

**KRYSTAL<sup>®</sup>**

Nosocomial Infection Prevention Solutions

The choice is Krystal clear



"We have created the Krystal brand by EDM, because it seems essential to us to be able to offer, to healthcare facilities and to all our customers, essential medical products at market-leading prices, without compromising on quality or patient safety."

**Charles El Koubi**  
CEO

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# The Krystal brand

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 to both patients and healthcare professionals during procedures.

## Krystal protects your patients, your staff and your finances

### Quality



Krystal products are FDA and CE approved, and they are used by thousands of physician 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.

### Safety



Our products have been designed to ensure that 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



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.

Healthcare-associated infections (HAIs) are a major contributing factor of disease in industrialized countries and are responsible for significant morbidity & mortality.\*

### HAIs in the USA

**2,000,000**

Patients will contract HAIs annually



**90,000**

die annually



Potential Reduction

**70%**

Selected\* HAIs

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

### Cost of HAIs in the USA

**\$ 28 to 45 billion**

Direct cost of HAIs 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)

\* <https://www.nejm.org/doi/full/10.1056/nejmoa061115>

# 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.<sup>1</sup> ”

“ 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.<sup>2</sup> ”

Spaulding Classification	Critical	Semi-Critical	Non-Critical
Description of the exam	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
What kind of gel	Sterile, single-use packet	Sterile, single-use packet	Non-sterile multiuse or non-sterile single-use (recommended)
Sterile Probe Cover	<b>Yes, sterile</b>	<b>Yes, sterile (recommended) or non-sterile (required)</b>	<b>Not required</b>

<sup>1</sup>AJUM, Guidelines for Cleaning and Preparing External- and Internal-Use Ultrasound Transducers and Equipment Between Patients

<sup>2</sup>The 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 35 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

# Percutaneous probe covers

## 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** ★ ★ ★ ☆ ☆



Ref	Description	Material	Size	Quantity
<b>PU1530WG</b>	Sterile probe cover kit with gel	Polyurethane	15 x 30 cm	25 / box
<b>PU1560WG</b>	Sterile probe cover kit with gel	Polyurethane	15 x 60 cm	25 / box
<b>PU1590WG</b>	Sterile probe cover kit with gel	Polyurethane	15 x 90 cm	25 / box
<b>PU15125WG</b>	Sterile probe cover kit with gel	Polyurethane	15 x 122 cm	25 / box
<b>PU15150WG</b>	Sterile probe cover kit with gel	Polyurethane	15 x 150 cm	25 / box
<b>PU15240WG</b>	Sterile probe cover kit with gel	Polyurethane	15 x 240 cm	25 / box





## Polyethylene kits & covers

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** ★ ★ ★ ★ ☆

Ref	Description	Material	Dimensions	Quantity
<b>YPE1530WG</b>	Sterile probe cover kit with gel	Polyethylene	15 x 30 cm	25 / box
<b>YPE1580WG</b>	Sterile probe cover kit with gel	Polyethylene	15 x 80 cm	25 / box
<b>YPE15125WG</b>	Sterile probe cover kit with gel	Polyethylene	15 x 125 cm	25 / box
<b>YPE15240WG</b>	Sterile probe cover kit with gel	Polyethylene	15 x 240 cm	25 / box

Ref	Description	Material	Size	Quantity
<b>YPE1830</b>	Sterile probe cover	Polyethylene	18 x 30 cm	100 / box
<b>YPE1880</b>	Sterile probe cover	Polyethylene	18 x 80 cm	100 / box
<b>YPE18125</b>	Sterile probe cover	Polyethylene	18 x 125 cm	50 / box
<b>124</b>	Sterile biopsy bag	Polyethylene	20 x 30 cm	100 / box

# Regional anaesthesia kits



non-contractual visuals

## Regional anaesthesia kits Polyurethane & latex

Our regional anaesthesia kits allow you to avoid the risk of cross-contamination during procedures. They are available in two versions, with a polyurethane cover or with a latex cover, to suit your needs and preferences.

Composed of 7 elements, they have gallipots of different colors to avoid any risk of confusion.

Ref	Description	Composition	Quantity
KITPU01	Regional anaesthesia sterile kit with a polyurethane cover	1 probe cover 15 x 125 cm 1 packet of gel 2 gallipots of 60 ml: 1 translucent and 1 red 1 sponge stick 1 syringe of 20 ml 5 compresses measuring 7.5 x 7.5 cm 1 absorbent towel measuring 90 x 75 cm 1 transparent tray	100 / box
KITLA01	Regional anaesthesia sterile kit with a latex cover	1 probe cover 3,5 x 20 cm 1 packet of gel 2 gallipots of 60 ml: 1 translucent and 1 red 1 sponge stick 1 syringe of 20 ml 5 compresses measuring 7.5 x 7.5 cm 1 absorbent towel measuring 90 x 75 cm 1 transparent tray	100 / box

# Endocavity probe covers

## Sterile TEE probe cover kit

### Polyurethane

The TEE probe cover kit contains:

- 1 TEE transducer cover
- 1 bite block
- 1 rubber strap
- 1 transmission gel and applicator



REF TEEPUKIT

## 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.



REF 600249.



