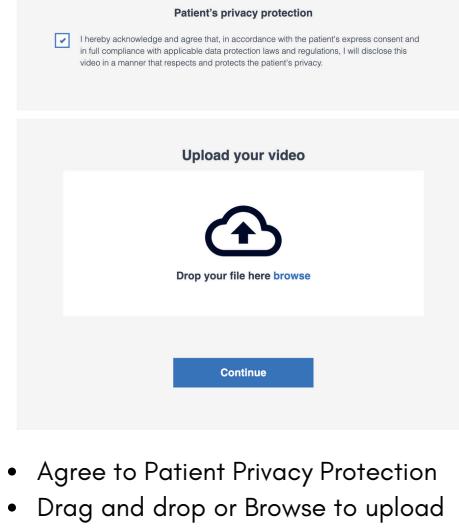


## I. VIDEO UPLOAD

## Upload Video

- Click on the Upload Video button to get started



- Agree to Patient Privacy Protection
- Drag and drop or Browse to upload your video

- Please be patient while waiting for the upload to complete. Do not navigate away from this page during the upload process
- SurgeryView.ai is able to utilize the full bandwidth available during the upload process.

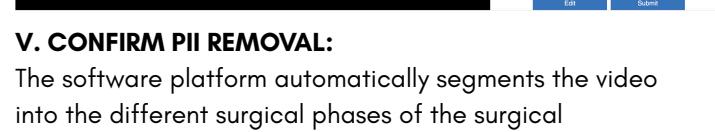
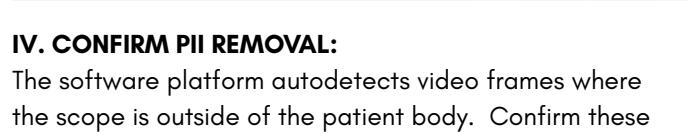
## II. VIDEO DETAILS

Video details are important when it comes to the discoverability of your video after it is uploaded. Furthermore, certain patient details such as BMI will be used in the analytics dashboard.

- Fill in video details
- Required Fields:
  - Surgery Video Title
  - Surgical Procedure
  - Surgery Approach
  - Patient BMI \*for Sleeve Gastrectomy
  - Surgery Techniques Used
- Select auto-generated thumbnail or upload your own.
- Click **Save** to continue

## III. VIDEO PROCESSING

Please wait for the video to be processed. Once the circle next to "Confirmed detected PII data" is completely filled, select the icon to confirm PII and Segmentation results.

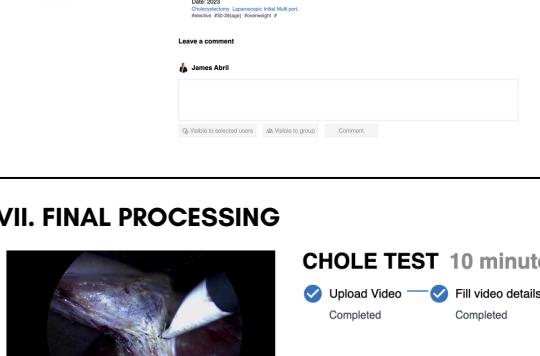


## IV. CONFIRM PII REMOVAL:

The software platform autodetects video frames where the scope is outside of the patient body. Confirm these segments by reviewing the video.

- Check each segment carefully. Each segment is highlighted in red on the video timeline.
- Adjust timestamps on the right side of the screen
- Select "Blur" to blur PII frames or "Crop" to remove PII frames from video.

**Tip:** To adjust either the start or end point of a PII segment, navigate to the respective portion of the video. Next click on the timestamp you would like to change. The timestamp from the video will automatically be entered into the respective field.

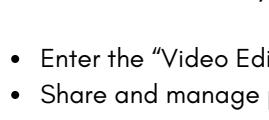


## VI. VIEWING

After the upload has been completed and the video processing has been finished, you can view your video.

- Procedure segments listed on the left side of the screen. Click on any segment to jump to that portion of the video.
- Click download to download the processed video and segmentation time stamps (xls format).

