Number: 	Study Description: Request	<b>More</b>	
Study comment: 	<b>Delete Study</b>	Image Count: 1	

- click **Delete Study**



- click **Yes** to confirm.



The study is successfully deleted.