

medikt

SURGERY ATLAS

An open access library of **surgical experience**

medikt Category ▾ Events Instruments

Category ▾ Search

The internet's source for medical knowledge.
Powered by professionals everywhere.

General Surgery

Robotic Spleen Preserving Distal Pancreatectomy	Colonic Lipoma	Distal Pancreatectomy Spleen Preserving	Ligation of Esophageal Varices	Gastric Metastasis of Merkel Cell Carcinoma	Umbilical Hernia and Recti	Pneumatosis Cystica Intestinalis: Occlusion and Perforation in the	Colonic Peritonitis
Bugsho 234 views	Burlickh 84 views	Chiaricked 183 views	Cinramet 1947 views	CrispBrood 2947 views	CzarSocial 7426 views	Eurocomen 386 views	FashionSt 234 views

Thoracic Surgery

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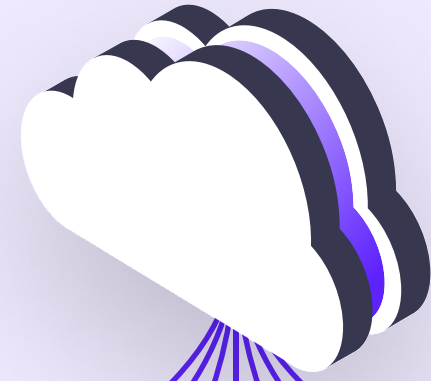
Welcome

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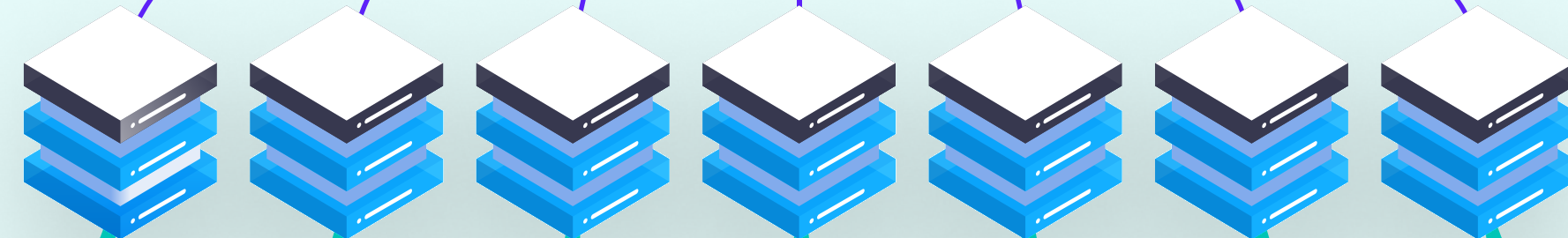
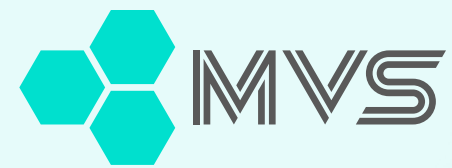
3

