

Da Vinci X

Expand your
potential.



INTUITIVE



Expand your potential

As a cost-effective gateway to the fourth generation of da Vinci® surgical systems, the da Vinci X® can grow with your robotics program as you perform innovative minimally invasive surgery for your patients.

Designed so you can comfortably perform a range of procedures, this system provides visual guidance during setup, a linear port placement, and a smaller, thinner arm design. This enables a broader reach than previous generations of da Vinci® systems.¹

Plus, you can use much of the same advanced technology available for our most capable platform, the da Vinci Xi® surgical system, making upgrades straightforward if your needs evolve.



1. Compared to the da Vinci Si® surgical system. Results of testing on file.

Build on a solid foundation

Intuitive created the da Vinci X[®] surgical system by using experience from three previous generations and thousands of hours working with surgeons and staff. Now the benefits of robotic-assisted surgery can be brought to any operating room at a lower price.

Set up quickly

Follow a clear interface as you set up, and utilize a laser guidance system that helps take the guesswork out of positioning the patient cart.

Simplify port placement

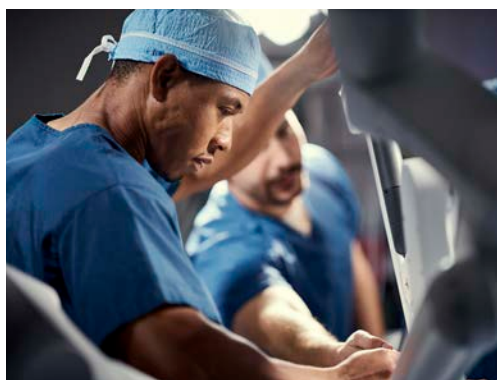
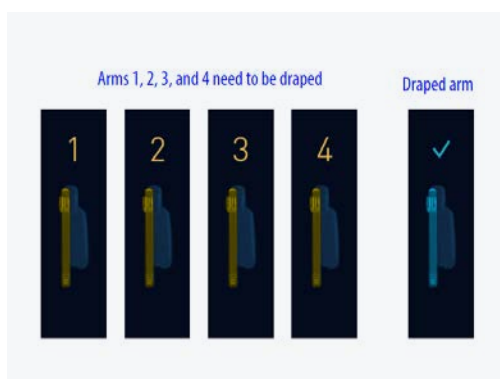
The architecture of the fourth-generation instrument arms allows ports to be placed in a straight line for multi-port procedures.

Switch your view

A universal arm design allows you to insert the endoscope on any arm at any time during your procedure.

Get a greater range of motion*

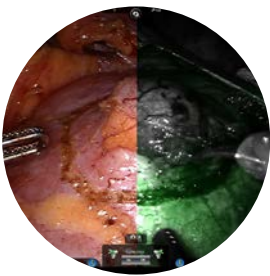
By combining longer instruments with thinner arms¹, the da Vinci X[®] surgical system can help limit the potential for collision while focusing on precision.



* Lower price refers to initial expenditure on surgical system.

Access the latest da Vinci innovations

Choosing the da Vinci X[®] surgical system means you can use the same instruments available for the da Vinci Xi[®], enabling you to standardize instruments for your multi-port patient carts.



See tissue in a different light

Built-in Firefly[®] fluorescence imaging gives you real-time visualization and assessment of vessels, bile ducts, and tissue perfusion.



Put the power in your hands

The integrated ERBE VIO dV generator helps you fine-tune energy output and switch presets when you need to directly from the surgeon console.



Staple with control

Da Vinci Stapling offers a full range of lengths and reloads—30, 45, and 60 mm—as well as fully wristed articulation, complete surgeon control from the console, and software-driven feedback to help reduce guesswork.



Get two grip strengths in one grasper

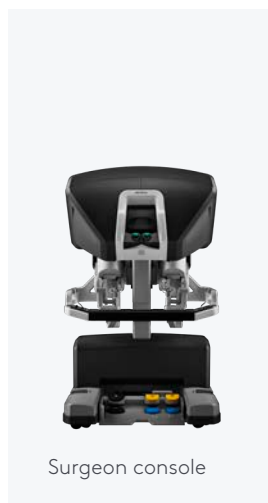
Force Bipolar with DualGrip technology can help streamline setup and minimize workflow disruptions by reducing instrument exchanges.

1. Compared to the da Vinci Si[®] surgical system. Results of testing on file.



Upgrade when you are ready

Powered by da Vinci OS4, the fourth generation of da Vinci® surgical systems allows flexible configurations and an upgrade path as your program needs evolve, whether you are switching to the da Vinci Xi® or adding future technologies.



