Operation Room Solution

Standard Edition

Help-Manual

Main Screen Overview

This part of the screen is used to add details of new records as well as to view the details of existing records.

TRU-SOLUTIONS' OR-VISION

Administration   Patient   Help   Exit

Patient Details

Reg. Date	07/07/2009	090707004	IP3201
Name	Mrs.	Sunita	
Age	36	Years	Gender	Female	Address...
Referrer	Dr. Laxmi	
Diagnosis	G3P2L1D1 with 8wks pregnancy	
Procedure	DIAG LAP	
Surgeon	Dr. Naseem Sultana	
Asst. Surgeons	Dr. Saxena	Dr. Prashanth Kumar
Nurses	Miss Priya	
Anesthetist	Dr. Nagender Kumar	
Anesthesia	AXON -- GA	
Remarks	regular follow up	

Save record   Print report
CD/DVD Burn   Lock   New

Standard Edition
2.0.6

This part of the screen is used to preview/record live surgery video. It is also used to playback recorded videos.

TRU-SOLUTIONS'
OR-VISION
surgical image capturing and patient management software

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Play [F5]   Record [F6]   Snap [F7]   Fullscreen [F8]   Configure

Summary tab will hold the summary of the surgery that could be exported to Excel file along with patient record.

Videos   Images   Summary   Attachments   (Un)Check All   Export Checked   Import   Save Summary   Font   Fullscreen

V	D	E	En	R	Tags
V	D	E	En	R	Tags
V	D	E	En	R	Tags
V	D	E	En	R	Tags

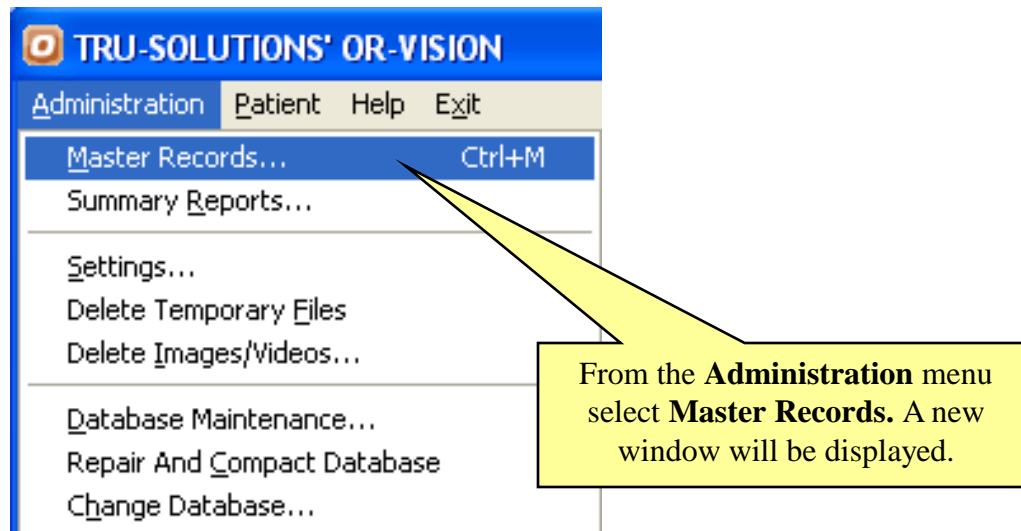Captured stills will be listed under **Images** tab

Attachments tab allows you to attach various documents to current patient record, like lab reports, referral letters, spreadsheet files, PDF files, etc.

Video thumbnails of selected patient will be displayed under **Videos** tab

View/Add/Modify/Delete Master Records

Master record types:

1.Procedures: List of medical procedures/reporting templates.

2.Surgeons: List of surgeons/assistant-surgeons who will perform the procedure

3.Nurses: List of nurses assisting the surgeons

4.Anesthetists: List of anesthetists

5.Anesthesia: List of types of anesthesia

6.Referrers: List of referrers (doctors, clinics, etc).

7.Diagnosis: List of diagnosis

8.Templates: Master list of templates (procedure reports, referral letters, etc) that can be copied to individual patient record

From the **Administration** menu select **Master Records.** A new window will be displayed.

Master Records

Options

Search

10

Name
DIAG LAP
Hysteroscopy Report
LAP APPENDECTOMY
Lap Hyestrectomy
LAP INCISIONAL HERNIA
Laparoscopy
Laparotomy
Lap-Chole
MTP + Lap. Sterilization
T U R P

Procedures

Surgeons

Nurses

Anesthetists

Anesthesia

Referrers

Diagnosis

Attachments

Reporting templates

standard

New Template   Modify

Rename   Delete

The default record will be listed **bold**.

Use these buttons to add new record or to modify/delete the selected master record.

From these options select the type of master records that you want to view/modify/delete.

Use this button to mark the selected record as default. The default record will be auto-selected in the patient registration screen.

Add   Modify   Delete   Set As Default   Allow new record addition from main screen   Close

Add, Modify Procedure List and Reporting Templates:

Master records **Procedures** selected.

List of currently available procedure names.

List of report templates associated with the selected procedure.

Master Records

Options

Search [   ]   10

Procedures	Name	Reporting templates

Procedures

Surgeons

Nurses

Anesthetists

Anesthesia

Referrers

Diagnosis

Attachments

Name
DIAG LAP
Hysteroscopy Report
LAP APPENDECTOMY
Lap Hyestrectomy
LAP INCISIONAL HERNIA
Laparoscopy
Laparotomy
Lap-Chole
MTP + Lap. Sterilization
T U R P

Selected procedure.

Reporting templates
standard

Use these buttons to add,modify,rename and delete report templates for currently selected procedure.

New Template   Modify
Rename   Delete

Use these buttons to add,modify and delete selected procedure.

Add   Modify   Delete   Set As Default   ☐ Allow new record addition from main screen   Close

Designing Procedure Reporting Template in MS-Word:

Template Designer

Insert   Image Size   Page Setup   Save   Preview   Print   Exit

File   Edit   View   Insert   Format   Tools   Table   Help

100%   Header   14

Microsoft Word document.

Place holders: will be replaced by actual values.

Your Logo

Your Medical Centre Name
Address line 1
Address line 2

Patient Name	: name	Surgeon	: surgeon
Age/Sex	: Age/gender	Assistants	: asstsurgeons
Patient Id	: id	Anesthetist	: anesthetist
Indication	:	Anaesthesia	: anesthesia

procedure

Diagnosis	: dummy	
Surgery	:	
Findings	:	
Impression	:	

Image place holders: will be replaced by procedure images.

Options

| Procedures |
| Surgeons |
| Nurses |
| Anesthetists |
| Anesthesia |
| Referrers |
| Diagnosis |
| Attachments |

Search [   ]   6

Name	Address	Contact Nos	Email
Dr. Kalpana			
Dr. Naseem Sultana			**naseem@email.com**
Dr. Prashanth Kumar		987987456	
Dr. Rama Krishna	Nallakunta	987654321	rk@email.com
Dr. Saxena			
Dr. Supriya			

If this option is checked and a new record/name is entered in the registration screen and that record is not in the database, a new record will be automatically added. If not, user will be notified.

| Add | Modify | Delete | Set As Default | ☑ Allow new record addition from main screen | Close |

Add New Patient Record

Referrer, Procedure, Surgeon, Nurses, Anesthetist & Anesthesia fields will be auto filled with default values defined in master records.

TRU-SOLUTIONS' OR-VISION

Administration   Patient   Help   Exit

Patient Details

Reg. Date	03/12/2009	Patient Id	
Name	Mr.		
Age	0	Years	Gender	Male	Address...