medikt



SURGERY ATLAS

2



HOSPITALS

1

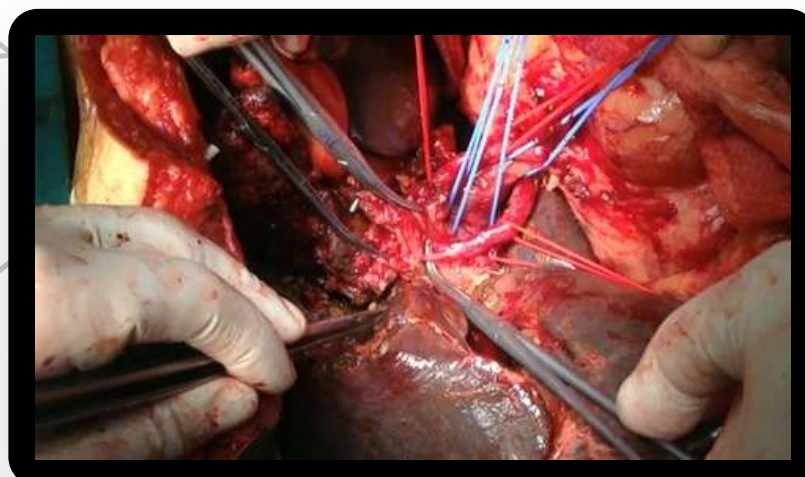


TERMINALS

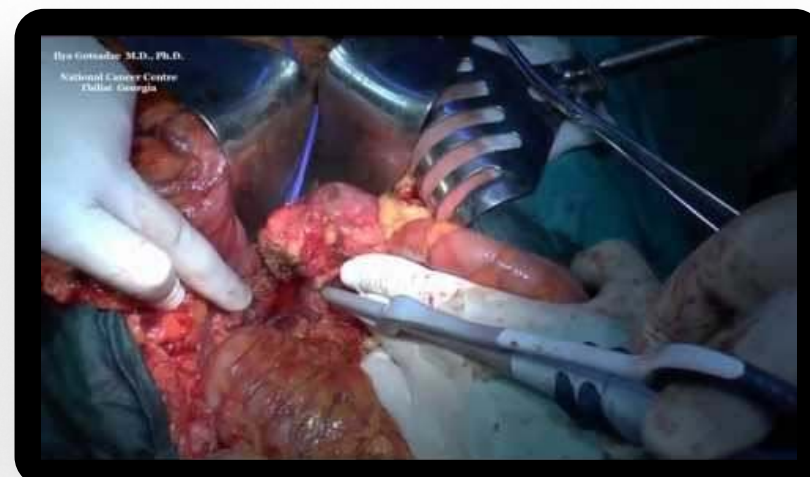
1

COLLECT AND SYNCHRONIZE DATA

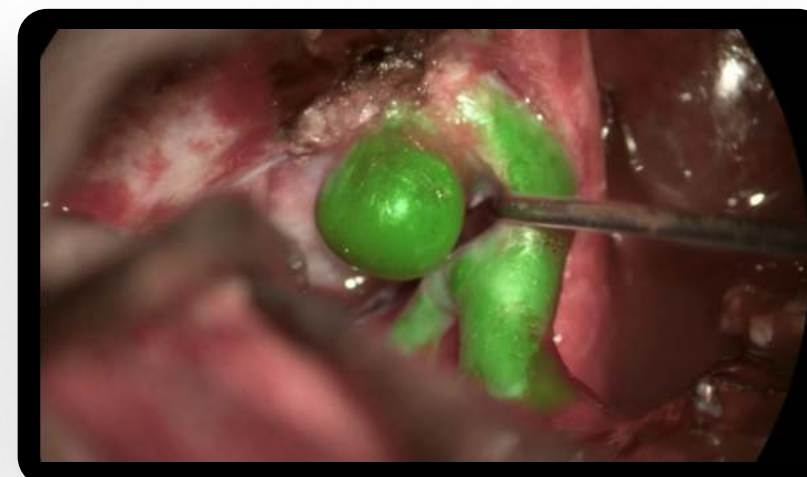
Head camera



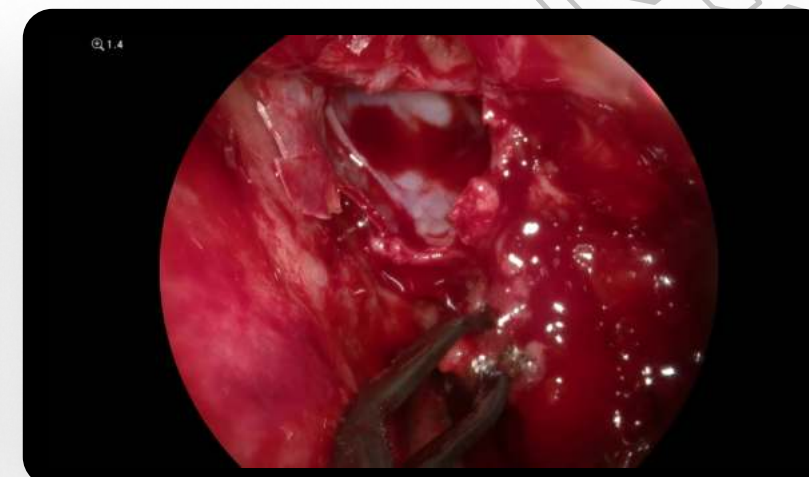
Surgical light camera



Surgery microscope



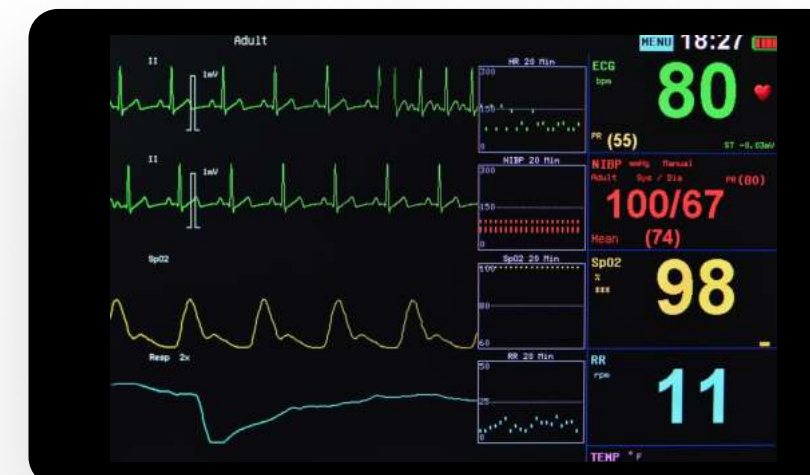
Endoscopic camera



Overview ceiling vcamera



Patient monitor



CT scanner



Angiography



C-arm



Ultrasound



All available information during surgery

2 DOCTOR'S WORKPLACE



Кирилловский Норманн Иванович От: 00:00:14 До: 00:00:46 Отправить в Medikt

ECG: 80
PR (55)
NIBP: 100/67
Mean (74)
SpO2: 98
RR: 11

Архив Операции Загрузки

Декабрь 2018

Пн	Вт	Ср	Чт	Пт	Сб	Вс
30	31	1	2	3	4	5
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	1	2	3	4

Врачи: Все врачи

Операционные:

- 13А корпус 1
- 23С корпус 8
- 3В корпус 8
- 4В корпус 8
- 5С корпус 2

31 дек 2018 — 7 мар

Дата и время	Длит...
14 ноя 12:33	02:03
15 ноя 20:01	
16 ноя 19:10	00:23
18 ноя 09:19	04:02
19 ноя 09:19	04:02
20 ноя 19:10	00:23
21 ноя 09:19	04:02
16 ноя 19:10	00:23
18 ноя 09:19	04:02

Эндоскоп

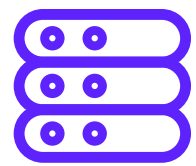
Монито...

