

INTUITIVE

Advancing minimally invasive patient care by da Vinci surgery

Lakshay Arora

Group Manager - Marketing
Intuitive India
lakshay.arora@intusurg.com

16th November 2025

What should be the use of technology in healthcare?



Better
Clinical
Outcomes



Improve
Patient
Recovery



Higher
Operational
Efficiency

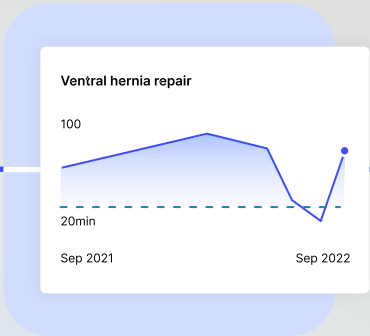


Lower
Cost of
Care



Improve
Access to
Care

Our Quintuple Aim



Improve clinical outcomes

Length of stay
Consistency of outcomes
Surgical site infections
Complications
Readmission



Enhance patient experience

Recovery
Conversions
Outpatient vs. inpatient



Improve care team experience

Ecosystem support
Ergonomics
OR / staffing efficiencies
Analytics
Training



Lower total cost of care

Total clinical cost
Direct costs
Clinical variation



Expand access to care

Enablement of MIS reproducibility
Access to technology and innovations
Education and empowerment

About Intuitive

Intuitive is the pioneer and a global technology leader in minimally invasive robotic-assisted surgery (RAS)

Intuitive was founded in 1995 and headquartered in Silicon Valley. In 2000, FDA cleared the first da Vinci surgical system for general laparoscopic surgery.

Today, Intuitive Surgical employs more than **12,000 employees** and has placed **10,000+ systems** used globally in **60+ countries**

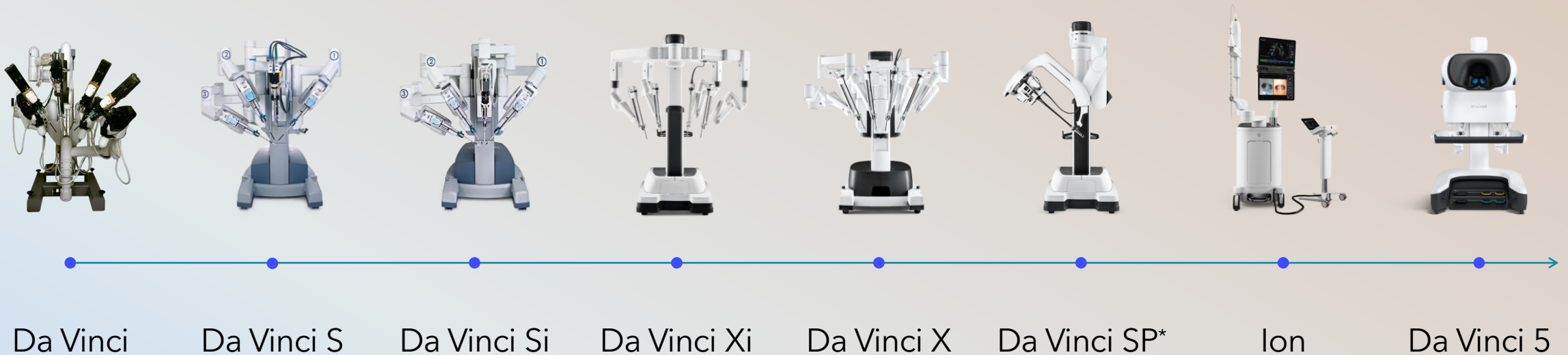
Impact – **16+ Million** robotic surgeries globally, **80,000+** surgeons trained, **60+** robotic training centers across the globe

By uniting advanced systems, progressive learning, and value-enhancing services, we help physicians, and their teams optimize care delivery to support the best outcomes possible

INTUITIVE



30+ years of innovative solutions designed for minimally invasive care



- Da Vinci 5, SP & Ion are not approved , available or marketed in India

1

About Robotic
Assisted Surgery

2

Why Robotic
Assisted Surgery

3

Adoption of Robotic
Assisted Surgery

Surgical options – when a patient is recommended surgery



Open Surgery

Traditional open surgery, where a surgeon operates with **handheld instruments through a large cut (incision)**, may be the first method that comes to mind.