Referrer   Dr. Venu Gopal

Diagnosis

Procedure   Laparoscopy

Surgeon   Dr. Naseem Sultana

Asst. Surgeons

Nurses   Miss Priya

Anesthetist   Dr. Nagender Kumar

Anesthesia   AXON -- GA

Remarks

Save record   Case report   Print report

CD/DVD Burn   Lock   New   Play

Standard Edition
2.0.6

If auto generate id option is selected, the id will be generated automatically when the patient record is saved, other wise you can type patient id here.

Click these buttons to add new master records.

Type in a few characters and a dropdown will popup displaying all records containing those characters. Use arrow keys to highlight the required record and press **Enter** to select it.

Pressing Down Arrow key will also display the list.

If **Allow new record addition from main screen** is checked in the master records screen, upon **Save** a new record will be added to the database if its not already there.

Videos   Images   Attachments   (Un)Check All   Export Checked   Import   Summary   Font   Fullscreen

Fill in the patient record information and click this button to add new patient record or update existing record.

Clicking **New** will reset all fields to their default values.

View/Record/Pause/Resume Live Surgery Video. Capture Video Stills

TRU-SOLUTIONS' OR-VISION

Administration   Patient   Help   Exit

Patient Details

Reg. Date	07/07/2009	090707004	IP3201

Some of the options will be enabled only when a new patient record is saved or an existing record is selected.

Name   Mrs.   Sunita

Age   36   Years   Gender   Female   Address...

Referrer   Dr. Laxmi

Diagnosis   G3P2L1D1 with 8wks pregnancy

Procedure   DIAG LAP

Surgeon   Dr. Naseem Sultana

Asst. Surgeons   Dr. Saxena   Dr. Prashanth Kumar

Nurses   Miss Priya

Anesthetist   Dr. Nagender Kumar

Anesthesia   AXON -- GA

Remarks   regular follow up

Standard Edition
2.0.6

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surgical image capturing and patient

Click this button or press **F5** to start/stop previewing live video. While recording, press this button to stop recording.

Click **Full Screen** or press **F8** to view video in full screen mode

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Play [F5]   Record [F6]   Snap [F7]   Fullscreen [F8]   Configure

Record   ...rt
D Burn   Lock   New

Captured stills will be displayed under **Images** tab

The recorded video thumbnails will be listed here

Videos   Images   Summary   Attachments   (Un)Check All   Export Checked   Import   Save Summary   Fo...   Fullscreen

V D E En R Tags	V D E En R Tags	V D E En R Tags	D E En R

MPEG2
09:35.0
311.6MB

DVD
00:25.2
13.7MB

VCD
00:31.6
5.3MB

1.9MB

Click this button or press **F6** to start/pause/resume video recording.

Click **Snap** or press **F7** to capture stills from current video stream

Play, Delete, Export & Edit Recorded Videos

Click this button to play this video
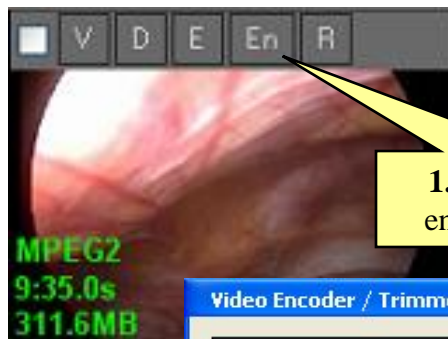
Click this button to delete this video

Click this button to refresh video thumbnail & video information.
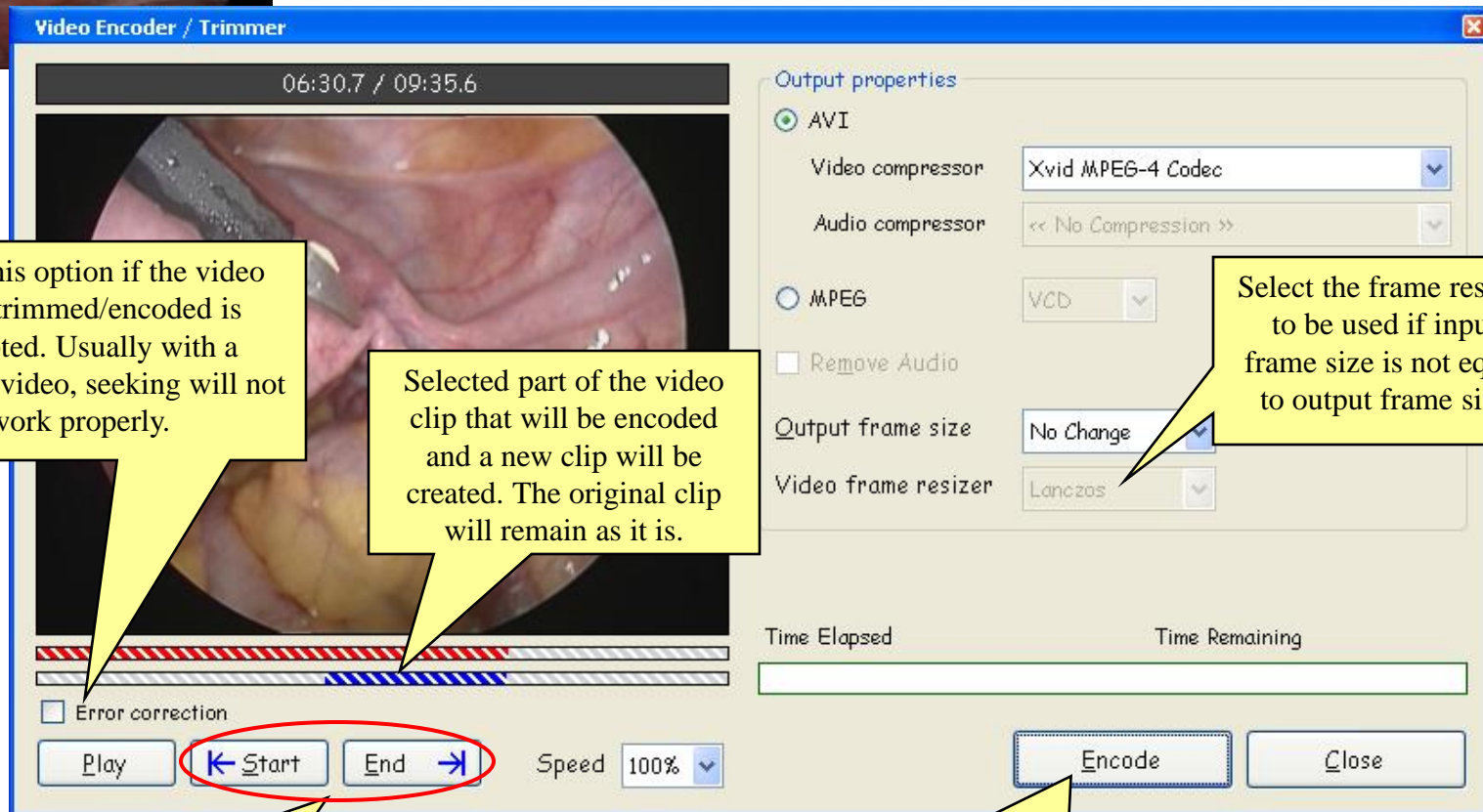
Click this button to export this video

Click this button to encode/trim this video

Video format (AVI, MPEG1/2, VCD, DVD), duration, file size will be listed here

CD/DVD B...   Lock

Videos | Images | Summary | Attachments | (Un)Check All   Export Che...