Лампа

Дата	Время	Врач	Помещение	Состояние
21 ноя 09:19	04:02	Безбородов Алексей Игнатьевич	ОБ 6.1.1.3-82 OR 1	ГР
16 ноя 19:10	00:23	Неизвестный пациент	ОБ 6.1.1.3-82 Телепорт 2	ГР ИГ ЛР
18 ноя 09:19	04:02	Безбородов Алексей Игнатьевич	ОБ 6.1.1.3-82 OR 1	ГР

Send to Medikt

3 SURGERY ATLAS



Collecting and publishing **valuable experience selected by clinicians** for their peers



Uploads surgical videos **securely and seamlessly**



Manual video uploading



A dimly lit operating room with several surgeons in scrubs and masks. In the foreground, a surgeon in green scrubs and a green cap is looking towards the right. To their left, another surgeon in light blue scrubs and a light blue cap is also looking right. In the background, another surgeon is visible. The room is filled with medical equipment, including a large Sony monitor on a stand showing a close-up of a surgical site, a smaller monitor displaying vital signs (89, 152, 46/26 (30)), and various pieces of electronic equipment with digital displays and buttons. The overall atmosphere is professional and focused.

PLATFORM FEATURES.

hernia surgery
abdominal wall
TAPP
laparoscopic
hernia
inguinal hernia
recurrent
laparoscopic TAPP

medikt Category ▾ Events Instruments

INSTRUMENTS AND EQUIPMENT

- Castroviejo Blade Breaker and Holder
Karl Storz
- Jameson Muscle Forcaps - Right
Karl Storz
- Barraquer Eye Speculum - Pediatric
Karl Storz
- McCullough Utility Forcaps - Smooth
Karl Storz

PROCESS

- 0:52 Entry technique
- 12:32 Release of omental adhesions
- 18:75 Release of sigmoid attachment
- 24:24 Exposure
- 31:24 Division of left round ligament
- 32:24 Developing of left paravesical space
- 34:16 Clipping of left uterine artery

ATTACHMENTS

INSTRUMENTS AND EQUIPMENT

Vital Signs Monitor:
ECG
80
100/67 (74)
98
11

Video Player:
23:34 / 52:03

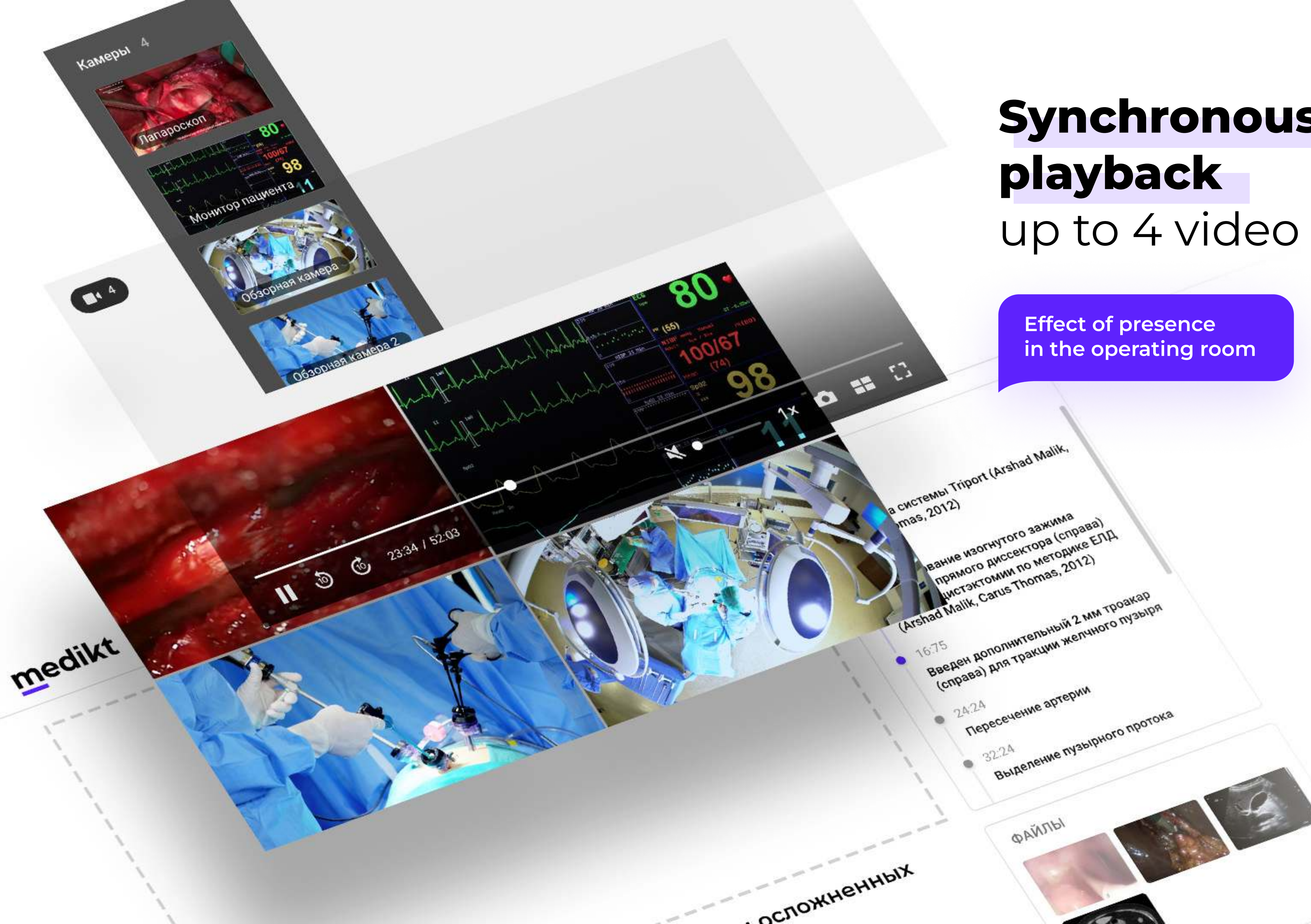
Post Details:
27 feb 2019 • 246 views • Hôpitaux Universitaires de Strasbourg Strasbourg, France
Arnaud WATTIEZ ✓ • Follow
Gynecological Surgeon, MD
Category: Gynecology
Surgery: Total laparoscopic hysterectomy

