

A CLEAR ADVANTAGE IN UTERINE TISSUE REMOVAL



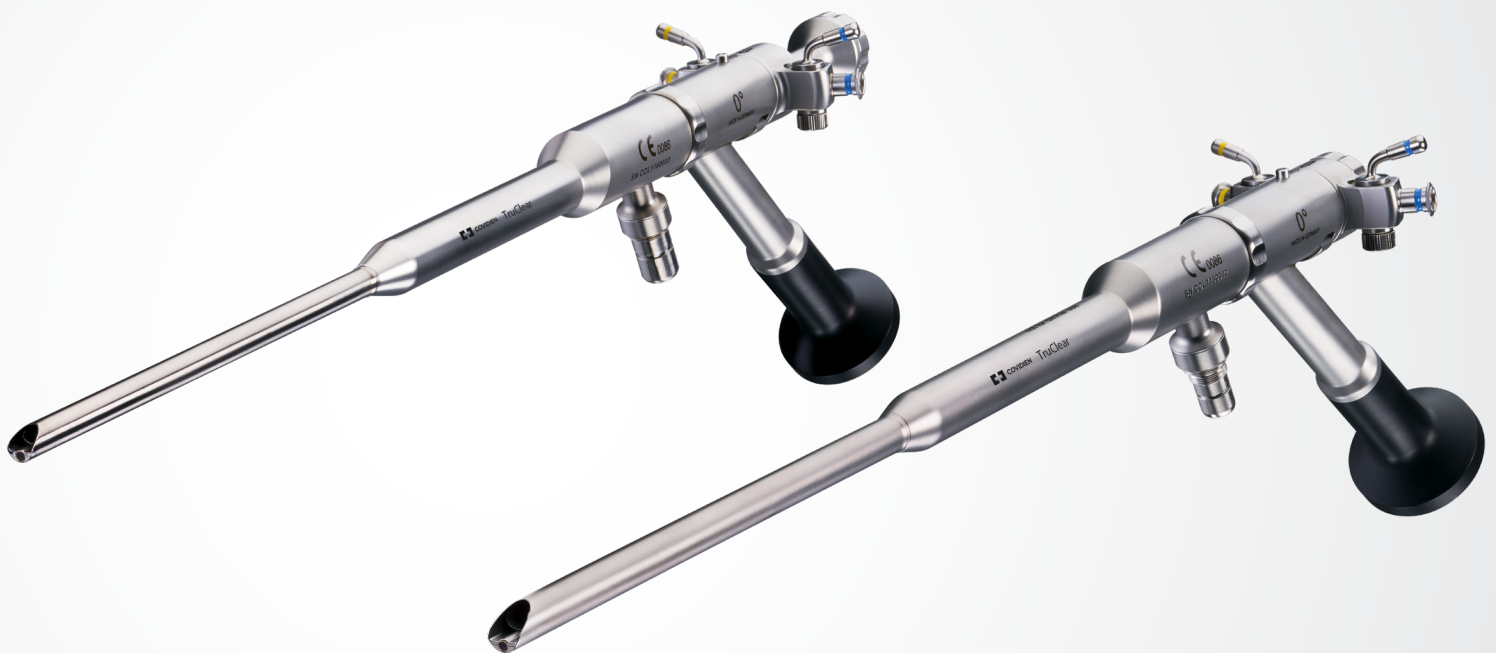
TruClear™ System

Bring clarity, precision, and efficiency to hysteroscopic tissue removal

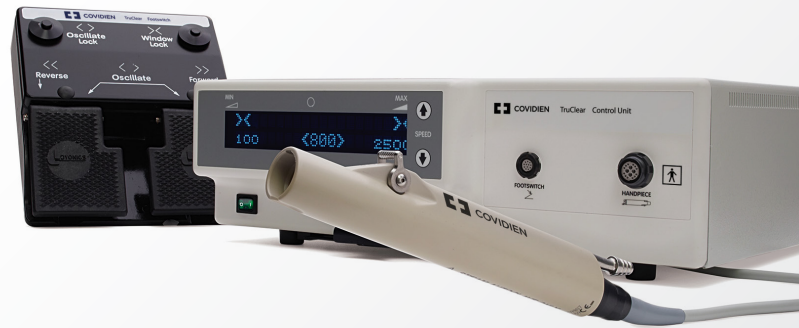
For more than a decade, the TruClear™ system has set the standard for quality tissue removal. It offers a complete technology platform for the removal of a range of intrauterine abnormalities. It includes:

- Advanced fluid management
- Efficient cut and capture of tissue
- Pathology-specific tissue removal devices

Plus, the TruClear™ system is the only system designed for visual D&C, evacuation of retained products of conception (RPOC), and fibroid and polyp removal.