V D E En R

V D E En R

AVI
01:13.0
16.5MB

MPEG2

Trim/Encode Recorded Video

1. Click this button to encode/trim this video

Check this option if the video being trimmed/encoded is corrupted. Usually with a corrupted video, seeking will not work properly.
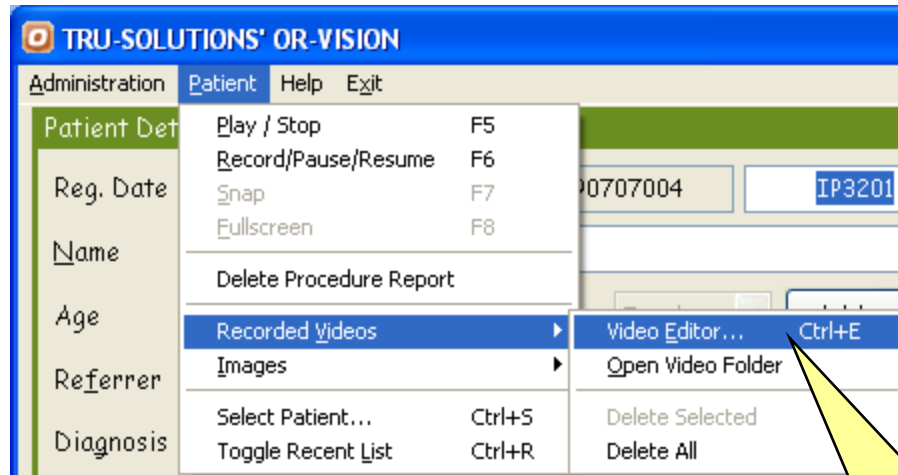
Selected part of the video clip that will be encoded and a new clip will be created. The original clip will remain as it is.

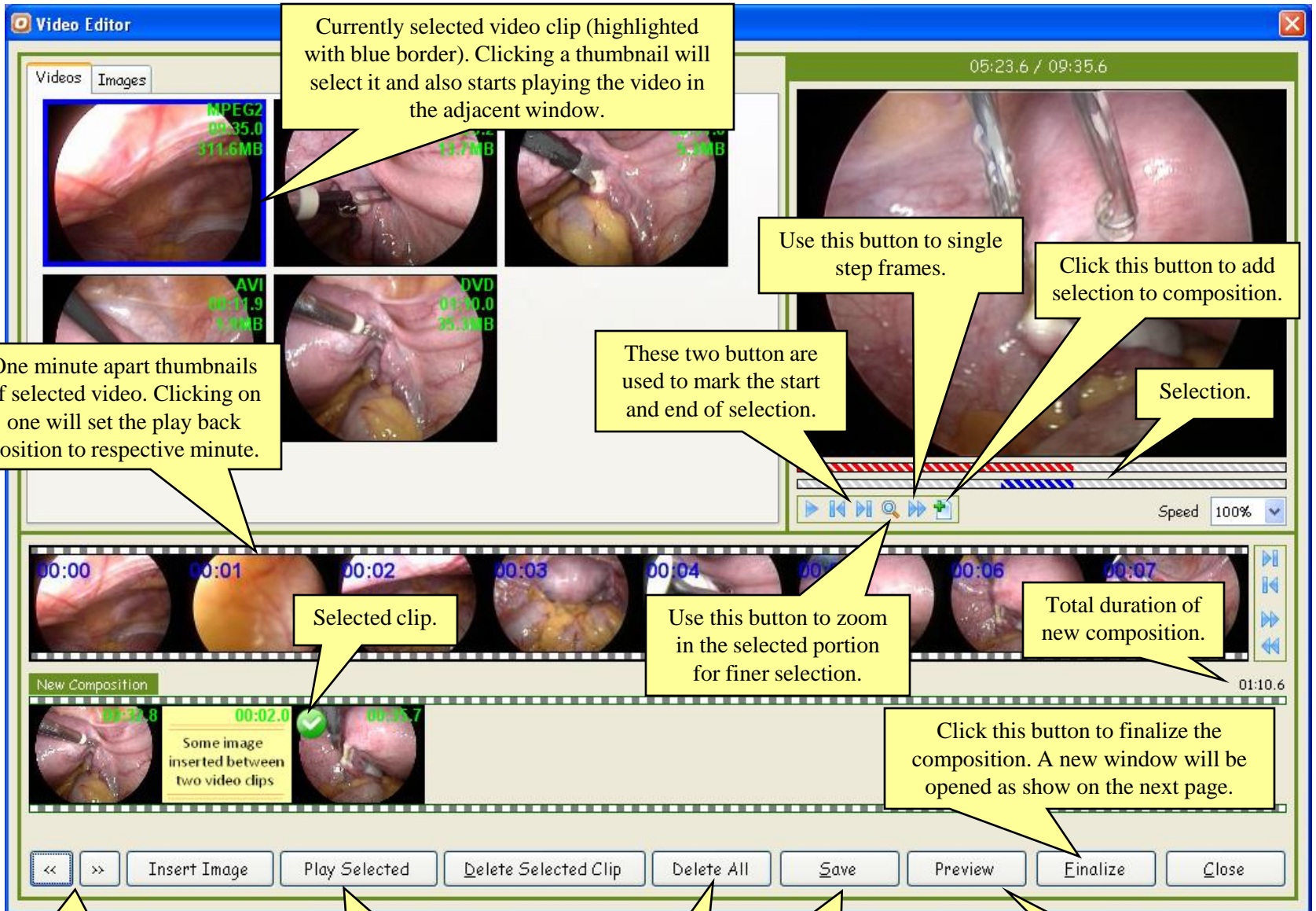Select the frame resizer to be used if input frame size is not equal to output frame size

2. Use these buttons to mark the start & end of video selection.

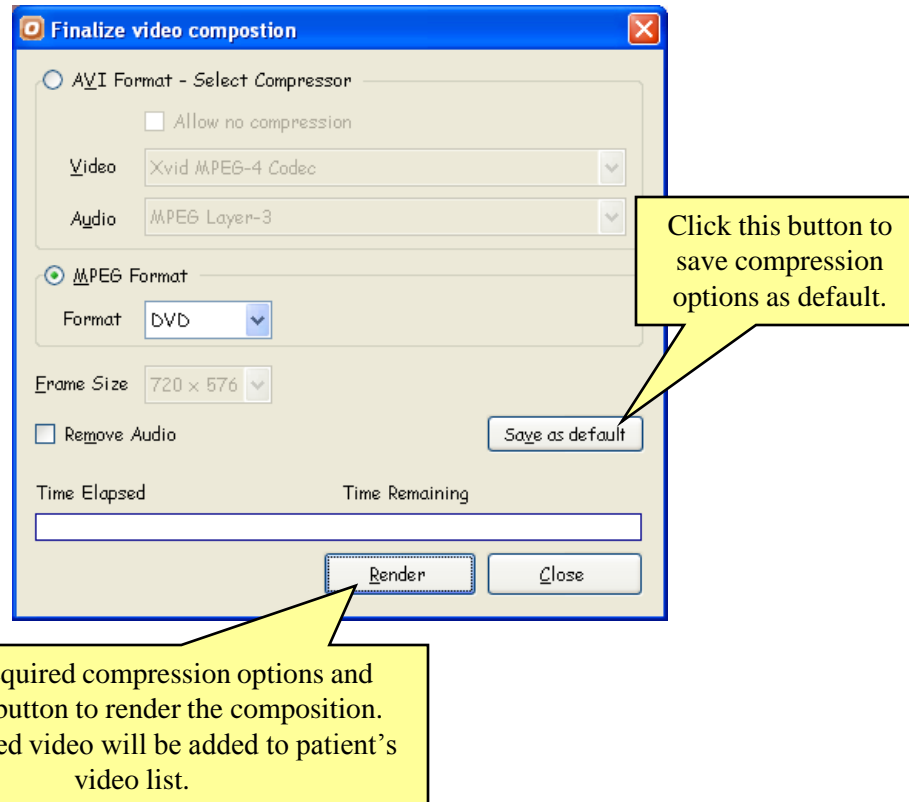**3.** Press this button to encode the selection. A new video clip will be created.