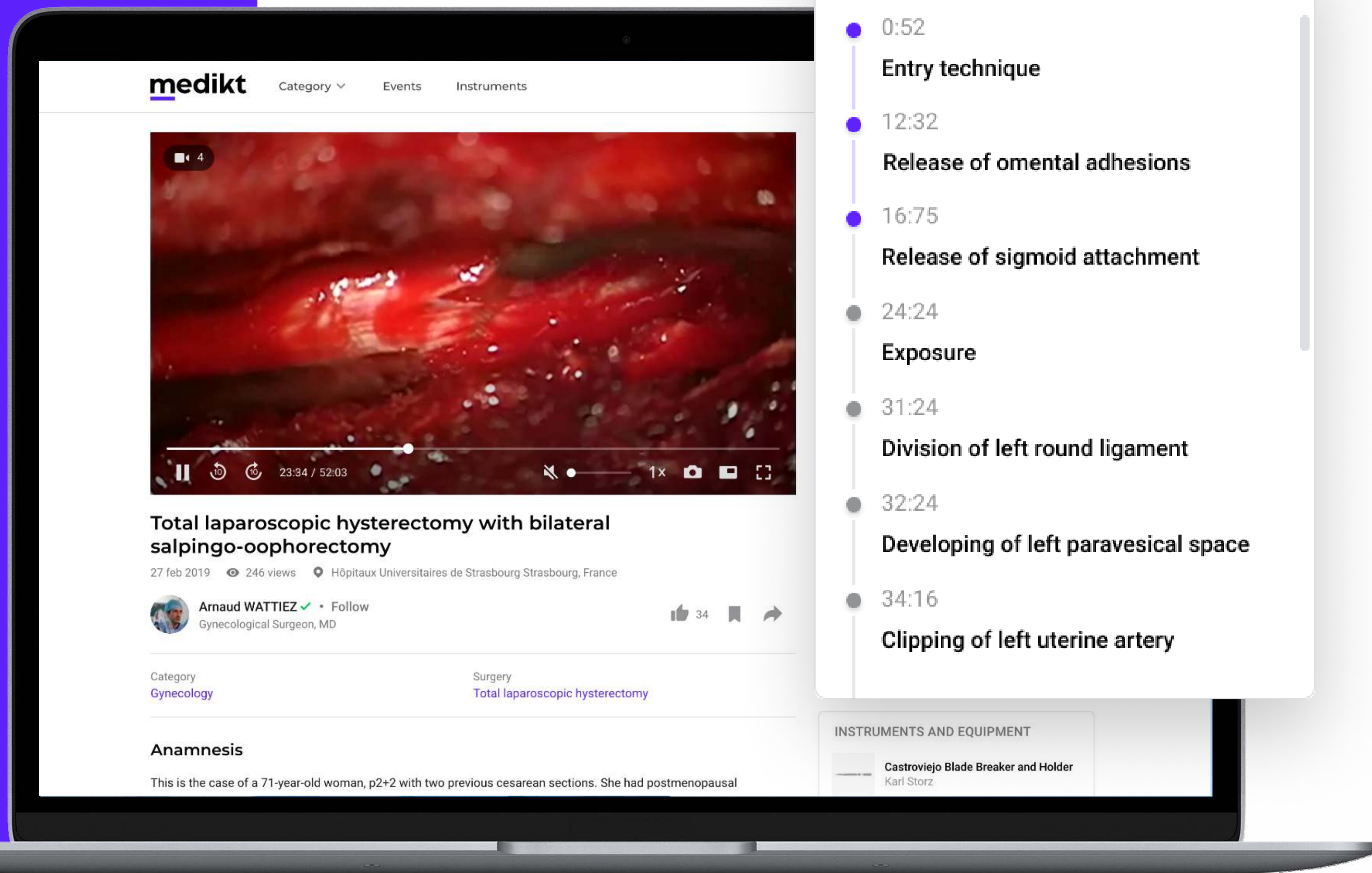
Valuable surgical data at one screen

Synchronous playback

up to 4 video sources

Effect of presence in the operating room





PROCESS

- 0:52
Entry technique
- 12:32
Release of omental adhesions
- 16:75
Release of sigmoid attachment
- 24:24
Exposure
- 31:24
Division of left round ligament
- 32:24
Developing of left paravesical space
- 34:16
Clipping of left uterine artery