System comparison

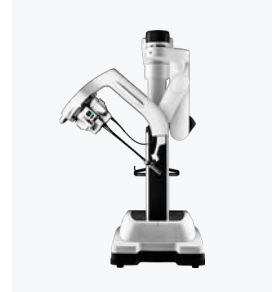
da Vinci X



da Vinci Xi



da Vinci SP*



CORE TECHNOLOGY

Da Vinci OS4 compatible	✓	✓	✓
Intuitive Motion	✓	✓	✓
EndoWrist® Technology	✓	✓	✓
Immersive 3DHD Stereo Viewer	✓	✓	✓
Upgradeable Architecture	✓	✓	✓
Single Port Platform	×	×	✓

TECHNOLOGY ENHANCEMENTS¹

Dual Console Compatible	✓	✓	×
Single-Site® Technology	✓	✓	×
EndoWrist Stapler 45	✓	✓	×
Vessel Sealer Extend	✓	✓	×
Firefly® Fluorescence Imaging	✓	✓	×
Multi-Port Instruments & Endoscope	✓	✓	×
Integrated Energy	✓	✓	✓
Expanded Stapling Portfolio	✓	✓	×
Platform Modularity	✓	✓	✓
EndoWrist Articulating Camera	×	×	✓
EnergyShield™ Monitoring	×	×	✓

CAPABILITY ENHANCEMENTS¹

Streamlined Port Placement	✓	✓	✓
Universal Single Port Placement	×	×	✓
Extended Anatomical Access	×	✓	✓
Integrated Table Motion	×	✓	×
Boom Rotation	×	✓	✓
360° Axis Rotation	×	×	✓
Single Port Distal Triangulation	×	×	✓

EASE OF USE ENHANCEMENTS¹

Automated Setup Tasks	×	✓	✓
Advanced Intraoperative Adjustments	×	✓	✓
Universal Cart Positioning	×	✓	✓
Optimized Patient Side Access	×	✓	✓
Elimination of Potential External Arm Collisions	×	×	✓

* The da Vinci SP® is only intended to be used for single port urological procedures and for transoral otolaryngology surgical procedures in the oropharynx for benign tumors and malignant tumors classified as T1 and T2 with the da Vinci EndoWrist SP Instruments and the da Vinci SP Surgical System (SP1098).

1. Compared to the da Vinci Si® surgical system. Results of testing on file.

Purchasing information

Da Vinci X system

To contact a representative or receive additional information visit:

www.intuitive.com

or

call Intuitive Surgical Customer Service:

U.S.

1.877.408.3872

Europe

+41.21.821.2020 or

+800.0821.2020

Rest of the world

1.408.523.2100



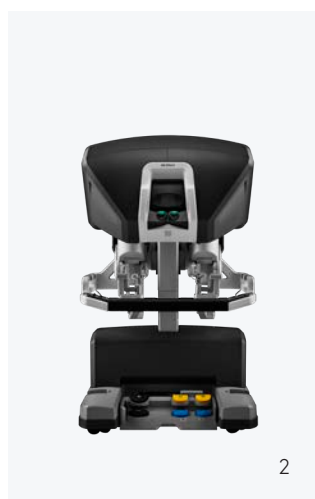
What you get*

The da Vinci X system has three components:

1. A unique **patient cart**

2. A **surgeon console** providing an immersive, ergonomic experience

3. A **vision cart** supporting the latest 3DHD vision system



* Parts of the da Vinci X surgical system may be refurbished or reconditioned.

Important safety information

Serious complications may occur in any surgery, including da Vinci® Surgery, up to and including death. Examples of serious or life-threatening complications, which may require prolonged and/or unexpected hospitalization and/or reoperation, include but are not limited to, one or more of the following: injury to tissues/organs, bleeding, infection and internal scarring that can cause long-lasting dysfunction/pain.

Risks specific to minimally invasive surgery, including da Vinci® surgery, include but are not limited to, one or more of the following: temporary pain/nerve injury associated with positioning; a longer operative time, the need to convert to an open approach, or the need for additional or larger incision sites. Converting the procedure could result in a longer operative time, a longer time under anesthesia, and could lead to increased complications. Contraindications applicable to the use of conventional endoscopic instruments also apply to the use of all da Vinci instruments.

For Important Safety Information, indications for use, risks, full cautions and warnings, please also refer to www.intuitive.com/safety.

Individuals' outcomes may depend on a number of factors, including but not limited to patient characteristics, disease characteristics and/or surgeon experience.