Video Editor

After selecting patient record, click on **Video Editor…,** a new window will be opened.

Video Editor

Videos | Images

MPEG2
00:35.0
311.6MB

AVI
00:11.9

DVD
01:00.0
35.3MB

05:23.6 / 09:35.6

Currently selected video clip (highlighted with blue border). Clicking a thumbnail will select it and also starts playing the video in the adjacent window.

Use this button to single step frames.

Click this button to add selection to composition.

These two button are used to mark the start and end of selection.

Selection.

One minute apart thumbnails of selected video. Clicking on one will set the play back position to respective minute.

Speed 100%

00:00   00:01   00:02   00:03   00:04   00:05   00:06   00:07

Selected clip.

Use this button to zoom in the selected portion for finer selection.

Total duration of new composition.

01:10.6

New Composition

00:02.0

Some image inserted between two video clips

Click this button to finalize the composition. A new window will be opened as show on the next page.

<< | >> | Insert Image | Play Selected | Delete Selected Clip | Delete All | Save | Preview | Finalize | Close

Use these buttons to reposition composition clips

Click to play selected clip from composition,

Reset composition.

Explained in next page

Preview new composition.

Finalize Video Editing:

Finalize video compostion

- ○ A**V**I Format - Select Compressor
  - ☐ Allow no compression
  - **V**ideo: Xvid MPEG-4 Codec
  - A**u**dio: MPEG Layer-3
- ⦿ **M**PEG Format
  - Format: DVD

Frame Size: 720 × 576

☐ Re**m**ove Audio

[Sa**v**e as default]

Time Elapsed   Time Remaining

[**R**ender]   [**C**lose]

> Click this button to save compression options as default.

> Set the required compression options and click this button to render the composition. The rendered video will be added to patient's video list.

Save Composition:

Clicking the **Save** button saves current composition. It is also auto saved when the composition is either previewed or finalized. When the video editor is re-opened for the same patient, the last saved composition is loaded automatically.

Attachments (Procedure Report, Referral Letters etc.)

List of attachments(procedure reports, referral letter, etc) associated with current patient record.

Click this link to export checked attachments to user selected folder.

Click **Import** to import files (attachments) to current patient record.

Vide	Images	Summary	Attachments	(Un)Check All	Export Checked	Import

☐ Discharge Summary.doc
☐ Empty MS-Excel Worksheet.xls

« Select attachment »

List of master attachment templates (referral letters, etc) that can be added to current patient record.

Click this button to add selected master attachment to current patient record.

Use these buttons to:
1. Open selected attachment.
2. Toggle attachment selection.
3. Delete checked attachments.
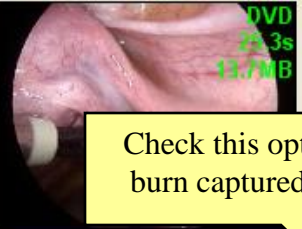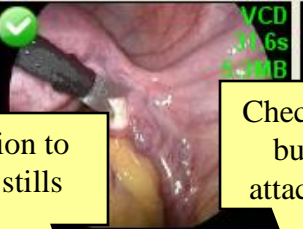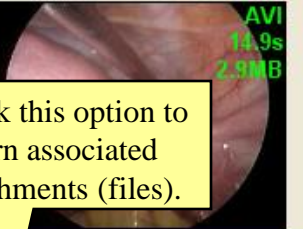
CD/DVD Write Surgery Videos / Images

Remarks: regular follow up

Select a patient record with videos & click this button. A new window will be opened.

Save record

CD/DVD Burn   Lock   New   Play

Burn Patient Videos & Images

Click thumbnail to select/unselect video

MPEG2
995.0s
311.6MB

DVD
25.3s
13.7MB

VCD
30.6s
5.1MB

AVI
14.9s
2.9MB

Click thumbnails to select/unselect videos to be burned

Check this option to burn captured stills

Check this option to burn associated attachments (files).

Select burner: 3:1:0,6: HL-DT-ST DVDRAM GSA-H10A JL02   Speed: Max

Volume Id: 090702001   Type: Data   ☑ Include images   ☐ Include attachments

Space required   321.03 MB

Temporary working folder for DVD authoring: \temp\~dvd\   ...

Idle

Clear Log   Erase   Burn   Stop   Export   Quit

Data: You can burn videos & images.

DVD: You can burn videos (DVD format). The resulting disc can be played in most of the DVD players.

Write Procedure Summary

1. Select the summary tab

CD/DVD Burn | Lock | New | Play [F5] | Record [F6]

Videos | Images | Summary | Attachments | (Un)Check All | Export Checked | Import | Save Summary | Font
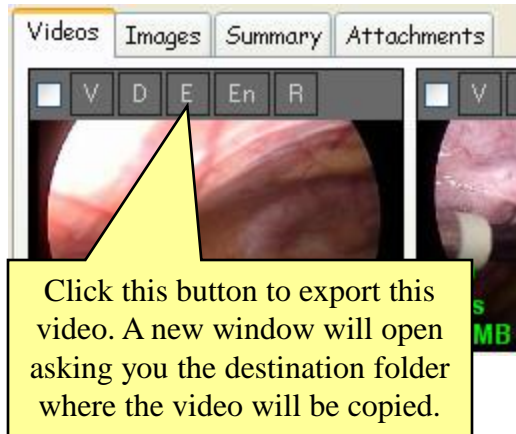
Suction evacuation done.
Tubectomy done.

3. Click here to save

Click here to change display font

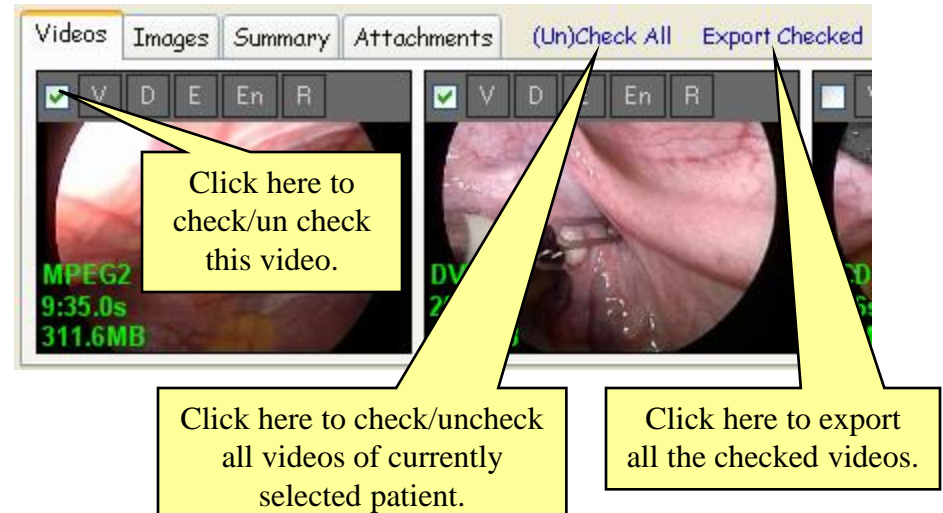**2.** Type your summary here

Export Surgery Videos / Images

1. Export individual videos/images

Click this button to export this video. A new window will open asking you the destination folder where the video will be copied.

