



The choice is Krystal clear



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Why Krystal?

For more than 35 years, EDM Imaging has been the trusted partner of healthcare providers for all their medical imaging needs.

EDM is proud to introduce its Krystal product line to reinforce its commitment to **quality, safety, and affordability**. Krystal provides high-quality, cost-effective solutions in the fight against cross-contamination and **improves clinical outcomes** by maximizing the protection available for both patients and healthcare professionals during procedures.

Krystal protects your patients, your staff and your finances

Patient safety



Quality

Krystal products are FDA and CE approved, and they are used by thousands of physicians across the globe.

Through our unique solution-focused approach, the Krystal product line is the go-to for physicians and healthcare staff looking to provide high-quality treatment while maximizing patient care.

Clinical outcomes



Safety

Our products have been designed to ensure patients and medical staff are protected from cross-contamination and healthcare-associated infections.

Krystal products are free from harmful components such as parabens or phthalates.

Financial sustainability



Cost

We understand that elevating patient care begins with providing affordable treatment that is safe and effective.

Practitioners shouldn't be forced to forgo quality for price, or patient safety for the bottom line. That's why we created Krystal – high-quality ultrasound care solutions at market-leading prices.



HAI's are a major contributing factor of disease in industrialized countries and are responsible for significant morbidity & mortality.*

HAI's in the USA

2,000,000

Patients will contract HAI's annually



90,000

die annually



Potential
Reduction

70%

Selected* HAI's

Studies have shown that the risk of HAI's can decrease as much as 70% with the right infection prevention measures

Cost of HAI's in the USA

\$ 28 to 45 billion

Direct cost of HAI's to hospitals



RISK FACTORS

- Catheters (bloodstream, endotracheal and urinary)
- Surgery
- Injections
- Health care settings that aren't properly cleaned and disinfected
- Communicable diseases passing between patients and healthcare workers
- Overuse or improper use of antibiotics

COMMON HAIS

- CLABSI (central line-associated blood stream infections)
- CAUTI (catheter-associated urinary tract infections)
- MRSA (Methicillin-resistant staphylococcus aureus)
- C Diff (clostridium difficile)
- SSI (surgical site infections)

Ultrasound probe covers

“ Barriers used for internal and interventional percutaneous procedures **must be single-use transducer covers** that meet the sterility requirements of the procedure.¹ ”

“ Transducer sheaths cannot be interchanged with items that have not been approved for barrier use (e.g., transparent IV dressings) and are intended to be used during procedures to protect the transducer from body fluids.² ”

SPAULDING Classification	Critical	Semi-Critical	Non-Critical
Description	Enters or contacts sterile tissue or vascular system or bloodstream	Contacts mucous membranes of non-intact skin	Contacts intact skin
Example in ultrasound	CVC insertion, biopsy, surgery	Endocavity ultrasound, scan across non-intact skin	Scan across intact skin, skin is not penetrated
Gel	Sterile, single-use packet	Sterile, single-use packet	Non-sterile multiuse or non-sterile single-use (recommended)
Probe Cover	Yes, sterile	Yes, sterile (recommended) or non-sterile (required)	Not required

¹AIUM, Guidelines for Cleaning and Preparing External- and Internal-Use Ultrasound Transducers and Equipment Between Patients

²The Joint Commission, Best Practices in Reprocessing Surface Ultrasound Transducers in Ambulatory Care Settings.



Krystal ultrasound probe covers are FDA and CE-approved and are designed to work as a **physical barrier between the patient and the transducer** to limit cross-contamination. They are available in latex-free materials such as polyurethane and polyethylene.

Krystal probe covers are made according to EDM's quality standards. Standards used for 30 years in the USA, Europe and beyond.



