

Solutions for Laparoscopic Power Morcellation

A.M.I.[®]
Agency for Medical Innovations

Who we are

Less pain and discomfort as well as higher safety for the patients, through innovative surgical techniques in the fields of Coloproctology, Urology and Urogynecology: As a leading-edge technology company, A.M.I. Agency for Medical Innovations GmbH develops and manufactures high-quality medical products for surgeons and hospitals around the world.

To assure the highest standards, our team collaborates with internationally recognized experts and surgeons. In this way, we will continue significant progress in the field of minimally-invasive surgery.

Innovative solutions for improved quality of life.





Precision from Austria

Made in Europe.

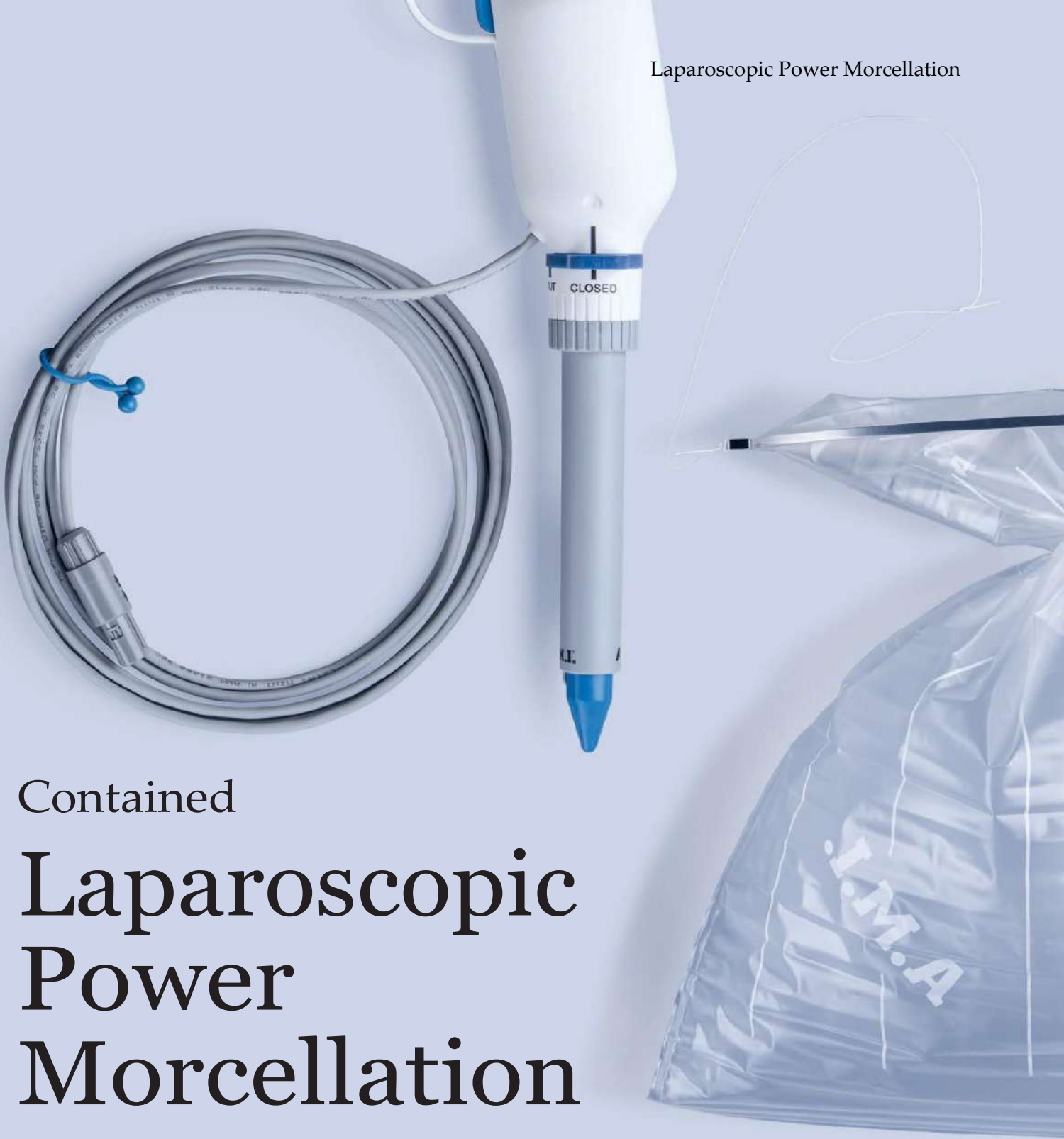


Our company

- Leading manufacturer of medical technology with headquarter in Austria/Europe
- Over 20 years of experience in the fields of Coloproctology, Urogynecology and Urology
- High quality manufacturing in Europe
- Subsidiaries in Germany, Norway, Sweden, France and USA
- Worldwide distribution network
- Development and manufacturing partner for medical technology companies with core competencies in precision mechanics as well as plastics and silicone processing.

Our vision

- Innovative product development for pain-reducing, minimally-invasive surgery methods
- Meeting the highest quality requirements of surgeons and hospitals
- Constant optimization of all processes related to development, production and service
- Constructive exchange and consultation of users through our specially trained on site sales team
- Creating and implementing innovative ideas through close cooperation with experts, surgeons, technicians & scientists.



Contained

Laparoscopic Power Morcellation

Laparoscopic power morcellation is a minimally-invasive surgery for myomectomy and hysterectomy. Tissue morcellation during laparoscopic hysterectomy carries the risk of spreading cells from unsuspected malignancy. Contained morcellation inside a bag is supposed to minimize this risk.³¹

Overview

Contained Laparoscopic Power Morcellation

	Surgical approach	
	Laprascopic Power Morcellation	Contained Laparoscopic Power Morcellation
	i-Cut	More-Cell-Safe
		