INSTRUMENTS AND EQUIPMENT


Castroviejo Blade Breaker and Holder
Karl Storz

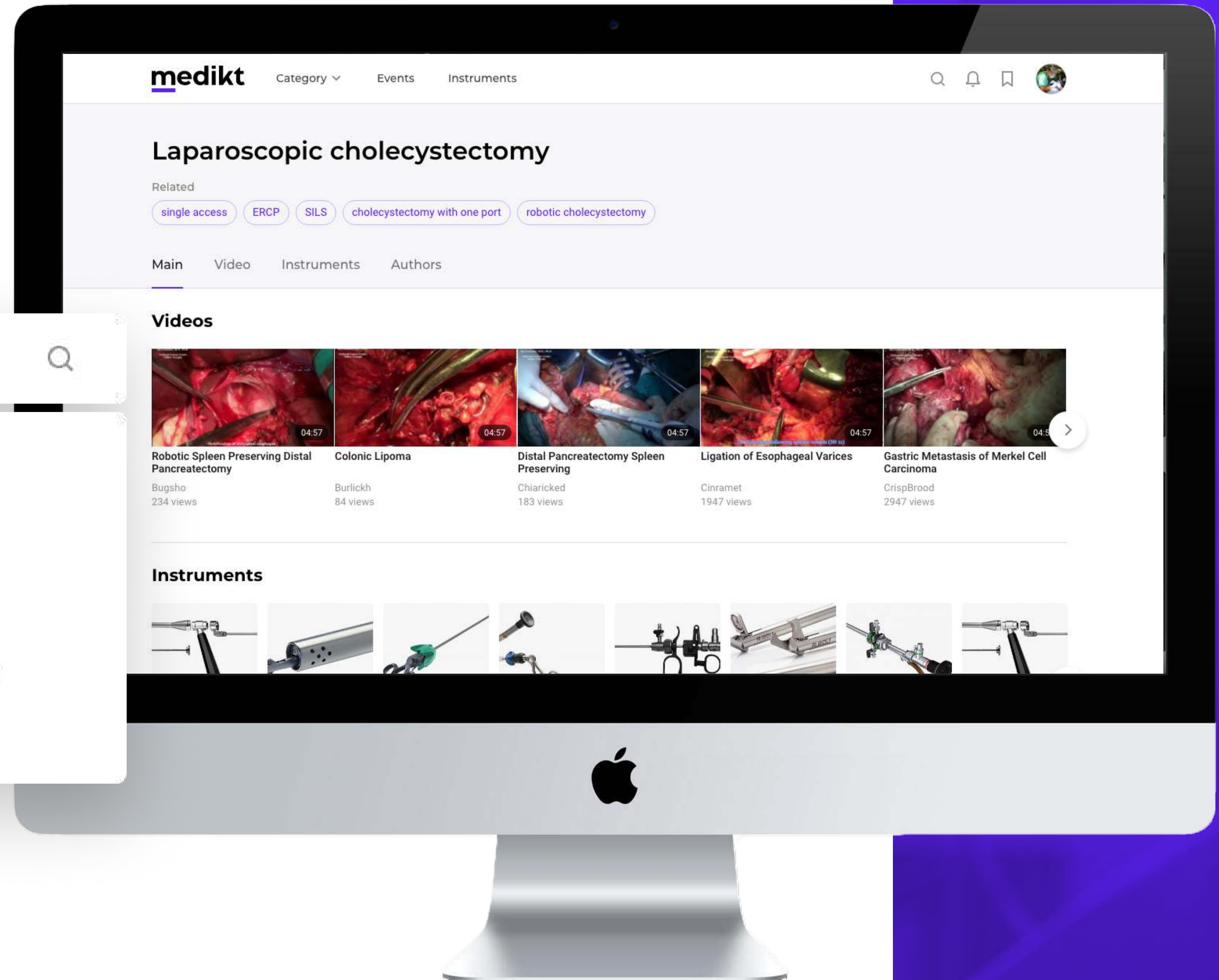
Annotations of surgical process

This convenient tool to mark up operations for events and milestones **saves time on video editing**

Catalogs of specialties and procedures

Category ▾ Search 🔍

Abdominal Surgery	Ophthalmology
Angiology	Plastic Surgery
Andrology Surgery 	Thorecic Surgery
Gynecology	Urology
Cardio Surgery	Maxillofacial Surgery
Neuro Surgery	Endocrine Surgery



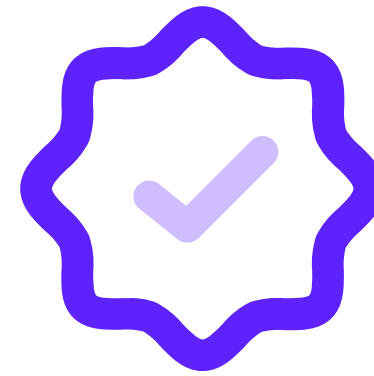
Personal recommendations based on user interests

<input checked="" type="checkbox"/> Abdominal Surgery	<input type="checkbox"/> Angiology
<input type="checkbox"/> Andrology Surgery	<input type="checkbox"/> Neuro Surgery
<input type="checkbox"/> Cardio Surgery	<input checked="" type="checkbox"/> Gynecology
<input type="checkbox"/> Ophthalmology	<input type="checkbox"/> Plastic Surgery
<input type="checkbox"/> Thorecic Surgery	<input type="checkbox"/> Urology
<input type="checkbox"/> Maxillofacial Surgery	<input type="checkbox"/> Endocrine Surgery

Recommended in my fields of interest

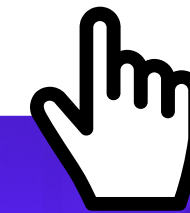
 04:57	 04:57	 04:57	 04:57	 04:57
Robotic Spleen Preserving Distal Pancreatectomy Bugsho 234 views	Colonic Lipoma Burlickh 84 views	Distal Pancreatectomy Spleen Preserving Chiaricked 183 views	Ligation of Esophageal Varices Cinramet 1947 views	Gastric Metastasis of Merkel Cell Carcinoma CrispBrood 2947 views