## VII. FINAL PROCESSING



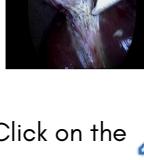
Once the video is finally processed, the video will be available in the "Content and Sharing" page where you can:

- Enter the "Video Editing" workflow
- Share and manage privacy of the uploaded video

\*By default, all videos uploaded are set to private.

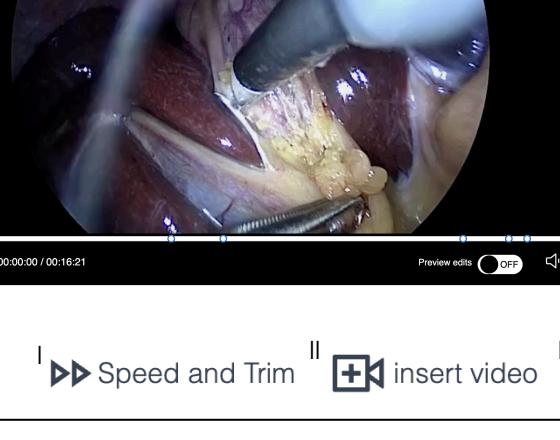
To enter the video editing workflow, navigate to "Content & Sharing"

## Channel content

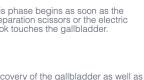
Video	Visibility	Date	Views	Comments	Likes	Share	Delete	Edit Video
	Private	Jul 11 2025	0	0	0			
<b>CHOLE TEST</b> Cholecystectomy   Laparoscopic   Initial   Multi port,       elective, 30-39(age), overweight,   Yes... <a href="#">Edit Details</a>								

Click on the  icon to enter the video editing workflow

Edit video     



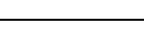
Speed: 1x   

00:00:00 Calot triangle dissection 

00:06:11 Clipping and cutting 

00:07:31 Gallbladder dissection 

00:13:40 Gallbladder packaging 

00:14:50 Cleaning and coagulation 

00:00:00 / 00:16:21 

## VIDEO EDITING OVERVIEW

The video editing workflow allows you to perform the following edits:

- Change speed and trim video
- Insert video
- Insert image
- Visual effects
  - annotations
  - text
- Voice over

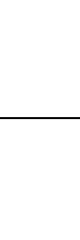
I  II  III  IV  V 

## I. SPEED AND TRIM

The software platform allows you to adjust the speed of selected video segments and trim (delete) segments altogether.

1. Click on the "+" icon to create a section.
2. To set the "in" and "out' points of your segment, move the playhead of the video timeline to the desired in/out points respectively.
3. Click on the "in" or "out" timestamp to set the "in" and "out" points of your edit.
4. Click save to save edits

Edit Speed  

00:00:48 - 00:04:10 

0.5  
0.75  
1.25  
1.5  
1.75  
2  
4  
6  
8  
10

## II. INSERT VIDEO/IMAGE

The software platform allows you to overlay a video or image on top of your main video.

1. First navigate to the portion of the video where you would like to insert a video or image using your playhead on the video timeline
2. Click on "Insert video" to insert a video or "Insert image" to insert and image
3. Upload your video or image
4. Click save to save changes

Note: Please save changes using below button to see the full edited video

## III. VISUAL EFFECTS

### Brush & Pen Tool

- The brush tool allows you to draw curved lines and contours on top of the video
- The pen tool allows you to draw straight lines on top of the video.
- The display time is how many seconds the drawing will be displayed

### Adding Text

- The "Add Text" tool allows for you to add text on top of your video.
- Be sure to select the appropriate display time, color of text, and font size.

## IV. VOICEOVER

### Record your audio

Press the button below to start recording, and press the button again to stop recording.

Stage of operation 00:04:54 - 00:04:59

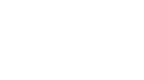
  

Brush tool Pen tool Add text

You can trace the organ. The brush tool lets you manually draw freehand lines and text.