Easy to use

- Telescopic fold for easy application and quick 1 or 2-person setup
- Procedure kit contains: 1 transducer cover, 1 sterile wrap, 1 20ml sterile gel packet, 2 elastic bands, 2 adhesive bands



CDC & FDA compliant

- FDA approved as a physical barrier for ultrasound applications and intended to be used to protect the transducer from bodily fluids
- Traceable medical device labeling



Cost effectiveness

- Efficient solutions to protect the patient & the transducer at the right price



Sterile, latex-free procedure kits

Polyurethane kits

Polyurethane general purpose sheathes are soft yet stretchable and tear-resistant. They are Krystal's high-end covers, comfortable and safe for the patient and medical staff.

Features

- Strength** ★★★★★
- Stretch** ★★★★★
- Comfort** ★★★★★
- Price** ★★★☆☆



Reference number	Description	Material	Size	Quantity
101.0037	Sterile probe cover kit	Polyurethane	5.5" x 12"	25 / box
101.0050	Sterile probe cover kit	Polyurethane	5.5" x 24"	25 / box
101.0038	Sterile probe cover kit	Polyurethane	5.5" x 36"	25 / box
101.0039	Sterile probe cover kit	Polyurethane	5.5" x 48"	25 / box
101.0051	Sterile probe cover kit	Polyurethane	5.5" x 60"	25 / box
101.0049	Sterile probe cover kit	Polyurethane	5.5" x 96"	25 / box
101.0056	Sterile probe cover kit w/ insert box	Polyurethane	5.5" x 24"	24 / box
101.0057	Sterile probe cover kit w/ insert box	Polyurethane	5.5" x 48"	24 / box





Polyethylene kits

Krystal polyethylene kits and probe covers are the cost-effective solution to maintain a sterile environment during ultrasound procedures.

Tear-resistant, they allow optimal patient and practitioner protection.

Polyethylene covers are a cost-effective alternative for everyday procedures.

Features

- Strength** ★★★★★
- Stretch** ★★★☆☆
- Comfort** ★★★★☆
- Price** ★★★★★

Reference number	Description	Material	Size	Quantity
101.0042	Sterile probe cover kit	Polyethylene	5.5" x 12"	25 / box
101.0046	Sterile probe cover kit	Polyethylene	5.5" x 32"	25 / box
101.0047	Sterile probe cover kit	Polyethylene	5.5" x 48"	25 / box
101.0048	Sterile probe cover kit	Polyethylene	5.5" x 96"	25 / box
101.0058	Sterile probe cover kit w/ insert box	Polyethylene	5.5" x 48"	25 / box



Sterile probe covers

Sterile general purpose probe covers Polyethylene



Reference number	Description	Material	Size	Quantity
101.0043	Sterile probe cover	Polyethylene	7" x 12"	100 / box
101.0044	Sterile probe cover	Polyethylene	7" x 32"	100 / box
101.0045	Sterile probe cover	Polyethylene	7" x 48"	50 / box



Sterile TEE probe cover kit Polyurethane

The TEE probe cover kit contains:

- 1 TEE transducer cover
- 1 sterile wrap
- 1 bite block
- 1 bite block elastic band
- 1 Transmission gel and applicator



Endocavity probe covers Latex

Latex Krystal covers are the budget-friendly solution for everyday endocavity examinations.

From gynecology to urology, Krystal latex covers are designed to efficiently protect patients, staff, and equipment from cross-contamination. Made with high-quality latex, Krystal covers are stretchable, tear-resistant and can accommodate probes of different sizes and shapes. They eliminate the risk of microbial contamination from bodily fluids, thereby facilitating the cleaning and disinfection process.



Reference number	Description	Material	Size	Quantity
101.0059	TEE probe cover kit	Polyurethane	1.8"/1" x 48"	12 / box

Reference number	Description	Material	Size	Quantity
102.0035	Sterile probe cover	Latex	1.5" x 7.9"	100 / box
102.0027	Non-sterile bulk probe cover	Latex	1.5" x 7.9"	100 / box



Optimal quality, Krystal clear results

High-quality images, patient safety, and cost-effectiveness are the main ingredients of the Krystal ultrasound gel. The sterile and non-sterile versions are tested and approved for all transducer types and brands.



