

Medtronic

Better treatment is possible. And it's here.

Treatment
with direct
visualization
should be
the norm

Reproductive healthcare presents uniquely complex and sensitive health issues. And managing miscarriage and retained products of conception (RPOC) requires effective and efficient treatment.

Hysteroscopic tissue removal is an effective treatment to remove retained products of conception (RPOC)².

Up to 30% of patients develop post-operative intrauterine adhesions following blind dilation and curettage.² See why hysteroscopic tissue removal with complete visualization using the TruClear™ system could become your preferred technique for treating RPOC.

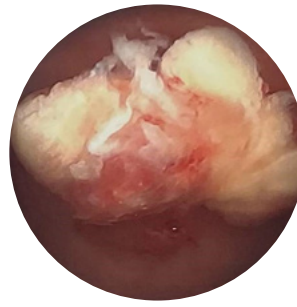
When it comes to managing pregnancy loss, the TruClear™ system enables you to:

- Treat under visualization to maintain the integrity of the uterus.¹
- Minimize endometrial damage by enabling complete removal of RPOC – demonstrated in over 94% of patients in a retrospective study.¹
- Empower patients with treatment options.

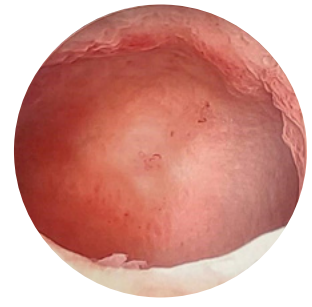


TruClear™
Hysteroscopic tissue removal system

TruClear™ system, a strong choice for miscarriage management



Before
Uterine cavity with retained products of conception from an early pregnancy loss.



After
Uterine cavity after retained products of conception evacuation using the TruClear™ system.

Starts with a clear way to remove tissue

Retained products of conception evacuation

The TruClear™ system:

- Minimizes endometrial damage by evacuating RPOC under direct visualization.¹
- Captures tissue for histological confirmation.
- Potentially reduces the need for additional procedures as the system has demonstrated complete removal in over 94% of patients.³



TruClear™
Hysteroscopic tissue removal system

Minimal adhesions

3%

Of patients experienced post-operative adhesions with the TruClear™ system.¹

Complete tissue removal

94%

Of patients achieved complete removal of RPOC with the TruClear™ system.⁴

High live birth rates

88.9%

Live birth rate for patients, in a clinical study, following RPOC evacuation with the TruClear™ system.⁵

Short procedures

40%

Faster RPOC evacuation with the TruClear™ system vs. cold loop resection.⁴

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

Clear operative field⁶

The TruClear™ system:

- Minimizes tissue floating within the uterine cavity.⁶
- Helps maintain a clear operative field with continuous flow and suction.⁶

Gentle resection^{1,7,8}

The TruClear™ system:

- Preserves the uterus through localized treatment while removing tissue.¹
- Eliminates risk of energy discharge induced scarring and gas embolism due to mechanical design.⁷
- Minimizes fluid use through proprietary suction control technology.⁸

Efficient procedure⁷

The TruClear™ system:

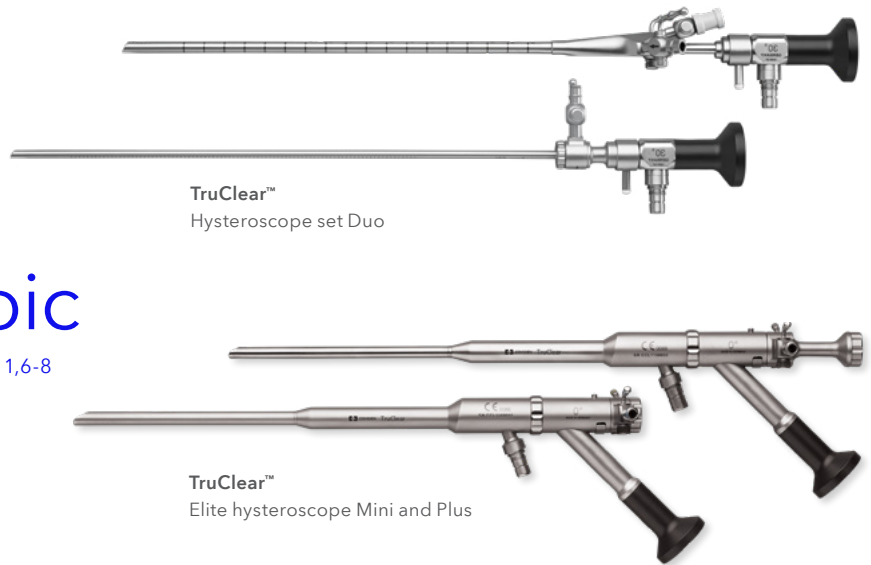
- Delivers simultaneous cutting and tissue removal, requiring only a single insertion.⁷
- Provides fewer procedural steps due to single insertion.⁷

Targeted pathology removal^{1,3}

The TruClear™ system:

- Allows for efficient cut and capture with direct visualization.¹
- Enables evaluation of the entire pathology due to tissue capture.³

Bring clarity, precision, and efficiency to hysteroscopic tissue removal^{1,6-8}



TruClear™ 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 with TruClear™ Elite hysteroscopes and TruClear™ hysteroscope set Duo.
- Continuous inflow and outflow.
- A long working channel for access to the entire uterus – including the cornua and fundal wall.
- Evaluate the uterine cavity with a 4 mm diagnostic sheath and the TruClear™ hysteroscope Duo.