Display time(s): 5 

On Video:

 2px

## IV. CREATING A NEW VIDEO CLIP

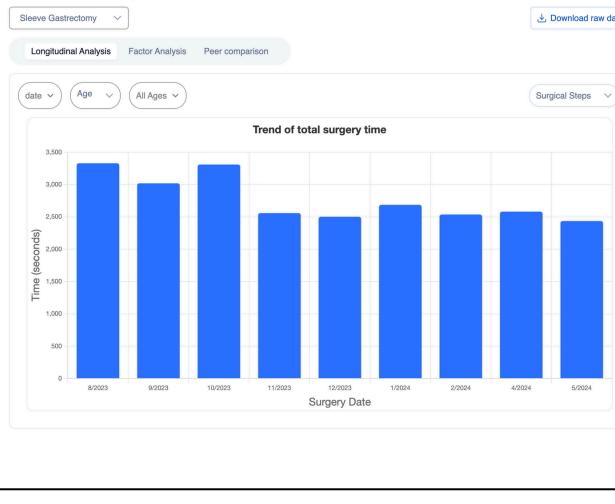
- Select Manage Library
- Click "+ Create New Clip"
- Name your clip and define your start and end point for the video clip.

 Manage library



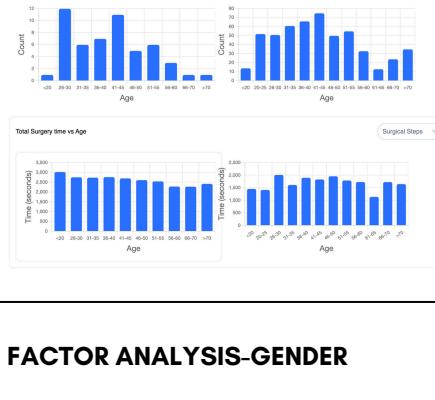






## LONGITUDINAL ANALYSIS

Track surgical performance over time with powerful, data-driven insights. The Longitudinal Analysis feature in SurgeryView.ai allows clinicians to monitor their procedure metrics across multiple cases—identifying trends, improvements, and areas for growth. By visualizing performance metrics such as total operative time, individual phase duration, and case volume over weeks, months, or quarters, surgeons can better understand their own learning curve, assess the impact of technique changes, and drive continuous improvement. This feature supports reflective practice and fosters a data-informed approach to surgical excellence.



## FACTOR ANALYSIS-AGE

Uncover how patient age influences surgical performance with detailed, age-specific analytics. This section visualizes the distribution of cases across different age groups and correlates age with total surgery time and surgical step durations. Surgeons can easily identify trends—such as increased operative time in older patients or efficiency patterns among specific age brackets. These insights support more personalized care planning and improve decision-making by highlighting how age-related factors may impact procedural complexity and outcomes.

## FACTOR ANALYSIS-GENDER

Explore how surgical performance varies across genders with visualized comparisons of case volume and operative times. The Gender section of Factor Analysis breaks down surgical counts and durations by male and female patients, helping clinicians identify subtle trends in procedure complexity or timing. Whether assessing overall efficiency or analyzing specific surgical steps, this tool supports more informed and equitable decision-making by surfacing potential gender-related patterns in surgical care.