TruClear™ Elite hysteroscopes



TruClear™ hysteroscopic tissue removal system

Designed for optimum performance

Clear Operative Field

The TruClear™ system:

- Minimizes tissue floating within the uterine cavity
- Helps maintain a clear operative field with continuous flow and suction

Gentle Resection

The TruClear™ system:

- Preserves the uterus through localized treatment while removing tissue
- Eliminates risk of energy discharge-induced scarring and gas embolism due to mechanical design
- Minimizes fluid use through proprietary suction control technology

Efficient Procedure

The TruClear™ system:

- Delivers simultaneous cutting and tissue removal, requiring only a single insertion
- Provides fewer procedural steps due to single insertion

Targeted Pathology Removal

The TruClear™ system:

- Allows for efficient cut and capture with continuous visualization
- Enables evaluation of the entire pathology due to tissue capture

MULTIPLE PROCEDURES, ONE HIGH-PERFORMANCE SYSTEM.

The TruClear™ system enables more efficient procedures and enhanced performance for a full spectrum of conditions. Here are some examples.



Myomectomy

The TruClear™ system:

- Brings speed, efficiency, and precision to the removal of myomas
- Helps ensure patient safety through advanced fluid management

Retained Products of Conception Evacuation

The TruClear™ system:

- Minimizes endometrial damage by evacuating RPOC under direct visualization
- Captures tissue for histological confirmation
- Potentially reduces the need for additional procedures as the system has demonstrated complete removal in over 94% of patients¹

Diagnostic Visual D&C and Endometrial Biopsy

The TruClear™ system provides direct visualization of the uterine cavity to facilitate removal of:

- Targeted endometrial tissue
- Hyperplastic endometrium
- Other intrauterine tissue for pathology analysis

Polypectomy

The TruClear™ system:

- May improve the efficiency of polyp removal by reducing polypectomy procedure time by half that of electrical resection as demonstrated in a clinical study¹
- Is likely to completely remove polyps compared to electrical resection as found in one study²
- Has demonstrated reduced patient discomfort²

“ With the TruClear™ system, I can address a wide spectrum of abnormalities with one high-performing system.”

- Dr. Charles E. Miller,
Advocate Lutheran General Hospital, Park Ridge, IL

MORE OPTIONS MEAN MORE CONTROL IN EVERY PROCEDURE

The TruClear™ system is a complete technology platform for hysteroscopy procedures. It brings together high-performance scopes — like TruClear™ Elite hysteroscopes — and incisionless tissue removal with advanced fluid management. Together, they deliver access and clarity so you can do what you do best: treat patients.

See and Treat Methodology

TruClear™ hysteroscopes offer a clear view of the uterine cavity and a large working channel. So you can treat uterine conditions at the same time as diagnosis.

“The operative port allows for the introduction of rigid scissors for removal of polyps, fibroids, or to perform curettage; and tubal catheterization for the evaluation and treatment of proximal tubal occlusion in conjunction with the use of the C arm.”

- Dr. Daniel B. Williams,
Houston Fertility Institute, Houston

TruClear™ Elite hysteroscopes deliver next generation features to enhance your technique — and the patient experience.

In your office or OR, you can have a hysteroscope that provides:

- High-definition images
- Continuous inflow and outflow with suction
- A long working channel for access to the entire uterus — including the cornua and fundal wall
- An improved seal to minimize leakage†

Meanwhile, your patients will appreciate refinements such as:

- A single-insertion instrument that enables fewer procedural steps
- An angled tip for easier insertion into the cervical canal and uterus

TruClear™ tissue shaver devices deliver:

- Simultaneous tissue cutting and aspiration to reduce procedure time
- Proprietary suction control feature to minimize fluid loss
- A choice of four pathology-optimized disposable devices
 - TruClear™ soft tissue shaver mini
 - TruClear™ soft tissue shaver plus
 - TruClear™ dense tissue shaver mini
 - TruClear™ dense tissue shaver plus

† Compared to legacy TruClear™ hysteroscopes.



The TruClear™ Elite
hysteroscope mini
and plus

TruClear™ soft
tissue shaver mini



TruClear™ soft
tissue shaver plus



TruClear™ dense
tissue shaver mini



TruClear™ dense
tissue shaver plus



A SIMPLER, MORE EFFICIENT FLUID MANAGEMENT SYSTEM.†

The HysteroLux™ system is a next generation solution for your hysteroscopic procedures. It offers a touchscreen interface, user-friendly operation settings, and rapid response to changes in uterine pressure.