The export procedure is same for images

2. Export multiple videos/images

Click here to check/un check this video.

Click here to check/uncheck all videos of currently selected patient.

Click here to export all the checked videos.

Import Videos / Images under currently selected Patient Record

1. To import videos, select the **Videos** tab

2. Click **Import**, a new window will be opened. Browse & select the videos you want to import.
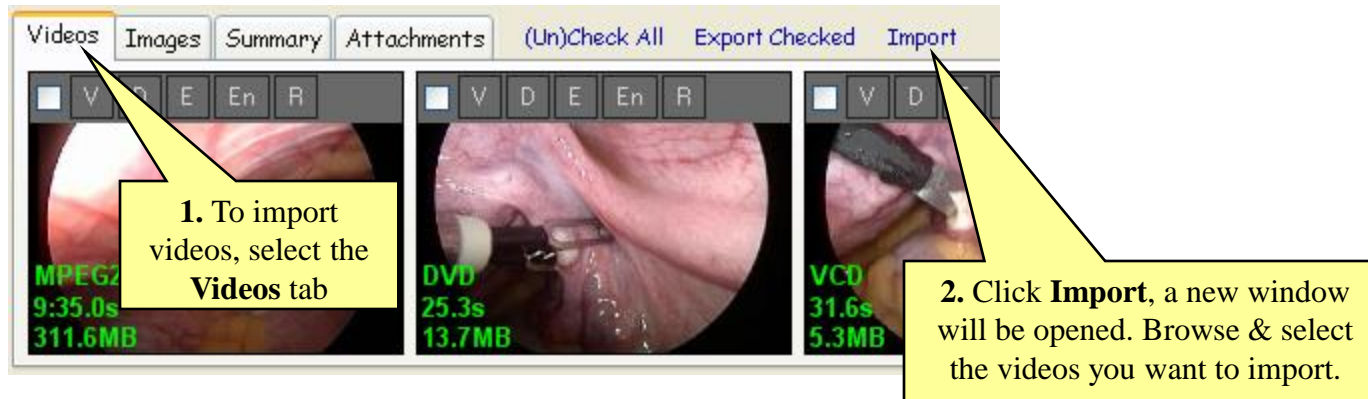
To import images, select the **Images** tab & click **Import**

Delete Surgery Videos / Images of currently selected Patient
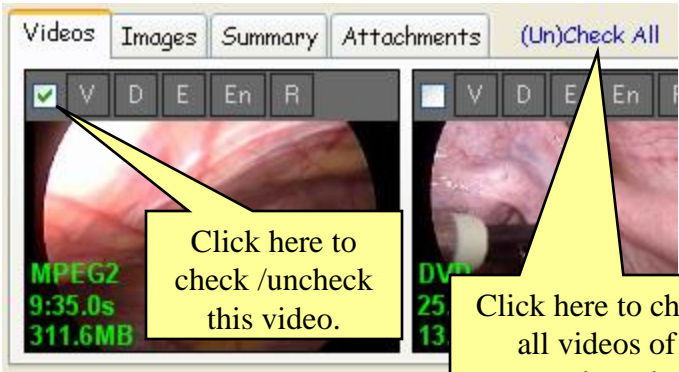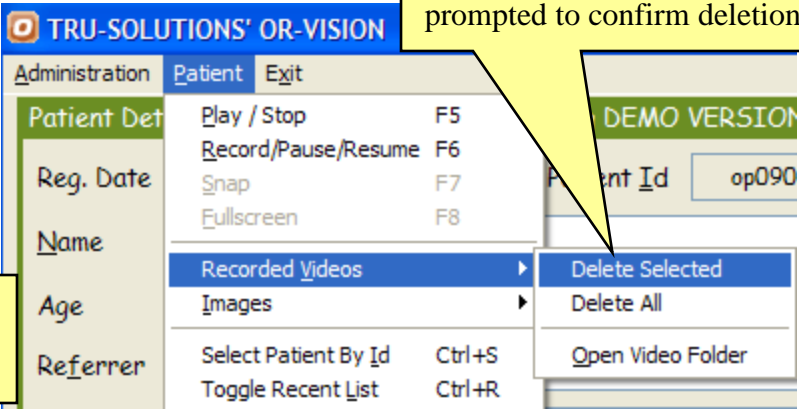
1. Delete individual videos/images

Click this button to delete this video.
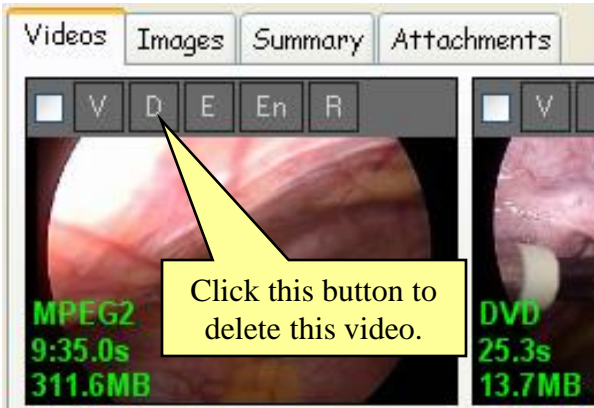
2. Delete all videos/images
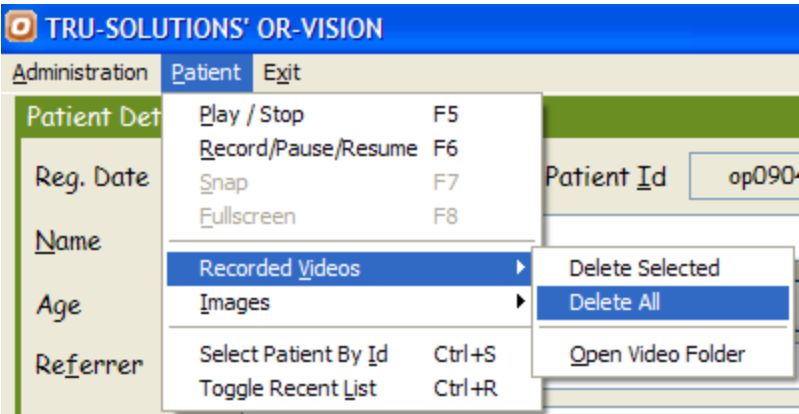
3. Delete multiple videos/images

1.

Click here to check /uncheck this video.

Click here to check/uncheck all videos of currently selected patient.

2.

Click here to delete all selected videos. You will be prompted to confirm deletion.

The export procedure is same for images

View Existing Patient Record

There are two ways to access existing patient records.

1. Select Patient By Id

From the **Patient** menu select this option. A new screen will be opened.

If you know the patient id, you can type it here and click the **Select** button below. The patient record will be displayed.

Type in a few characters to filter in all patient records containing these characters in their name.

Patient records registered between the specified dates will be listed here. Highlight the required record and press **Enter** or click **Select** to view the details.