Traditional Laparoscopy

However, a patient could also be a candidate for a less invasive approach requiring just a few small cuts, called **minimally invasive surgery**. Minimally invasive surgery includes laparoscopic surgery and **robotic-assisted surgery**.



Da Vinci® Robotic-assisted Surgery

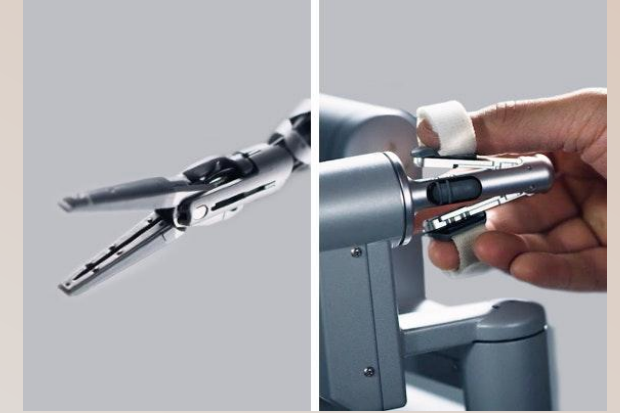
What happens during a Robotic-assisted surgery



Your surgeon is with you in the operating room, seated at the da Vinci system console. The console gives your surgeon **control of the instruments** he or she uses to perform your surgery



The da Vinci vision system delivers **3D High-Definition views**, giving your surgeon crystal-clear view of the surgical area that is **magnified 10 times** to what the human eye sees



Your surgeon uses tiny instruments that move like a human hand but with a far **greater range of motion**. The system's built in **tremor filtration technology** helps your surgeon move each instrument with **smooth precision**

1

About Robotic
Assisted Surgery

2

Why Robotic
Assisted Surgery

3

Adoption of Robotic
Assisted Surgery

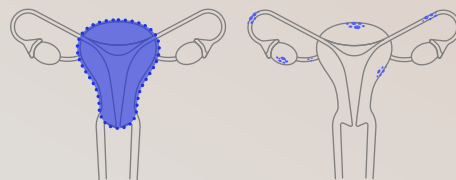
Maturing clinical evidence

Recent global meta-analysis covering:

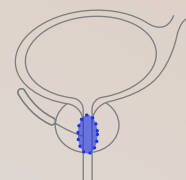
- 12 years
- 22 countries
- 7 surgical procedures

These results are from peer-reviewed COMPARE Study.
The COMPARE Study: Comparing Perioperative Outcomes of Oncologic Minimally Invasive Laparoscopic, Da Vinci Robotic, and Open Procedures: A Systematic Review and meta-analysis of The Evidence.

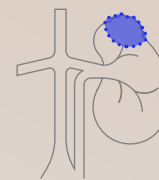
Ricciardi R, Seshadri-Kreaden U, Yankovsky A, Dahl D, Auchincloss H, Patel NM, Hebert AE, Wright V. Ann Surg. 2024 Oct 22.



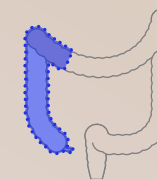
Hysterectomy for cervical cancer and endometrial cancer



Prostatectomy



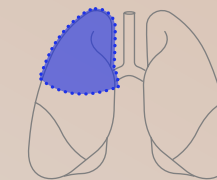
Partial Nephrectomy



Right Colectomy



LAR/TME



Lobectomy

Outcomes measured

Conversions

Blood transfusions

30-day complications

Length of stay

30-day mortality

30-day readmissions

30-day reoperations

Operative time

Procedure specific 230 publications from 7 procedures

1,194,559 patients who underwent da Vinci RAS

1,095,936 patients who underwent laparoscopic surgery or VATS

1,625,320 patients who underwent open surgery

Year 2010-2022

Including

- 34 Randomized Controlled Trials (RCT)
- 74 prospective cohort studies
- 122 large database studies

Maturing clinical evidence

Clinical value of robotic-assisted surgery

These results are from peer-reviewed COMPARE Study.
The COMPARE Study: Comparing Perioperative Outcomes of Oncologic Minimally Invasive Laparoscopic, Da Vinci Robotic, and Open Procedures: A Systematic Review and meta-analysis of The Evidence.
Ricciardi R, Seshadri-Kreaden U, Yankovsky A, Dahl D, Auchincloss H, Patel NM, Hebert AE, Wright V. Ann Surg. 2024 Oct 22.