Optimized distention

The HysteroLux™ system:

- Delivers a high maximum flow rate of 800 mL per minute
- Provides a rapid response to changes in intrauterine pressure
- Has a high maximum pressure setting of 150 mm Hg

Enhanced safety

The HysteroLux™ system:

- Enables continuous, real-time monitoring of fluid deficit when its scale is in use
- Reduces the risk of fluid overload by continuously monitoring fluid volume deficit with ± 6 percent accuracy³
- Indicates critical deficit levels, pressure levels, and deficit changes with an audible alarm

Simplicity and flexibility

The HysteroLux™ system provides:

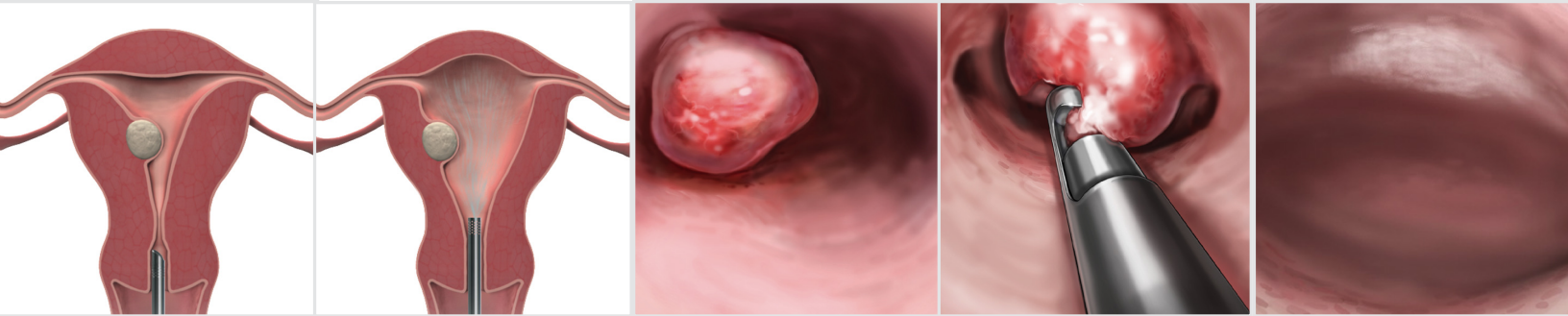
- A user-friendly touchscreen that simplifies setup
- Integrated suction
- Fewer connections and canisters†
- Compatibility with a variety of diagnostic and operative hysteroscopes and resectoscopes to enable more procedural flexibility



† Compared to our legacy fluid management system.

SIMPLE HYSTEROSCOPIC TISSUE REMOVAL

The TruClear™ system uses a tissue shaver device that is inserted through a hysteroscope to simultaneously cut and aspirate tissue.



Insert the hysteroscope into the uterus

Distend the uterus with saline

Locate intrauterine abnormality

Place shaver against the pathology — the TruClear™ device will simultaneously aspirate and cut tissue

Remove the shaver and hysteroscope from the uterus

GET A CLEAR ADVANTAGE IN YOUR PROCEDURES

To learn more about the TruClear™ system, contact your local sales representative.

Ordering Information

Part #	Product Description	Units
	TruClear™ Hysteroscopic Tissue Removal System	System includes:
7209808	TruClear™ Control Unit	1
7209820	TruClear™ Footswitch	1
7209807	TruClear™ Handpiece	1
72204878	TruClear™ Elite Hysteroscope Mini	1
72204879	TruClear™ Elite Hysteroscope Plus	1
	HysteroLux™ Fluid Management System	System includes:
72205000	Fluid Management System, Control Unit	1
72205001	Fluid Management System, Scale	1
72205029	Vacuum Regulator	1
72205002	Country Kit, U.S./Canada, Power Cord and Manual (EN, FR, DE, ES, PT)	1

Part #	Product Description	Units
Disposable Products		
Tissue Shaver Devices		
72203012	TruClear™ Dense Tissue Shaver Plus	1
72204064	TruClear™ Dense Tissue Shaver Mini	1
7209509	TruClear™ Soft Tissue Shaver Plus	1
72202536	TruClear™ Soft Tissue Shaver Mini	1
Fluid Management Disposables		
72205015	Hysteroscopic Procedure Kit	1
72205027	HysteroLux™ Vacuum Tube Set	Box of 10
72205028	HysteroLux™ Inflow Tube Set	Box of 10
7209823	HysteroLux™ Outflow Tube Set	Box of 5
7209824	Suction Canister Accessory Kit	1
72200024	3000 cc Hi-Flow Canisters	Box of 36
Other		
72203004	Gynecology Instrument Tray	1
72205051	TruClear™ Elite Hysteroscope Seals	Box of 5

TruClear™ system is a Medtronic product. Product packaging and labeling reflect Covidien. Covidien is a subsidiary of Medtronic.

1. Emanuel MH, Womstaker K. A new hysteroscopic operating technique to remove intrauterine polyps and myomas. *J Minim Invasive Gynecol.* 2005; 12(1):62–66.
2. Smith PP, Middleton LJ, Connor M, Clark TJ. Hysteroscopic morcellation compared with electrical resection of endometrial polyps. *Obstet Gynecol.* 2014;123(4):745–751. doi: 10.1097/AOG.0000000000000187
3. HysteroLux™ Fluid Management System Instructions for Use. New Haven, CT: Medtronic; 2017.

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