2. Recent List

O TRU-SOLUTIONS' OR-VISION

Administration | Patient | Exit

Patient Det...
Reg. Date
Name
Age
Referrer
Diagnosis

Play / Stop	F5
Record/Pause/Resume	F6
Snap	F7
Fullscreen	F8
Recorded Videos	▶
Images	▶
Select Patient By Id	Ctrl+S
Toggle Recent List	Ctrl+R

Non Browse Mode: In this mode you have to highlight a patient record and press **Enter** or click **Select** button to view its details.

The recent list will display 11 most recent patient records in descending order of their registration.

☐ Enable browse mode

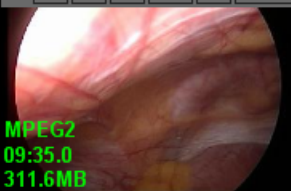| Date	Id	Alt. Id	N...
07-07-2009	090707004	IP3201	...unita
07-07-2009	090707003		Mrs. Jhansi Rani
07-07-2009	090707002		Mrs. Keerthi
07-07-2009	090707001		Miss Rajeshwari
06-07-2009	090706001		Miss Padmavathi
04-07-2009	090704002	123	Mr. Satish
04-07-2009	090704001		Mr. Srinivas
03-07-2009	090703001		r Re...
02-07-2009	090702003		
02-07-2009	090702002		...har
02-07-2009	090702001		...unita

Select this option or click **New Record** button to display **Recent List**

Click this button to select the highlighted record.

Click here to hide **Recent List**

| Next | Prev | | Select | Hide |

Use this buttons to browse next/previous 11 patient records.

Filter

Procedure [   ] ▼

Surgeon [   ] ▼   Apply

Anesthetist [   ] ▼

Use these fields to view patient records matching these values.

After filling in the filter fields, click **Apply** to update recent list with matching records. If all filter fields are empty the recent list will display all records.

<u>Browse Mode:</u> In this mode the highlighted patient record will be automatically selected and its details are displayed. This is useful when you need to browse through records with complete details. Once you have found the required record, click **Hide** button to hide the recent list.

Patient Id Format

By default the patient id will be auto generated in the following format: **YYMMDDNNN** (NNN being the sequence number starting from 1). The sequence will be reset daily. But this behavior could be overridden to allow you to specify id generation format. Or completely disable auto id generation and type in patient id while saving new patient record.

TRU-SOLUTIONS' OR-VIS

Administration Patient Exit

Master Records
Summary Reports

Settings
Delete Temporary Files
Delete Images/Videos

Database Maintenance

Click here, a new window will be opened.

Select **Patient Id** tab.

Settings

Video Playback | Auto Backup | General | Patient Id | D

☑ Auto generate id

Check this if you want the software to auto generate patient id using the format described below. If unchecked you will have to type in patient id for every new patient record.

Reset   Daily

Specify when to reset the id sequence number. Available options are **Daily**, **Monthly**, **Yearly**

Format   [   ] yy/MM/dd ☑ NNN

Number of digits for sequence number. See examples below

Here you can specify id prefix (max. 3 characters). It will be prefixed to every id.

Examples:

30-Jul-2008	31-Jul-2008	01-Aug-2008	01-Jan-2009
080730001	080731001	080801001	090101001
080730002	080731002	080801002	090101002
080730003	080731003	080801003	090101003
080730004	080731004	080801004	090101004
080730005	080731005	080801005	090101005

Ok   Cancel

NOTE: Id generation format can only be changed before adding any patient record. These options will be disabled if there are any patient records in the database. In that case you can backup existing records and delete them from current database. See Database Maintenance to backup/export/delete patient records.

Change Date Format

The same date format will be used in all application screens as well as while printing reports.

1. Click here, a new window will be opened.

TRU-SOLUTIONS' OR-VISION

Administration Patient Exit

Master Records	Ctrl+M
Summary Reports	

Settings

Delete Temporary Files
Delete Images/Videos

Database Maintenance
Repair And Compact Database
Change Database

2. Select **General** tab

Settings

Video Playback | Auto Backup | General | Patient Id | Default Values | Reporting

Date Format   dd/MM/yyyy

dd/MM/yyyy
dd/MM/yy
dd/MMM/yyyy
dd/MMM/yy
MM/dd/yyyy
MM/dd/yy
MMM/dd/yyyy
MMM/dd/yy

3. Select date format from the list or type in required format.

Ok   Cancel

Recorded Video Playback Settings

TRU-SOLUTIONS' OR-VISION

Administration | Patient | Exit

Master Records
Summary Reports

Settings
Delete Temporary Files
Delete Images/Videos

Database Maintenance
Repair And Compact Database
Change Database

Click here, a new window will be opened.

Select video player to be used for playing recorded videos.

Check this option to enable below advance options.

Check this option to enable still image capture from recorded videos.

Toggle these options when the recorded video doesn't play properly.

Settings

Video Playback | Auto Backup | ...eral | Patient Id | Default Values

Play recorded video using
- ⦿ Default Player ○ MPlayer ○ System media player

☑ Image Capture

Advance Settings   Allow modification ☐

Video Renderer
- ⦿ VMR 9 ○ VMR ○ Default ☑ WindowLess Mode

☐ Use RenderFile for playback

☐ Use wrapper for AVI playback

☐ Use wrapper for MPEG playback

☐ Use wrapper for MPEG2 playback

Ok | Cancel

Auto Backup Master Database

TRU-SOLUTIONS' OR-VIS

Administration Patient Exit

Master Records
Summary Reports

Settings
Delete Temporary Files
Delete Images/Videos

Database Maintenance
Repair And Compact Database
Change Database

Click here, a new window will be opened.

Settings

| Video Playback | Auto Backup | General | Patient Id | Default Values | Reporting |

☑ Backup database every day

Select backup folder:

C:\orvision\Backup\   [...] [X]

☐ Zip backup file

☐ Delete backups older than 15 days

Note: This backup option makes a copy of the master database containing procedures, surgeons/referrers list, patient records, etc. It will not backup images & videos. To make full backup, use database maintenance option from Administration menu.

Important: Read this

[Ok]   [Cancel]

Summary Reports – 1. Report Generation

TRU-SOLUTIONS' OR-VISION

Administration | Patient | Exit

Master Records   Ctrl+M
Summary Reports

Settings
Delete Temporary Files
Delete Images/Videos

Database Maintenance
Repair And Compact Database
Change Database

> Click here, a new window will be opened.

> Select report template from available list.

> Click this button to add new or modify existing templates. See next slide to know how to create/modify report templates.

Summary Report

Report template: Patient Registration Report [...]

Duration: Month | November | 2009

Procedure: << All >>
Surgeon: Dr. Naseem Sultana
Anesthetist:
Referrer:

Report heading:

☑ Open exported Excel/CSV file

[Export to Excel file] [Export to CSV file] [Close]

> If this checkbox is checked the data will be exported to a temporary file and the file will be opened, otherwise you will be prompted to enter excel file name.

> Use these fields to filter matching records.