It is the responsibility of the owner of the da Vinci Surgical System to properly train and supervise its personnel to ensure that the instruments and accessories are properly cleaned, disinfected and sterilized as required by the User's Manual. The da Vinci products should not be used in a clinical setting unless the institution has verified that these products are properly processed in accordance with the da Vinci System User's Manual.

Firefly Fluorescence Imaging

The da Vinci® Fluorescence Imaging Vision System (Firefly® Fluorescence Imaging) is intended to provide

real-time endoscopic visible and near-infrared fluorescence imaging. The da Vinci Fluorescence Imaging Vision System enables surgeons to perform minimally invasive surgery using standard endoscopic visible light as well as visual assessment of vessels, blood flow, and related tissue perfusion, and at least one of the major extra-hepatic bile ducts (cystic duct, common bile duct and common hepatic duct), using near infrared imaging. Fluorescence imaging of biliary ducts with the da Vinci Fluorescence Imaging Vision System is intended for adjunctive use only, in conjunction with standard of care white light and when indicated, with intraoperative cholangiography. The device is not intended for standalone use for biliary duct visualization. Intuitive's ICG packs are available for sale in the U.S. ONLY.

Intuitive's ICG packs are cleared for commercial distribution in the U.S. for use in combination with the fluorescence-capable da Vinci Xi HD vision system and Firefly integrated hardware. Intuitive-distributed ICG contains necessary directions for use of ICG with Firefly Fluorescence Imaging. Using generic ICG with Firefly Fluorescence Imaging is considered off-label and is not recommended. Anaphylactic deaths have been reported following ICG injection during cardiac catheterization. Total ICG dosage should not exceed 2 mg/kg per patient. Anaphylactic or urticarial reactions have been reported in patients with or without histories of allergy to iodides.

Vessel Sealer Extend

The EndoWrist® Vessel Sealer Extend is a bipolar electro-surgical instrument for use with a compatible da Vinci surgical system and the ERBE VIO® dV electro-surgical generator. It is intended for grasping and blunt dissection of tissue and for bipolar coagulation and mechanical transection of vessels up to 7mm in diameter and tissue bundles that fit in the jaws of the instrument. The EndoWrist Vessel Sealer Extend has not been shown to be effective for tubal sterilization or tubal coagulation for sterilization procedures, and should not be used for these procedures.

Xi System Stapler Family

The EndoWrist® Stapler 30 and 45 Instruments and Reloads are intended to be used with the da Vinci Xi Surgical System (IS4000) for resection, transection, and/or creation of anastomoses in General, Thoracic, Gynecologic and Urologic surgery. The EndoWrist Staplers 30 and 45 are indicated for adult use, and the EndoWrist Stapler 30 is indicated for pediatric use. The devices can be used with staple-line or tissue-buttressing materials.

The EndoWrist Stapler 30 and 45 Instruments and Reloads should not be used on tissue such as the liver or spleen, where tissue compressibility is such that clamping of the instrument would be destructive. Do not use the EndoWrist Stapler 30 and 45 Instruments or Reloads on the aorta.

The EndoWrist Stapler 30 and 45 for the da Vinci Xi System (IS4000) are not compatible for use with the da Vinci, da Vinci S, or da Vinci Si Surgical Systems.

SureForm Staplers

The Intuitive Surgical Stapler SureForm™ 60, Stapler SureForm 60 reloads, and other stapler accessories are intended to be used with a compatible da Vinci Surgical Systems for resection, transection, and, or creation of anastomoses in General, Thoracic, Gynecologic, Urologic, and Pediatric surgery. The device can be used with staple line or tissue buttressing material (natural or synthetic).

The Intuitive Surgical Stapler SureForm™ 45, Stapler SureForm 45 reloads, and other stapler accessories are intended to be used with a compatible da Vinci Surgical System for resection, transection, and, or creation of anastomoses in General, Thoracic, Gynecologic, Urologic, and Pediatric surgery. The device can be used with staple line or tissue buttressing material (natural or synthetic).

Force Bipolar

The Force Bipolar is intended to be used with compatible systems for endoscopic manipulation of tissue, including dissection, grasping, retraction, and bipolar coagulation of tissue.

Table Motion

Da Vinci Table Motion is intended to allow the surgical staff to reposition the patient by adjusting the table without undocking the da Vinci Xi® Surgical System during urologic surgical procedures, general laparoscopic surgical procedures, and gynecologic laparoscopic surgical procedures. It is designed to be used with a compatible OR table.

Unless otherwise noted, all people depicted are models.

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