A.M.I. Solution	i-Cut is an ergonomic and efficient power morcellator	More-Cell-Safe is a cell-tight bag, which significantly reduces the risk of unexpected cancer cell scatter
Indication	The i-Cut is indicated for morcellating and extracting tissue in laparoscopic, gynecologic surgical procedures	More-Cell-Safe is indicated for laparoscopic endoscopic tissue morcellation in Gynecology

Contained Laparoscopic
Power Morcellation

i-Cut Single-use laparoscopic morcellator.

i-Cut is a single-use laparoscopic morcellator for gynecological use with reliable high cutting performance. The i-Cut consists of a rotating cutting tube with a trocar that serves as protection against the cutting blade when locked in the "CLOSED" position. Usage with a standard grasper or tenaculum forceps of 10 mm - 14 mm diameter.



Surgery video

Technical data:

Speed:	1000 rpm
Diameter:	15 mm
Shaft length:	100 mm
Weight: approx.	400 g
Power:	24 V DC, 160 W

Facts

User friendly:

- Ergonomically shaped handpiece
- Plug-and-play: easy setup and handling in the OR
- Usability: Activation button at handpiece

Powerful:

- Reliable high cutting performance due to constant power supply
- Large cutting tube diameter
- Extracting large tissue masses in LASH and myomectomy

Safe:

- Multi-stage safety concept to protect the blade: locking clip and a closed position to prevent unintentional exposure of the cutting blade
- Double trocar sealing system prevents gas loss

Economical:

- Time and cost efficient one-step solution
- Fast operating time
- No preparation costs for sterilization, maintenance and service
- Low operating costs

Benefits

- A lightweight and easy handle power morcellator
- Combined use with the A.M.I. More-Cell-Safe increases safety during morcellation
- No injury or harm to the patient during intraoperative insertion of the device due to a multi-stage safety concept



Contained Laparoscopic
Power Morcellation

More-Cell-Safe Tissue containment system.

More-Cell-Safe is the first solution available on the market that significantly reduces the risk of unexpected cancer cell scatter during laparoscopic morcellation. Small pieces of tissue, cell particles and fluids, resulting from morcellation, are isolated in a closed, cell-safe system. In combination with the powerful i-Cut, safety during surgery is further increased.