The high-viscosity formula and bubble-free manufacturing process guarantees an optimal ultrasonic signal transmission



99% natural ingredients, dye-free, fragrance-free, and paraben-free



Water-based, hypoallergenic, and non-staining



Krystal is tested and approved for all types of ultrasound transducers and all major ultrasound manufacturers



Available in 20ml packets, 250ml bottles, and 5 liter packs

Sterile ultrasound gel



Ideal for a wide variety of procedures:

- Transrectal or transvaginal examinations
- Examinations with risk of contact with blood or other bodily fluids
- Invasive procedures (vascular access, biopsy, anesthesiology)
- Non-intact skin or recent surgery

The sterile version will prevent the risk of cross-contamination and will keep your patients safe during ultrasound-guided interventions. The double wrap packaging allows healthcare professionals to easily maintain the sterile field. Individually wrapped in 20 ml packets, Krystal gel is easy to use, easy to apply and easy to clean up.

Reference number	Description	Sterile	Quantity
402.0003	20 ml packet	Yes	12 / box



Non-sterile ultrasound gel

Krystal non-sterile gel is similar to its sterile counterpart: non-staining, safe for all transducers, and hypoallergenic.

Reference number	Description	Sterile	Quantity
401.0015	250 ml Bottle (8.5 oz)	No	40 / box
401.0016	5 l pack	No	Unit



Equipment drapes



Surgical site infections (SSIs) are defined by the Centers for Disease Control and Prevention (CDC) as infections related to an operative procedure that occurs at or near the surgical incision within 30 days of the procedure.

It is among the most common preventable complication after surgery. SSIs occur in 2% to 4% of all patients undergoing inpatient surgical procedures. Although SSIs are less common following ambulatory surgeries than after inpatient procedures, they are a frequent source of morbidity in these patients as well. They are the leading cause of readmissions to the hospital following surgery, and approximately 3% of patients who contract an SSI will die as a consequence.

According to the AORN (Association of periOperative Registered Nurses), any non-sterile piece of equipment that will be brought into the sterile field must be draped in order to isolate it from the patient and the surgical site. This includes the C-arm, surgical microscope, ultrasound equipment, the handles that control the lights and any other equipment that hasn't been sterilized.

Krystal equipment drapes act as a sterile physical barrier to protect patients and devices from cross-contamination in the operating room or cath lab.

Krystal drapes are designed to protect various pieces of equipment in the operating room or cath lab: c-arm, camera, endoscope, and light handle. The Krystal product line was built around the concepts of patient safety and equipment protection. However, our aim for the highest quality didn't affect our cost-efficient pricing structure.

Circular Dome Bags

Reference number	Description	Sterile	Size	Quantity
109.0001	Polyethylene dome bag	Yes	35" x 18"	100 / box
109.0002	Polyethylene dome bag	Yes	40" x 20"	100 / box
109.0003	Polyethylene dome bag	Yes	48" x 24"	100 / box
109.0004	Polyethylene dome bag	Yes	52" x 26"	100 / box

Rectangular Banded Bags

Reference number	Description	Sterile	Size	Quantity
110.0001	Polyethylene rectangular banded bag	Yes	32" x 40"	100/box
110.0002	Polyethylene rectangular banded bag	Yes	35" x 60"	85/box
110.0003	Polyethylene rectangular banded bag	Yes	40" x 48"	90/box
110.0004	Polyethylene rectangular banded bag	Yes	48" x 40"	90/box
110.0005	Polyethylene rectangular banded bag	Yes	32" x 63"	100/box
110.0006	Polyethylene rectangular banded bag	Yes	48" x 48"	100/box

Fluoroscane drape

Reference number	Description	Sterile	Size	Quantity
107.0024	Cable cover - Polyethylene	Yes	3" x 78"	100/box
107.0025	Remote control cover - Polyethylene	Yes	4" x 11"	50/box



Endoscope covers



According to the AORN, contaminated flexible endoscopes and accessories should be transported to the endoscopy processing room as soon as possible after use. Contaminated endoscopes and accessories must be transported to the decontamination area in a closed container or closed transport cart. The container or cart must be leak proof, puncture resistant, and large enough to contain all contents.