Sample exported report

	A	B	C	D	E	F	G
1				Case Report			
2				For: July - 2009			
3	SNo	Date	Id	Name	Diagnosis	Procedure	Surgeon
4	1	07/07/2009	090707003	Mrs. Jhansi Rani		Lap Hyestrectomy	Dr. Kalpana
5	2	07/07/2009	090707002	Keerthi		DIAG LAP	Dr. Naseem Sultana
6	3	07/07/2009	090707001	Miss Rajeshwari		LAP APPENDECTOMY	Dr. Prashanth Kumar
7	4	06/07/2009	090706001	Miss Padmavathi		Laparoscopy	Dr. Supriya
8	5	04/07/2009	090704002	Mr. Satish		T U R P	Dr. Prashanth Kumar
9	6	04/07/2009	090704001	Mr. Srinivas		Lap-Chole	Dr. Prashanth Kumar
10	7	03/07/2009	090703001	Mr. Sudhakar Reddy		LAP INCISIONAL HERNIA	Dr. Prashanth Kumar
11	8	02/07/2009	090702003	Baby Vidya		DIAG LAP	Dr. Naseem Sultana
12	9	02/07/2009	090702002	Mr. Muralidhar		Lap Hyestrectomy	Dr. Prashanth Kumar
13	10	02/07/2009	090702001	Mrs. Sunita	G3P2L1D1 with 8wks pregn	MTP + Lap. Sterilization	Dr. Naseem Sultana
14	11	01/07/2009	090701003	Mrs. Arundhati		Lap-Chole	Dr. Naseem Sultana
15	12	01/07/2009	090701002	Mrs. Shahana Kareem		DIAG LAP	Dr. Naseem Sultana
16	13	01/07/2009	090701001	Dr. Gowtham Reddy		DIAG LAP	Dr. Prashanth Kumar
17							

Summary Reports – 2. Template Creation

To create new report template select **<< New Template >>.** To modify existing template, select it from the list.

Report Template Defination

Available templates	<< New Template >>
Report title	Patient Registration Report

Report columns

- ☑ RegDate
- ☑ Id
- ☐ Alt.Id
- ☐ Name
- ☐ Age
- ☐ Gender
- ☐ Address

- ☐ City/State
- ☐ Addr./City/State
- ☑ Referrer
- ☑ Diagnosis
- ☑ Procedure
- ☑ Surgeon
- ☐ Asst. Surgeons

- ☐ Asst. Surgeon 1
- ☐ Asst. Surgeon 2
- ☐ Anesthetist
- ☐ Anesthesia
- ☐ Summary

[Save] [Delete] [Close]

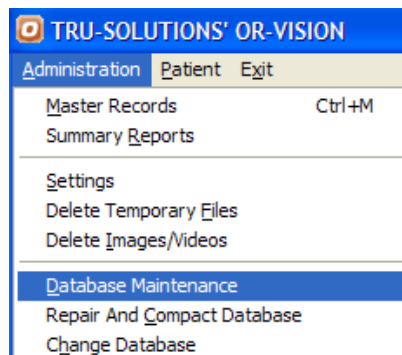Check the columns you want to be included in your report.

Click **Save** to save new or update existing template.

Database Maintenance -**Export/Delete/Burn All or Selective Patient Records with associated Videos and/or Images**

Click here, a new window will be opened.

Use these options to filter patient records.

Burn to CD/DVD

Backup, Export Or Delete Patient Records

Patient Records

○ All records

CD: 700MB / DVD: 4484MB

⊙ Filtered records [disk space required: 1076MB]

Registered between	01/06/2009	and	30/09/2009	
Procedure	‹‹ All ››			
Surgeon	‹‹ All ››			

☐ Include images

TRU-SOLUTIONS' OR-VISION

Administration Patient Exit

Master Records	Ctrl+M
Summary Reports	
Settings	
Delete Temporary Files	
Delete Images/Videos	
Database Maintenance	
Repair And Compact Database	
Change Database	

Type in the CD/DVD label (Volume Id)

Burn | Export | Delete

Burner 3:1:0,G: HL-DT-ST DVDRAM GSA-H10A JL02

Speed Max   Volume Id JunSep09

Status   idle

[Burn] [Abort] [Close]

Click this button to burn patient records(with videos,images,etc) to CD/DVD. These records can be accessed using the **Change Database** option from **Administration** menu.

Export to Folder

Backup, Export Or Delete Patient Records ☒

Patient Records

○ All records   CD: 700MB / DVD: 4484MB

⊙ Filtered records   [disk space required: 1076MB]

Registered between   01/06/2009 ▾   and   30/09/2009 ▾

Procedure   << All >> ▾

Surgeon   << All >> ▾

☐ Include images

Burn   **Export**   Delete

Destination folder:

D:\Backup_Jun-Sep09\   [...]

[Export]   [Abort]   [Close]

Click this button to select destination folder, where you want the selected patient records to be exported. The destination folder must be empty.

Click this button to start the exporting process.

Delete Patient Records

Backup, Export Or Delete Patient Records ☒

Patient Records

○ All records   CD: 700MB / DVD: 4484MB

⊙ Filtered records [disk space required: 1076MB]

Registered between | 01/06/2009 ▼ | and | 30/09/2009 ▼ |

Procedure | << All >> ▼ |

Surgeon | << All >> ▼ |

☐ Include images

| Burn | Export | **Delete** |

☑ Yes, delete the patient records matching the above criteria.

The below **Delete** button will be enabled upon ticking this confirmation.

[Delete]   [Abort]   [Close]

Click **Delete** button to delete patient records (and associated videos,images,etc) matching the above specified criteria. This process cannot be undone.

Delete Videos and/or Images of Patients Registered before/within Specified Date(s)

You may want to delete videos/images of old patient records to free disk space (may be after taking backup).

TRU-SOLUTIONS' OR-VISION

Administration | Patient | Exit

Master Records
Summary Reports

Settings
Delete Temporary Files
Delete Images/Videos

Database Maintenance
Repair And Compact Database
Change Database

Click here, a new window will be opened.

Delete Images And/Or Videos

Check either or both options.

☐ Delete images
☐ Delete videos

◉ of patients registered before

20/05/09

○ of patients registered between

20/05/2009 and 20/05/2009

Delete | Close

Click **Delete** button to delete images and/or videos of patient with matching registration date.
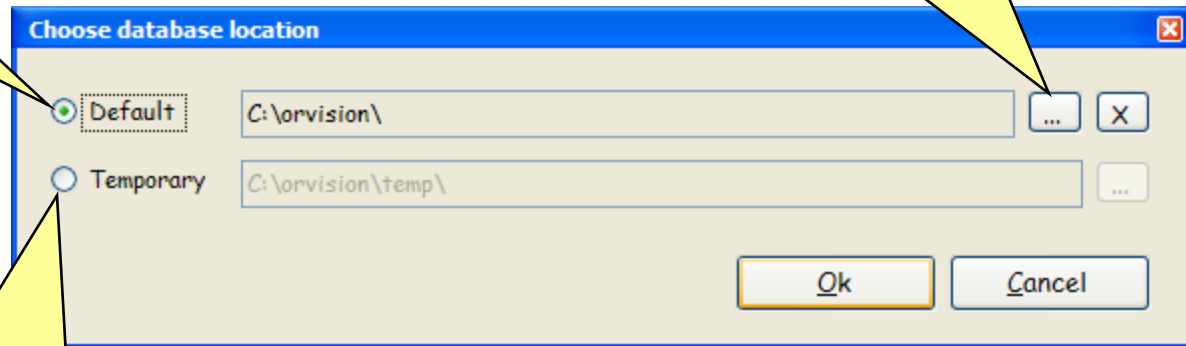
Change Database – Access Alternate/Earlier-Backup Databases

If you have earlier exported/burned patient records, you can access those records by using this option

TRU-SOLUTIONS' OR-VISION

Administration   Patient   Exit

Master Records	Ctrl+M
Summary Reports	
Settings	
Delete Temporary Files	
Delete Images/Videos	
Database Maintenance	
Repair And Compact Database	
Change Database	

Click here, a new window will be opened.
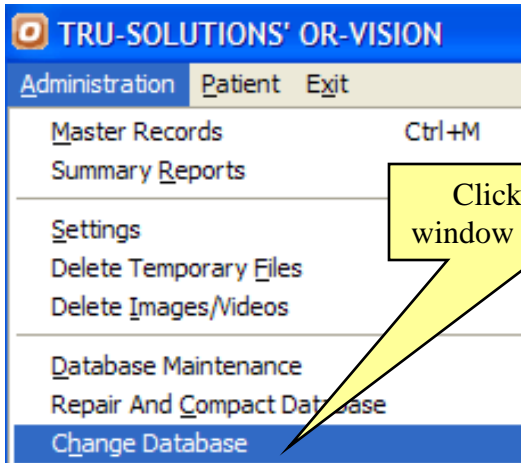
Use this button to select database folder.