Outcomes		vs. Lap	vs. Open
Favor RAS	Conversions	56% less likely	N/A
	Blood transfusions	21% less likely	75% less likely
	30-day complications	10% less likely	44% less likely
	Length of stay	0.5 days shorter	1.9 days shorter
	30-day mortality	14% less likely	46% less likely
	30-day readmissions	9% less likely	29% less likely
	30-day reoperations		11% less likely
Comparable	30-day reoperations	Comparable	
Favor Lap/Open	Operative time	17.7 min longer	40.9 min longer

1

About Robotic
Assisted Surgery

2

Why Robotic
Assisted Surgery

3

Adoption of Robotic
Assisted Surgery

Intuitive Global: By the numbers

2,680,000+

Procedures performed on da Vinci® systems in 2024

95,000+

lon procedures performed in 2024

1,790+

Intuitive systems placed in 2024

1,430+

Multiport

95+

Single port

270+

lon

4,000+

Peer-reviewed articles published in 2024

16,940,000+

Procedures performed on da Vinci® systems to date¹

180,000+

lon procedures performed to date

10,670+

Intuitive systems in hospitals globally¹

9,620+

Multiport

270+

Single port

800+

lon

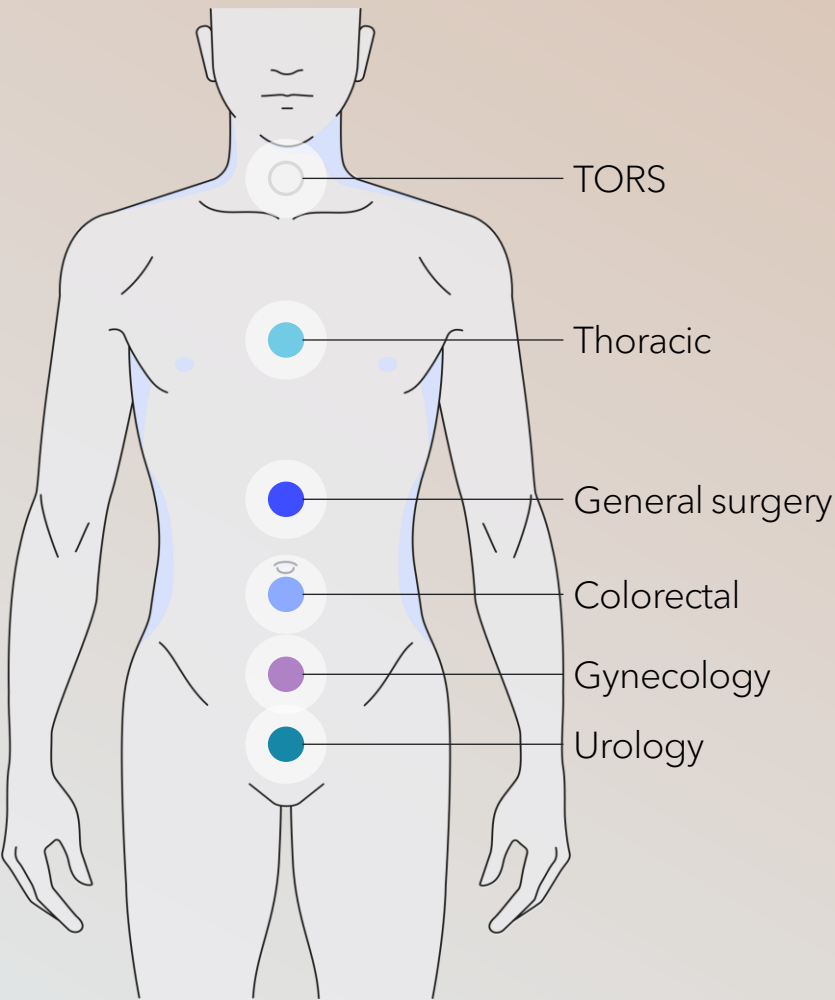
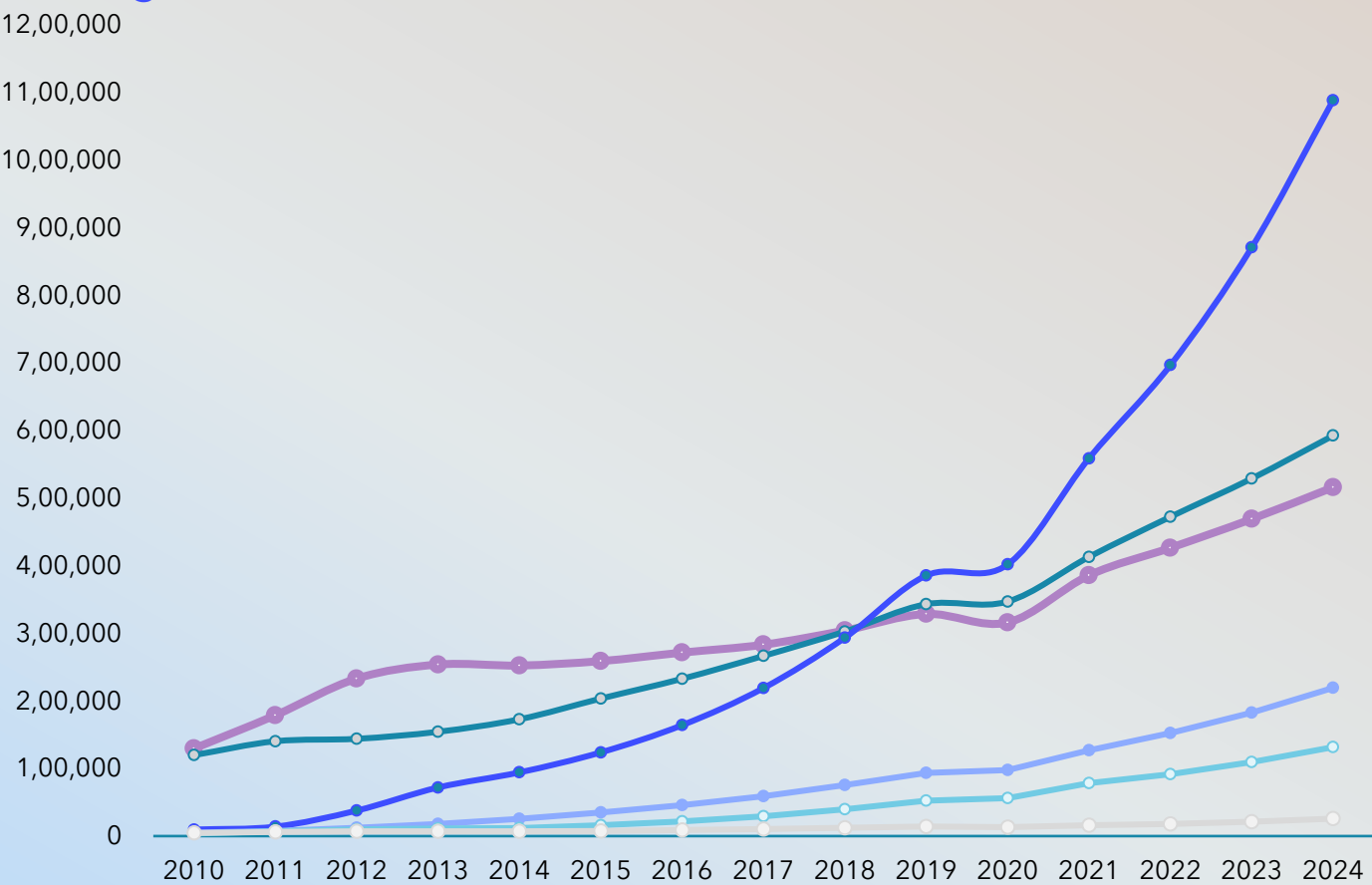
43,000+

Peer-reviewed articles published to date²

1. As of Dec. 2024. 2. As of Nov. 2024. Source: Intuitive 2024 earnings estimate.

Global procedure adoptions across surgical specialty

Intuitive is proven for 200+ soft tissue surgical procedures backed by global clinical evidence and data



Global procedure growth over past 14 years (2010 - 2024)

INTUITIVE Source: Internal Data - SFDC, Note: Data as of 2022.12.31

Da Vinci Systems in India



220+

Da Vinci systems in India

INTUITIVE

© 2025 Intuitive Surgical Operations, Inc. All rights reserved.