Doctor **verification**



Confirm that you
are a medical
professional

[Confirm verification](#)



Professional experience in user profile

Add employment

Organization *

Position *

C 1990 ▼ по Present ▼

[Add](#) [Cancel](#)

The screenshot shows a user profile for Leon Pachter on the medikt website. The profile includes a navigation menu with options: Profile, My videos, Experience (highlighted), Field of interest, and Settings. The Experience section is active, displaying a list of educational and professional milestones:

- Experience**
Share your experience, it will increase the trust of colleagues and increase your personal rating
- Education**
 - 2003: Докторантура при кафедре общей хирургии, Военно-медицинская академия им. С.М.Кирова
 - 1996: Адьюнктурa, Военно-медицинская академия им. С.М.Кирова
 - 1992: Факультет переподготовки и повышения квалификации по специальности «Хирургия», Военно-медицинская академия им. С.М.Кирова
 - 1990: Специальность «Лечебное дело», Военно-медицинская академия им. С.М.Кирова
- Career**
 - 2013 - настоящее время: Врач-онколог, ФГБУ ВЦЭРМ им. А.М.Никифорова МЧС России
- Pedagogical activities**

Buttons for adding new entries are visible: '+ Add institution' and '+ Add a place of work'.

Peer reviews from expert surgeons

 **Tomas Antonini** ✓ • Follow
MD, PhD, Researcher, Hypertension Department, National Medical Research Center of Cardiology, Moscow...



Very nicely done

This review is focused on suture approximation of the crural pillars.

- very nice dissection and retraction. the field is clean and well organized
- appreciate the preservation of the replaced L hepatic arterial branch

Excellent needle control and two hand coordination, with the assisting L hand doing a nice contemporaneous job of setting up the tissue, then being ready to pick up the needle after the pass. Very nice use of camera adjustment during suture phase and tying phase, to adjust the op field pertinent to the task of the moment.


The surgeon's left hand seemed to often have a hard time picking up suture or needle, with 2-3 attempts happening regularly. Right hand seemed fine so this does not seem to be a problem with 3D visualization, honestly not sure what to make of this difference in performance between R and L hands.


Suture tying included nice demo of the slip-knot technique in spite of suture breakage on the first suture. I believe the surgeon can be a bit more efficient in completing the knots, by shortening up the loop and by grabbing the tail closer to the knot. It should be practical to accomplish most suture throws without re-grabbing suture, and move straight into next throw without re-grab.


Very nicely done - thanks for sharing!

27 feb 2021



 Comment

 **Mhazi Mazhata** 17 янв
The surgeon does a good job staying in the edema plane for dissection.
Reply

 **Fernando Bayron** ✓ • Follow
Urologic oncologist in Tacoma

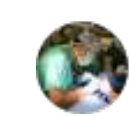


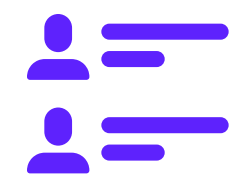
Good visualization

Good visualization. Camera was right. Surgery was faster and more efficient. At 4:50 good suture over crural. Handling of needle was perfect ready for next stitch. Soft but efficient movements. No tissue damage or bleeding. Surgeon showed good robotic control and bimanual dexterity. Excellent job at 6:30 bringing down knot. Good job overall