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.⁹

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



TruClear™
Soft tissue shaver Mini



TruClear™
Soft tissue shaver Plus



TruClear™
Dense tissue shaver Mini



TruClear™
Dense tissue shaver Plus

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 pressure¹⁰



HysteroLux™
Fluid management system

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.¹⁰
- 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 accuracy.³
- 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.

Ordering information

Product description	Part #	Units
TruClear™ Operative hysteroscope 5C	72204752	1
TruClear™ Sheath 5C	72204753	1
TruClear™ Calibration insert 2.9	72203506	1
TruClear™ Elite hysteroscope Mini	72204878	1
TruClear™ Elite hysteroscope Plus	72204879	1
TruClear™ Hysteroscope Duo	8300057945	1
TruClear™ Diagnostic sheath Duo	8300057946	1
TruClear™ Operative sheath Duo	8300057947	1
TruClear™ Hysteroscopic tissue removal system	System includes	
TruClear™ Control unit	7209808	1
TruClear™ Footswitch	7209820	1
TruClear™ Handpiece	7209807	1
HysteroLux™ Fluid management system	System includes	
Fluid management system, Control unit	72205000	1
Fluid management System, Scale	72205001	1
Vacuum regulator	72205041	1
Country kits - Power cord and instructions for use		
UK - EN	72205003	1
Western Europe - EN, FR, NL, DE	72205004	1
Mediterranean - EN, PT, ES, IT, EL, TR	72205005	1
Nordics - EN, SV, DA, FI, NO	72205008	1
Disposable products		
Tissue shaver devices		
TruClear™ Dense tissue shaver Plus	72203012	1
TruClear™ Dense tissue shaver Mini	72204064	1
TruClear™ Soft tissue shaver Plus	7209509	1
TruClear™ Soft tissue shaver Mini	72202536	1
Fluid management disposables		
Hysteroscopic procedure kit	72205015	1
HysteroLux™ Vacuum tube set	72205027	Box of 10
HysteroLux™ Inflow tube set	72205028	Box of 10
HysteroLux™ Outflow tube set	7209823	Box of 5
Suction canister accessory kit: four jumper tubes and one tissue trap	7209824	1
Suction canister accessory kit: one jumper tube and one tissue trap	72203257	1
3000 cc Hi-Flow canisters	72200024	Box of 36
Other		
Gynecology instrument tray	72203004	1
TruClear™ Elite hysteroscope seals	72205051	Box of 5



Scan the QR code and discover more about TruClear™ hysteroscopic tissue removal system.

References

- † Compared to our legacy fluid management system.
- Hamerlynck T, Blikkendaal M, Schoot B, Hanstede M, Jansen F. An alternative approach for removal of placental remnants: hysteroscopic morcellation. *J Minim Invasive Gynecol.* 2013;20(6):796-802.
 - Hooker A, Aydin H, Brohlmann H, and Huirne J. Long-term complications and reproductive outcome after the management of retained products of conception: a systematic review. *Fertil Steril.* 2016;105(1):156-164.
 - Emanuel MH, Womstaker K. A new hysteroscopic operating technique to remove intrauterine polyps and myomas. *J Minim Invasive Gynecol.* 2005; 12(1):62-66.
 - Hamerlynck TW, van Vliet HA, Beerens AS, Weyers S, Schoot BC. Hysteroscopic morcellation versus loop resection for removal of placental remnants: A randomized trial. *J Minim Invasive Gynecol.* 2016 Nov-Dec;23(7):1172-1180.
 - van Wessel S, Coryn N, van Vliet H, Schoot B, Weyers S, Hamerlynck T. Reproductive and obstetric outcomes after hysteroscopic removal of retained products of conception. *J Minim Invasive Gynecol.* 2020 May-Jun;27(4):840-846.
 - Internal test report RE00192361 Dynamite Hysteroscope Evaluation Testing Report, 29 March 2019.
 - Smith P, Middleton L, Connor M, Clark T. Hysteroscopic morcellation compared with electrical resection of endometrial polyps. *Obstet Gynecol.* 2014;123(4):745-751.
 - Smith and Nephew. TruClear™ Hysteroscopic Morcellator Operations/Service Manual.
 - Internal test report RE00440188 Rev Duo Insertion Claim Test Report, 26 January 2023.
 - HysteroLux™ Fluid Management System (instructions for use). New Haven, CT: Medtronic; 2018

As with all operative hysteroscopy, adverse effects include but are not limited to intravasation, exposure to body fluids, electric shock, and uterine perforation.

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Important: Please refer to the package insert for complete instructions, contraindications, warnings and precautions.

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