150,000+

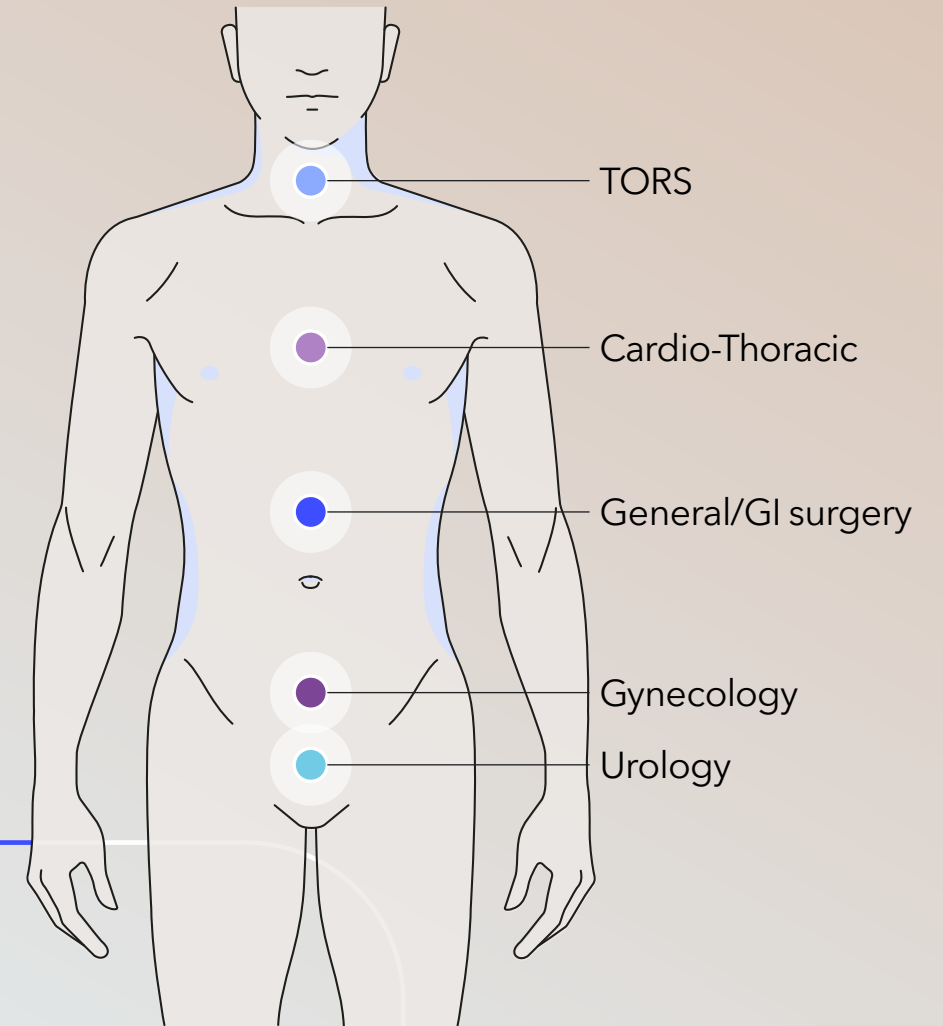
Patients impacted to date
using da Vinci systems in India*

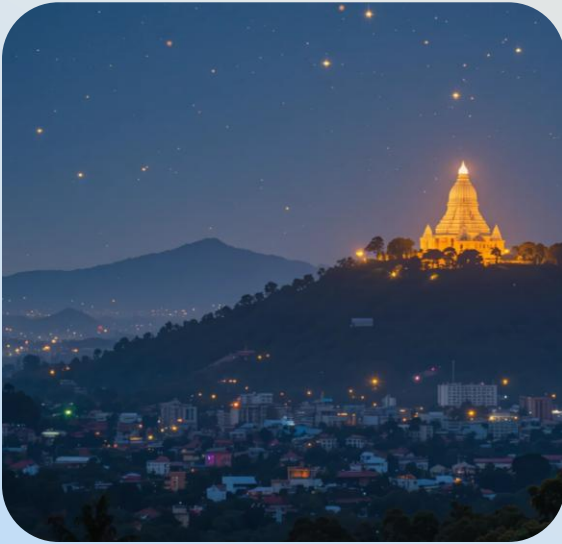
INTUITIVE

© 2025 Intuitive Surgical Operations, Inc. All rights reserved.

40+

Procedure types
supported in India





26%

of total patients treated live in Tier 2+ cities

INTUITIVE

© 2025 Intuitive Surgical Operations, Inc. All rights reserved.

INTUITIVE

Thank You

INTUITIVE