2 jan 2021



 Comment

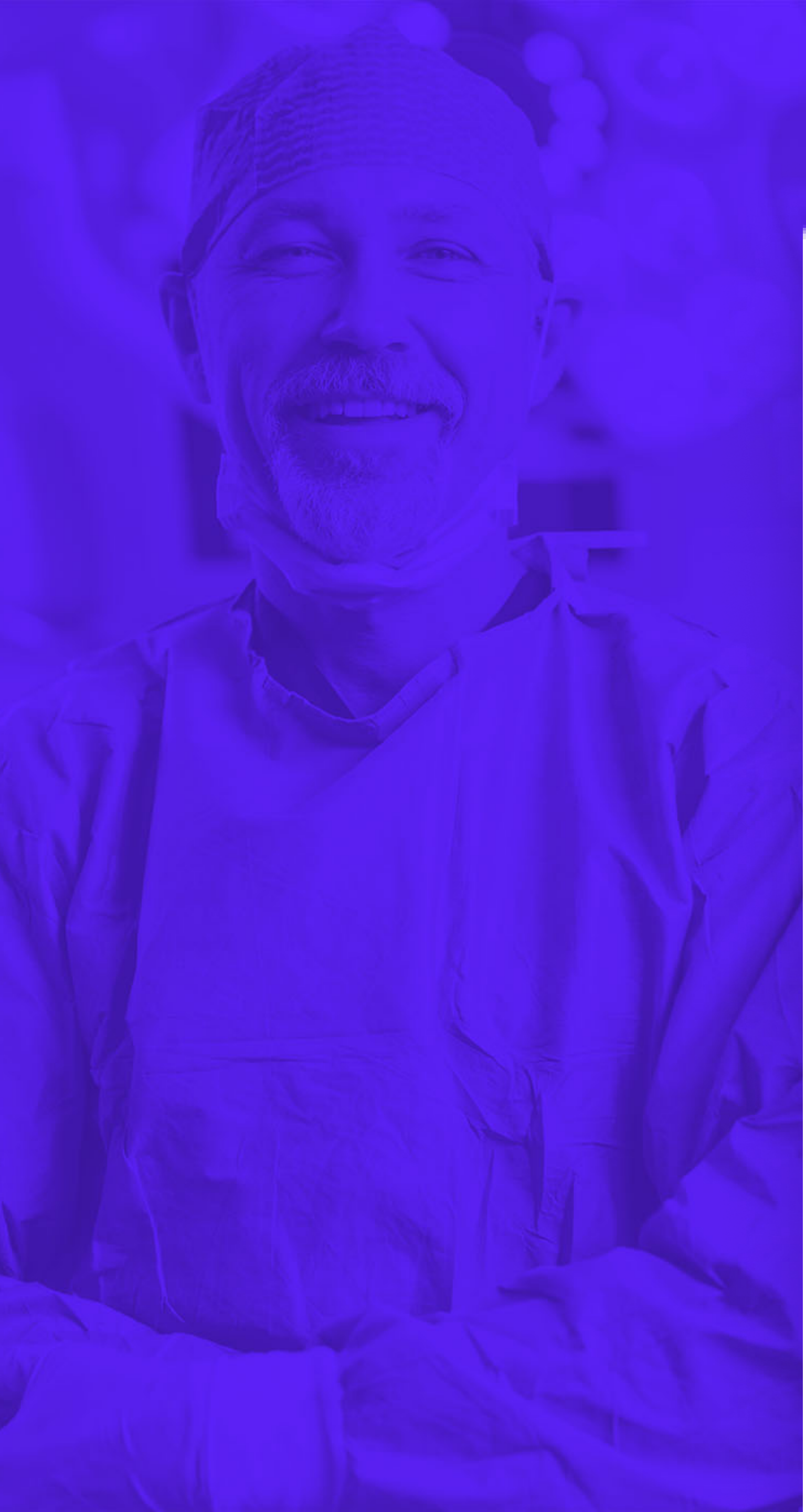


Selection of experts
across various specialties



Verified and
qualified doctors





Leon Pachter

142 followers

1632
rating

Profile

My videos

Experience

Field of interest

Personal rating system





medikt Category ▾ Events Instruments

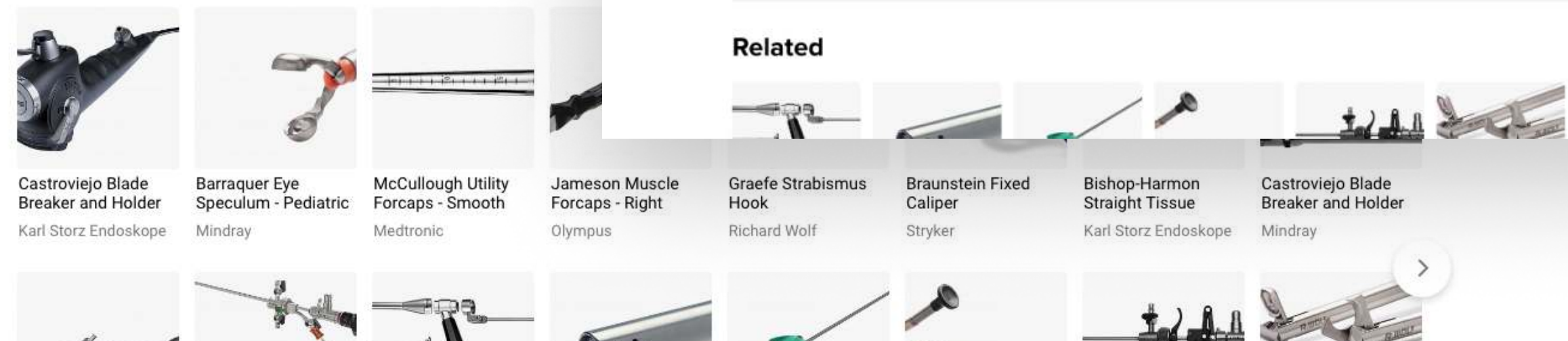
Instruments and equipment

Brands



General surgery

laparoscopy nephrectomy nephrectomy KIDNEY cancer



Flexible video bronchoscope BR-1259

The instrument helps the key aspects of anatomy in subxiphoid dissection in TAR.

