# INTUÎTIVE

# The Value of Choosing a da Vinci surgical system

Through ingenuity and intelligent technology

# Our mission statement

We believe that minimally invasive care is life-enhancing care. Through ingenuity and intelligent technology, we expand the potential of physicians to heal without constraints.



**Experience meets performance** 



Unified Ecosystem to Enable MIS

Spectrum of robotic procedures and programs



Integrated Intelligence

Actionable digital insights across the care continuum



# Quantified Performance

#### **Experience meets performance**

Nearly three decades, and more than 12 million procedures<sup>1</sup> in collaboration with surgeons, care teams, and hospitals with the goal to help consistently deliver better, more predictable outcomes.



# 12 million+

procedures performed globally through 2022 using the da Vinci surgical system.<sup>1</sup>



34,000+

peer-reviewed scientific articles that reference Intuitive technologies.<sup>1</sup>



7,500+

da Vinci systems around the world.1



28 years

of experience refining the customer learning journey to provide a structured and measured training pathway for surgeons, physicians, and care teams.

1. Intuitive ESG Report 2022



# Unified Ecosystem to Enable MIS

#### Spectrum of robotic procedures and programs

Innovation for today and the future with four generations of da Vinci surgical systems, learning, and services, all united in one ecosystem to help surgeons, care teams, and hospitals achieve robotics total practice\* and program excellence.

\* Total da Vinci practice refers to the transferable value of robotic-assisted surgery with a da Vinci system across procedures in a surgeon's minimally invasive practice. It is at the surgeon's discretion to determine when a patient is a candidate for MIS and whether robotic-assisted surgery with a da Vinci system is an option.



### **Systems**

# Nearly 70

Representative clinical uses for da Vinci systems to address the changing needs for a successful robotics program.

#### 2

Dual console capabilities - two surgeons can operate simultaneously<sup>2</sup> with the benefit of an immersive surgical experience.

# 45 and counting

Approved instruments to provide the ideal tissue interaction.<sup>3</sup>

### 3DHD

Da Vinci 3DHD is enabled by advanced digital optics in tip-mounted cameras as standard with Firefly integrated fluorescence imaging.<sup>4</sup>

- 1. Intuitive ESG Report 2022
- 2. 1084159-EU-RevB da Vinci Xi RevB 03/2022
- 3. Intuitive.com/Software
- 4. https://www.intuitive.com/en-gb/products-and-services/da-vinci/vision
- 5. Intuitive Internal Data on file



### Learning

82

RAS training centers around the world.<sup>5</sup>

66,000+

Surgeons trained globally to use da Vinci platforms.<sup>1</sup>

1,200+

Active registered proctors globally.1

49,000+

Surgeon hours logged on the SimNow learning system.<sup>1</sup>



#### **Services**

99%+

Global system uptime.<sup>1</sup>

Every 16.8 seconds
A surgeon begins a da Vinci procedure. 1

2,553

Global Genesis engagements with care centers and hospitals in 2022.<sup>1</sup>

13,800+

Customer portal users globally.1



# Integrated Intelligence

# Actionable digital insights across the care continuum

Digitally connected ecosystem providing enhanced capabilities, intraoperative guidance, decision support, and personalized learning journey, with the goal to help improve outcomes and efficiency for surgeons, care teams, and hospitals.



### **SureForm**

stapler data



# **System**

log data



# My Intuitive

Data

System data monitors firing force using stapler kinematics data at >1,000 measurements per second.<sup>1</sup>

Capture information about system arm movements.

Application enables users to access individual level system log data from the da Vinci system.<sup>3</sup>

# Insights

#### **SmartFire algorithm**

Data insights inform settings for optimal tissue compression and staple formation across a range of tissue thicknesses.<sup>1</sup>

#### **System performance indicators**

An algorithm that analyzes anonymized, real-world system data from millions of procedures can help identify potential arm failure before it occurs.

#### **Case metrics and trends**

Review metrics to understand total procedure count, instrument utilization and console time.<sup>2,4</sup> Edit, filter and export data to provide further insights.<sup>2,4</sup>

# Actions

# Automated adjustment of clamping force

Data-informed automation can help optimize the staple line and prevent tissue damage, across a range of thicknesses.<sup>1</sup>

#### **Proactive monitoring**

Real-time troubleshooting with a support team or the proactive dispatch of a field engineer to service the arm.

# Connect and assign learning content

Explore individual and team performance and assign appropriate content from Intuitive Learning. Collaborate virtually with colleagues by linking a laptop to the OR.<sup>5</sup>

- 1. Results from testing on File
- 2. PN1091334-01 EU Rev A 04/2022 (My Intuitive Vision Presentation)
- 3. PN 1099722-US Rev A (Digital portfolio messaging guide My Intuitive section)
- 4. PN 1094279-02-EU-Ra 01/2023 (Getting started with My Intuitive)
- 5. PN1095856-01 EU RevA 06/2022 (Intuitive Hub presentation)

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# Regulatory and Legal Disclaimers and Statements

#### **Product Information**

#### Da Vinci X & Xi Surgical Systems

The Intuitive Surgical Endoscopic Instrument Control Systems (da Vinci X and da Vinci Xi Surgical Systems) are intended to assist in the accurate control of Intuitive Surgical Endoscopic Instruments during urologic surgical procedures, general laparoscopic surgical procedures, gynecologic laparoscopic surgical procedures, general thoracoscopic surgical procedures, and trans-oral otolaryngology surgical procedures restricted to benign tumors and malignant tumors classified as T1 and T2, and for benign base of tongue resection procedures. The systems are indicated for adult and pediatric use (except for trans-oral otolaryngology surgical procedures). They are intended to be used by trained physicians in an operating room environment.

The da Vinci X and da Vinci Xi Surgical Systems are class IIb medical devices CE marked (CE 2460) under the European Medical Devices Directive (93/42/EEC), manufactured by Intuitive Surgical, Inc. Refer to Instructions For Use before use.

#### **Legal Notices**

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