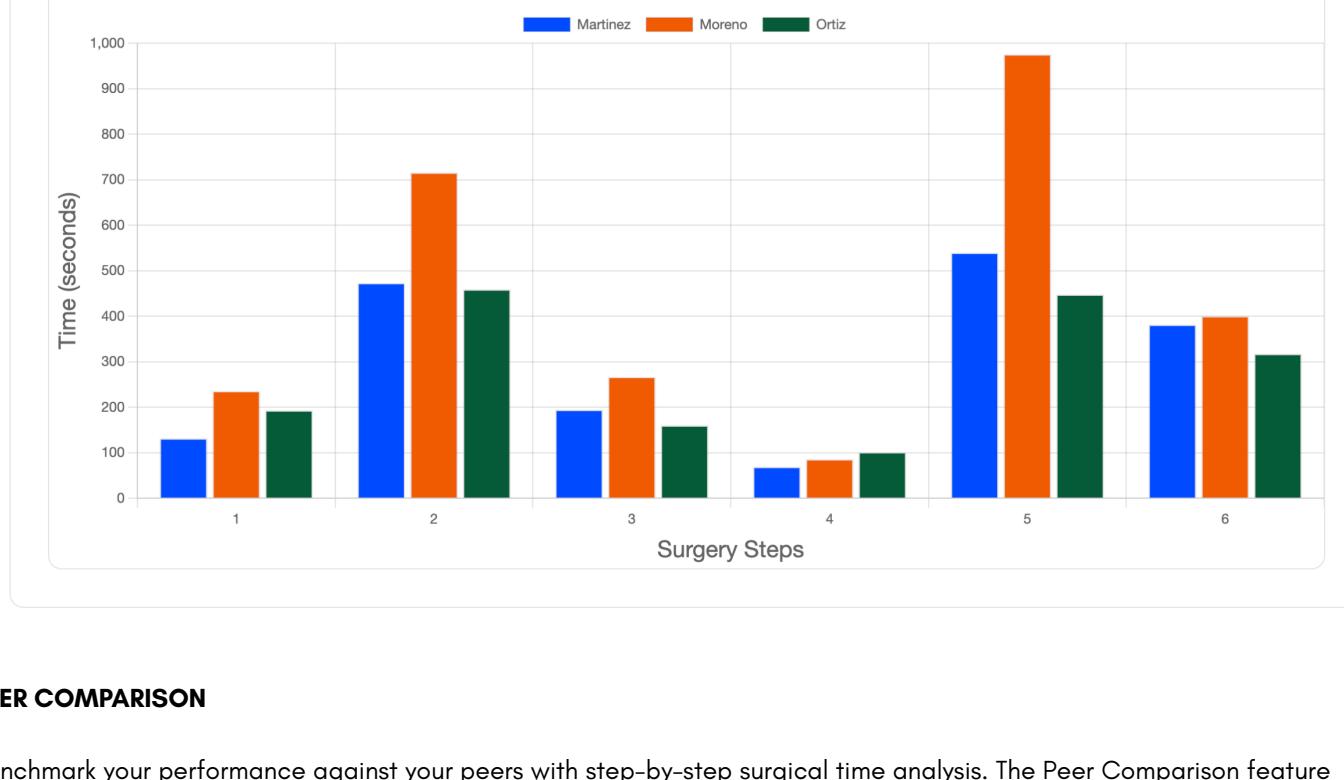
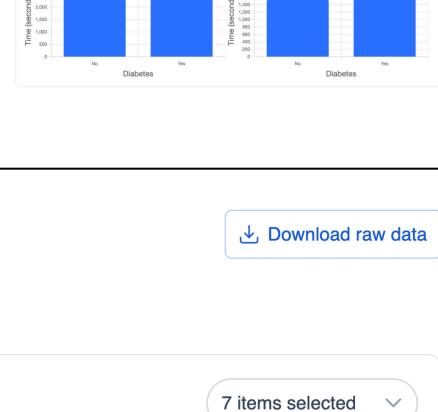
## FACTOR ANALYSIS-BMI

Understand how body mass index (BMI) influences surgical performance with detailed breakdowns by weight category. This section allows surgeons to analyze case distribution and operative times across BMI classifications—from underweight to various obesity grades. Trends in total procedure time and step-level durations help clinicians identify how increased BMI may impact technical difficulty, workflow efficiency, or intraoperative challenges. These insights can inform preoperative planning and enhance risk stratification for better patient outcomes.

## FACTOR ANALYSIS-DIABETES

Evaluate the impact of diabetes on surgical performance with side-by-side

comparisons of diabetic and non-diabetic patient cases. This section provides insights into case volume distribution and differences in total operative time, helping clinicians assess how comorbidities like diabetes may influence surgical complexity, duration, and outcomes. By visualizing these patterns, surgeons can make more informed decisions during preoperative planning and postoperative care, tailoring their approach to optimize results for diabetic patients.



## PEER COMPARISON

Benchmark your performance against your peers with step-by-step surgical time analysis. The Peer Comparison feature allows clinicians to compare their average duration for each phase of a procedure—such as a sleeve gastrectomy—against selected colleagues. This transparent view promotes collaborative learning and highlights variations in technique, speed, and workflow. By identifying where efficiencies or delays occur relative to peers, surgeons can adopt best practices and strive for continuous improvement, all while maintaining clinical autonomy.