Category

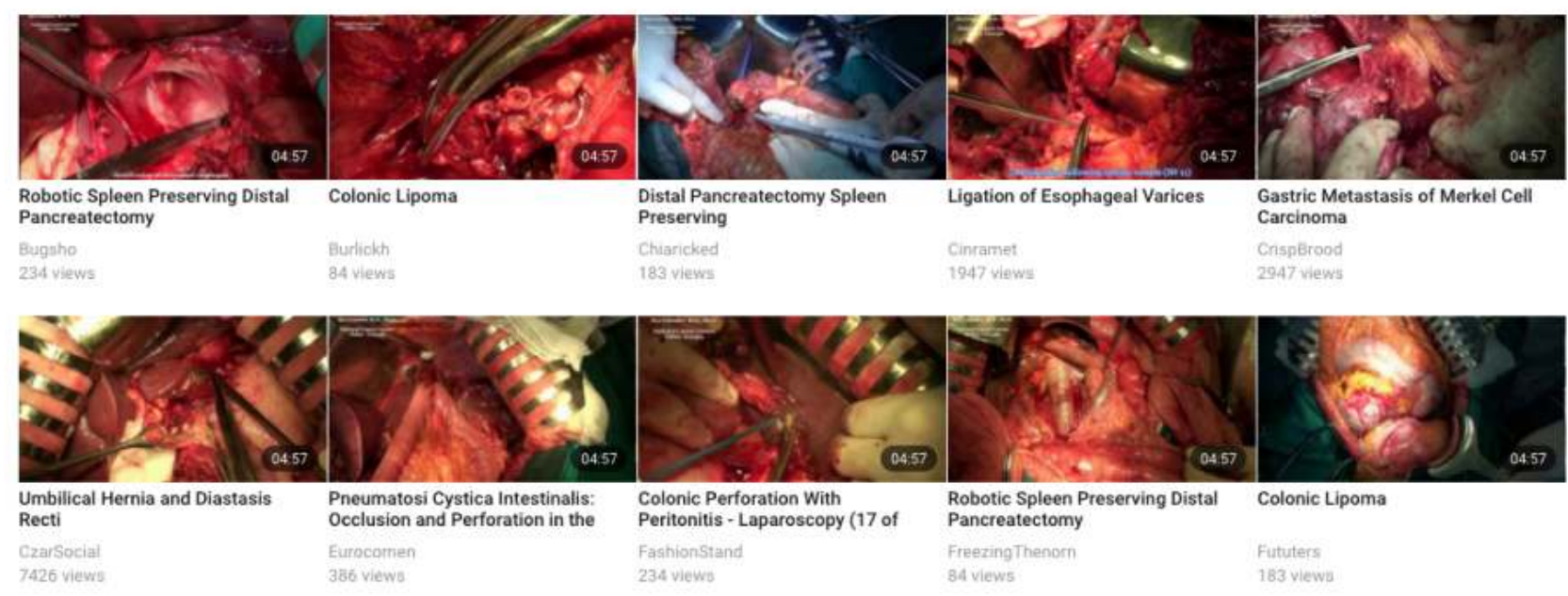
Thoracic Surgery

Related

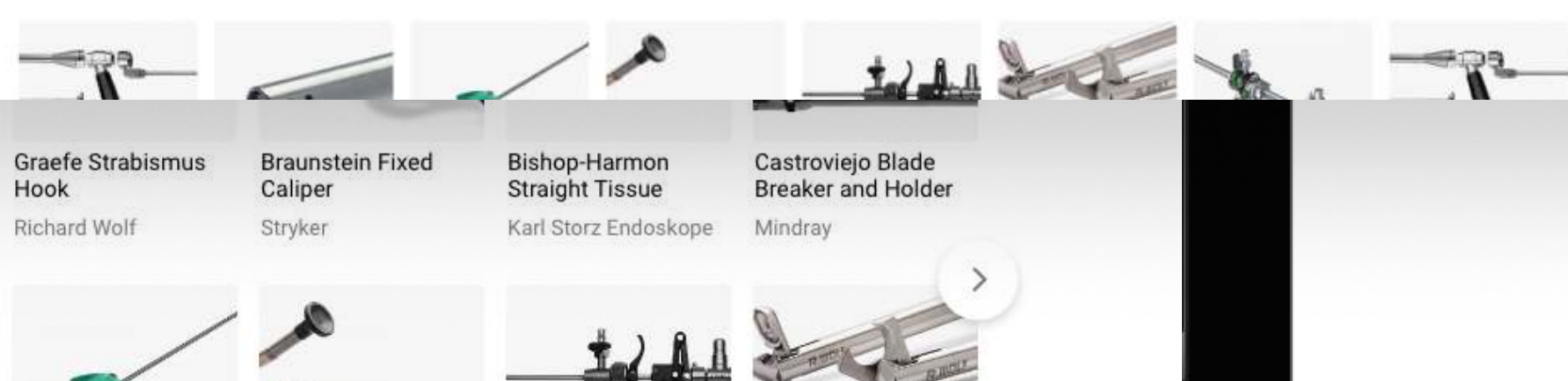
laparoscopy nephrectomy nephrectomy KIDNEY cancer



Video Questions



Related



Instruments and equipment from international manufacturers

Review of surgeries performed with selected surgical instruments or equipment



Live broadcasting and event management tools

LIVE

The screenshot shows a live broadcast on the medikt website. The video player displays a surgeon in white scrubs speaking into a microphone in front of an audience. The video title is "Day 1. Masterclass - Laparoscopic colorectal surgery" with 243 viewers and a start time of 12:31 on Feb 27. An online chat window is open on the right, showing several messages from participants discussing surgical techniques and camera work. A red "LIVE" badge is overlaid on the bottom left of the video player.

medikt Category ▾ Events Instruments

Day 1. Masterclass - Laparoscopic colorectal surgery
243 viewers • Started live at 12:31, 27 feb

Online chat

- 14:21 Haroon Antonini Good visualization. Camera was right on spot. If knotless like v lock available consider using it. Makes surgery faster and more efficient. At 4:55 good stitch over crura
- 14:22 Erik Amajoyi Big hiatus, closure was under some tension since the muscle on the right crus was tearing . Single sutures are preferred in these cases comparing to figure of eight
- 14:24 Cleveland Clinic Appreciate you chiming in, @Dr. Michael Latzko. Would you mind dropping a link to one of the suturing examples you mentioned?
- 14:21 Michael Latzko Great overall skills by the surgeon. There is good control throughout the case. There are a few suggestions that I think would improveency. 1. Instead of using ethibond sutures, I have
- Alex Gobel 0/200

Enter your message

Database for training **artificial intelligence**



AI learned how to suture wounds having watched videos of surgical operations. In the future, this model will learn how to do any routine activities by watching videos.

<https://hightech.fm/2020/06/23/ai-surgery>

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