The container should be of sufficient size to accommodate the endoscope when the endoscope is coiled in large loops. The transport cart or container must be labeled with a fluorescent orange or orange-red label containing a biohazard legend. Flexible endoscopes should be transported in a horizontal position and not suspended.

After cleaning and disinfection, flexible endoscopes and endoscope accessories should be stored in a manner that minimizes contamination and protects the device or item from damage.

Source: https://apic.org/Resource/_TinyMceFileManager/Implementation_Guides/10_AORNGuidelineProcessingFlexibleEndoscopes.pdf



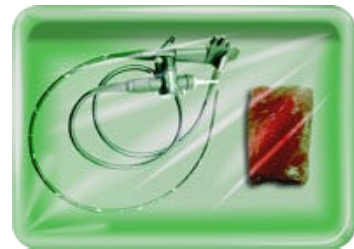
Transportation & short term storage



1 Clear liner drape to protect the transport tray.



2 The disinfected endoscope is placed in the tray, on the clear liner.



3 Place green drape to protect the disinfected endoscope from recontamination during transfer to the storage area.



4 Use biohazard red drape to seal off the contaminated endoscope for transportation to the reprocessing room.

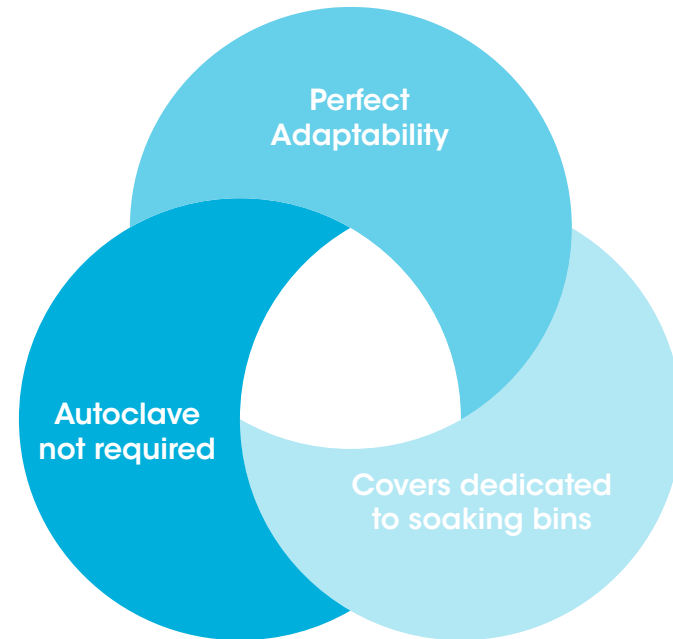


Soaking bin liners



Endoscope soaking bin liners

- Sterile polyethylene covers dedicated to soaking bins for collection, pre-disinfection and disinfection of soiled instruments
- Perfect adaptation to different soaking bins
- Real alternative to autoclaving



Reference number	Description	Material	Size	Quantity
107.0027	Endoscope soaking bin liner - 3.2 Gallons (12 L)	Polyethylene	43" X 22"	50 / box
107.0028	Endoscope soaking bin liner - 3.4 - 7.1 Gallons (13 - 27 L)	Polyethylene	51" X 26"	50 / box
107.0029	Endoscope soaking bin liner - 11 Gallons - (42 L)	Polyethylene	55" X 27"	50 / box
107.0030	Endoscope soaking bin liner - 3.2 Gallons (12 L)	Polyethylene	51" X 13"	50 / box