The default database specified will be used until explicitly changed.

Choose database location

- ● Default   C:\orvision\   [...] [X]
- ○ Temporary   C:\orvision\temp\   [...]

[Ok]   [Cancel]

The database specified will be used until explicitly changed or OR-VISION is restarted.

Live Video Configuration

Snap [F7]   Fullscreen [F8]   **Configure**
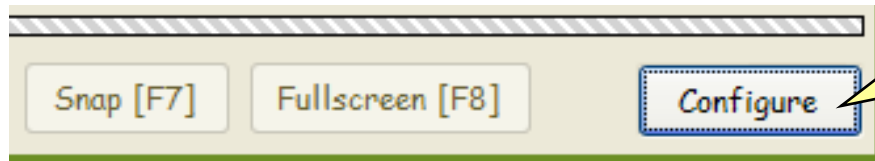
> Click this button (on main screen) to configure various live video related options.

1. Video device settings:

> Select the video input device from the list of available devices.

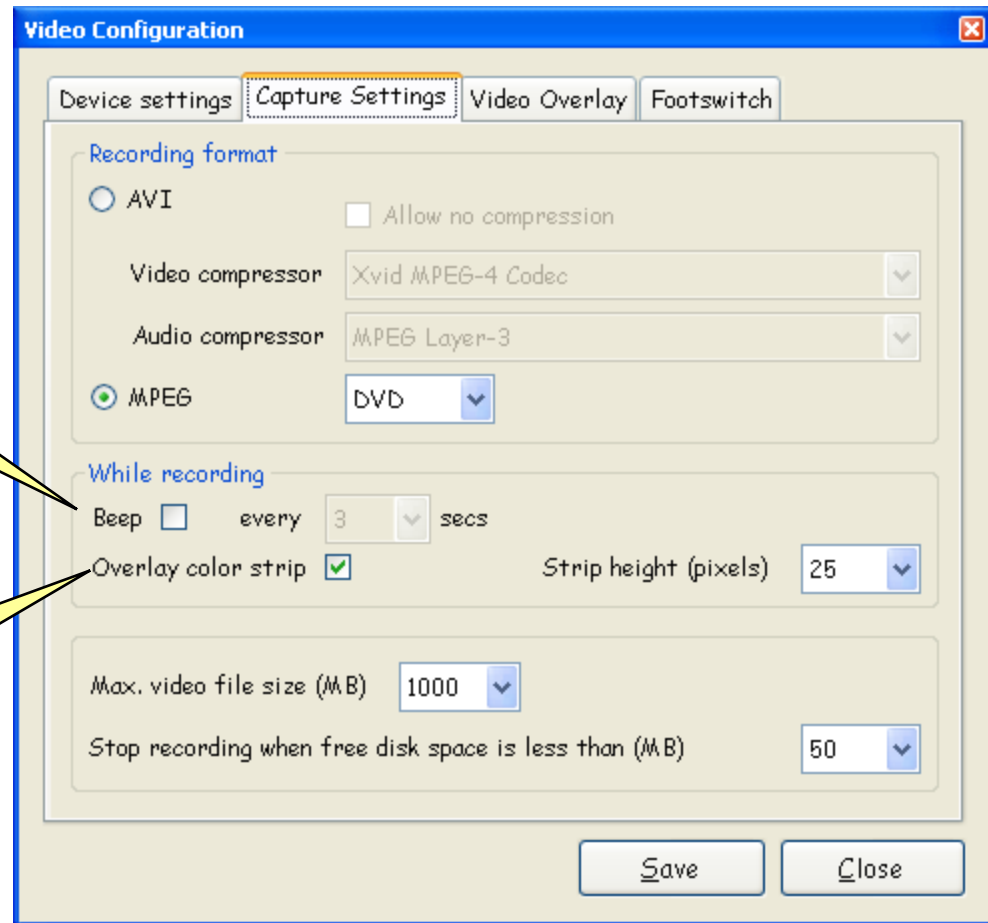> Clicking this button will allow you to change device specific settings like frame size, brightness, contrast, etc.

Video Configuration

Device settings | Capture Settings | Video Overlay | Footswitch

> You may change these settings if the video is not displayed.

Video device   Enter E-210TV Video Capture

Source   Video Composite   Device settings

Video renderer   ⦿ VMR9   ○ VMR7   ○ Default
WindowLess Mode ☑

> Use these options if you want to also record audio.

Deinterlace video ☐   Enable image capture / Video overlay ☑

Audio device   << None >>

Mic volume

> If this option is unchecked, you will not be able to capture stills from live video and also overlay of patient information will be disabled.

Save   Close

2. Video Capture Settings:

Video Configuration

Device settings | **Capture Settings** | Video Overlay | Footswitch

Recording format

○ AVI   ☐ Allow no compression

    Video compressor   Xvid MPEG-4 Codec

    Audio compressor   MPEG Layer-3

⦿ MPEG   DVD

While recording

Beep ☐   every 3   secs

Overlay color strip ☑   Strip height (pixels)   25

Max. video file size (MB)   1000

Stop recording when free disk space is less than (MB)   50

Save   Close

Audio indication while recording

If this option is checked, a horizontal blue colored strip will be overlaid on top of the video preview while recording. The height of the strip could be adjusted using the next option.

3. Video Overlay:

Check this option to enable selection.

The checked information from this block will be overlaid on recorded videos for specified duration using selected font.

Video Configuration

| Device settings | Capture Settings | Video Overlay | Footswitch |

Overlay at start of video recording ☑ Enable

☑ Hospital Name ☑ Name ☐   Duration (secs) [2 ▾]
☐ Current Date   ☐ Gender ☐
☐ Reg. Date   ☐ Diagnosis ☐   [Font]
☑ Patient Id   ☑ Procedure
☐ Alternate Id   ☑ Surgeon

[**Color**]

Continuous overlay ☑ Enable

Overlay following while viewing / recording live video

☑ Hospital Name ☑ Name ☐
☐ Current Date   ☐ Gender ☐
☐ Reg. Date   ☐ Diagnosis ☐   [Font]
☑ Patient Id   ☑ Procedure
☑ Alternate Id   ☑ Surgeon

[*Color*]

The checked information from this block will be overlaid on the video during both preview & recording

Hospital Name [Best Hospital]

[Save]   [Close]

3. Foot-Switch:

Video Configuration

Device settings | Capture Settings | Video Overlay | **Footswitch**

⦿ Do not use footswitch

○ Serial

> COM Port   COM1

If you are using serial footswitch, select the COM port to which the footswitch is connected.

○ USB Footswitch / Joystick / Game Pad

Press the switch (or the joy stick/game pad button you want to use as switch) once.

Button state: Not yet pressed

Start/pause video recording when the switch is pressed for more than

2   secs

Save   Close

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