Facts

- Elastic, cell- and fluid tight material, which can be insufflated with CO₂
- Transparent bag allows clear visualisation of surrounding tissue during the procedure
- Dual opening design allows separate insertion of morcellator and optic
- Visi-Shield is a special sleeve used to protect the optic from contamination. After removal, the non-contaminated optic can be used for the remaining operation
- Suitable for use with the A.M.I. i-Cut morcellator and other types of power morcellators

Benefits ^{31, 32, 33}

- Safe minimal-access surgery which is feasible even for very large uteri (up to 1400 g)
- Minimizes the risk of inadvertent tissue dissemination
- Very low risk of intraoperative complications

Indication

More-Cell-Safe is indicated for laparoscopic endoscopic tissue morcellation in Gynecology.



Animation

video

References Contained Laparoscopic Power Morcellation

1. Rimbach et al. (2017)
In-Bag Morcellation as a Routine for Laparoscopic Hysterectomy
2. Rimbach et al. (2016)
First clinical experiences using a new in-bag morcellation system during laparoscopic hysterectomy
3. Lambat Emery et al. (2019)
Cell Spillage after Contained Electromechanical Morcellation Using a Specially Designed In-Bag System for Laparoscopic Myomectomy: Prospective Cohort Pilot Study

Overview

Contained Laparoscopic Power Morcellation

Laparoscopic power morcellation
Containment bag system for power morcellation

Order Code		Product description	Included in delivery
ICT5011		i-Cut Single-use laparoscopic morcellation device.	1 box, delivered sterile: 1 x i-Cut incl. obturator
ICT5020		i-Cut Power Supply Typ C – Euro Reusable power supply unit for i-Cut ICT5011 Additionally available: ICT5030 i-Cut Power Supply Type G ICT5040 i-Cut Power Supply Type I ICT5050 i-Cut Power Supply Type A ICT5060 i-Cut Power Supply Type C - Korea	1 box, delivered non-sterile: 1 x i-Cut Power Supply (ICT5010) 1 x Country specific adapter (power cord)

Accessories

MCS5111		More-Cell-Safe 0° System for reduction of cancer cell spillage during power morcellation in laparoscopic surgery. Including Visi-Shield for 0° optics to prevent camera contamination.	1 box, delivered sterile: 10 x More-Cell-Bag 10 x Visi-Shield 0°
MCS5151		More-Cell-Safe 30° System for reduction of cancer cell spillage during power morcellation in laparoscopic surgery. Including Visi-Shield for 30° optics to prevent camera contamination.	1 box, delivered sterile: 10 x More-Cell-Bag 10 x Visi-Shield 30°



The products contained in this brochure meet the requirements of the Medical Device Directive 93/42/EEC and are accordingly marked with the CE mark: IST1010, IST1040, TVA5030, TVA5040, TOA5130, TOA5170, TOA5140, TOA5180, IGY-BAR



The products contained in this brochure meet the requirements of REGULATION (EU) 2017/745 and are labelled with the CE mark accordingly: ECA1020, ECA1030, ECA1040, ECA1110, ICT5010, IST1020, IST1050, IST1060



The products contained in this brochure meet the requirements of the Medical Device Directive 93/42/EEC and are accordingly marked with the CE mark: BSC5001, IGY5961, IGY5951, IGY5561, IGY5551, IGY5981, IGY5971, IGY5581, IGY5571, IGY5921, IST1011, IST1031, IST1021, IST1051, PFR5641, PFR5651, PFR5681, PFR5731, PFR5711, PFR5721, ESI1510, ESI1520, ESI1530, ESI1310, ESI1320, EIR1510, EIR1520, EIR1530, EIR1310, EIR1320, EAS1510, EAS1520, EAS1530, EAS1310, EAS1320, ESH1510, ESH1520, ESH1530, ESH1310, ESH1320, ESI1131, ESI1151, ESI1120, ECI1031, ECI1020, EDI1031, EDI1020, EDI1051, EVI1011, ESM1011, EDM1011, ECM1011, PFR5021, TVA5021, TOA5121, SUI5011, SUI5021, ICT5011, MCS5111, MCS5151

The product More-Cell-Safe is approved in the USA under the name More-Cell-System.510(k) number: K192898

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