REF 102.0027



REF YLA3520



Ref	Description	Material	Size	Quantity
TEEPUKIT	TEE probe cover kit	Polyurethane	3/1.6/100 cm	12 / box
Ref	Description	Material	Size	Quantity
600249.	Non-sterile probe cover - non lubricated	Latex	3.5 x 20 cm	144 / box
102.0027	Non-sterile probe cover - non lubricated	Latex	3.5 x 20 cm	100 / box
599249.	Non-sterile probe cover - lubricated	Latex	3.5 x 20 cm	144 / box
Ref	Description	Material	Size	Quantity
YLA3520	Sterile probe cover	Latex	3.5 x 20 cm	100 / box

# 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 complications 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.

# Patient Safety – Equipment Protection

## Fighting nosocomial infections is an ongoing challenge

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 is built around the concepts of patient safety and equipment protection. However, our aim for the highest quality doesn't affect our cost-efficient pricing structure.

### Circular Dome Bags

Ref	Description	Sterile	Size (Diam. x Length)	Quantity
<b>DB090045</b>	Polyethylene dome bag	Yes	90 x 45 cm	100 / box
<b>DB100050</b>	Polyethylene dome bag	Yes	100 x 50 cm	100 / box
<b>DB120060</b>	Polyethylene dome bag	Yes	120 x 60 cm	100 / box
<b>DB130065</b>	Polyethylene dome bag	Yes	130 x 65 cm	100 / box

### Rectangular Banded Bags

Ref	Description	Sterile	Size (Width x Length)	Quantity
<b>RB080100</b>	Polyethylene rectangular banded bag	Yes	80 x 100 cm	100 / box
<b>RB080160</b>	Polyethylene rectangular banded bag	Yes	80 x 160 cm	100 / box
<b>RB090140</b>	Polyethylene rectangular banded bag	Yes	90 x 140 cm	85 / box
<b>RB100120</b>	Polyethylene rectangular banded bag	Yes	100 x 120 cm	90 / box
<b>RB120100</b>	Polyethylene rectangular banded bag	Yes	120 x 100 cm	90 / box
<b>RB120120</b>	Polyethylene rectangular banded bag	Yes	120 x 120 cm	100 / box

### Fluoroscane drape

Ref	Description	Sterile	Size (Width x Length)	Quantity
<b>Y88-630</b>	Fluoroscane sterile drape	Yes	137 x 198 cm	40 / box



## Transport & storage covers for endoscopes



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 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](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 on the tray on the clear liner.



**3** Place green drape over the tray 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.

Ref	Material	Sterile	Description	Quantity
<b>ETC5242</b>	Polyethylene	Yes	Transportation & storage sterile drapes for endoscopes (3 drapes: clear, red, and green liner)	100 / box

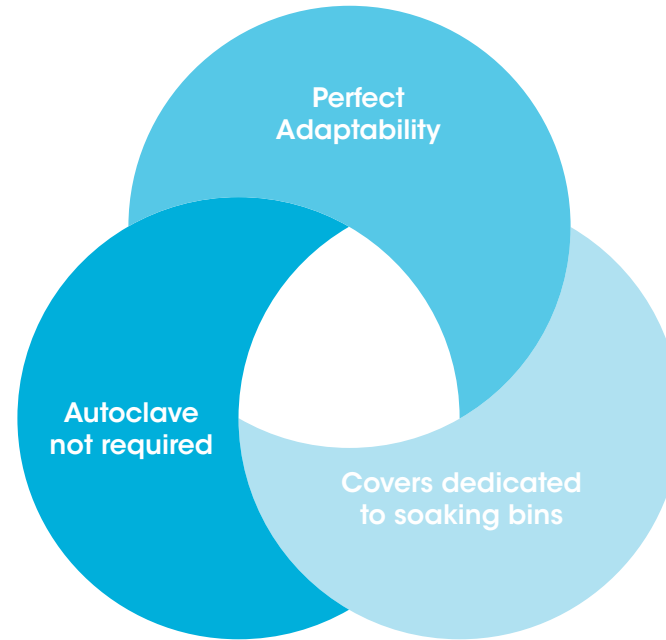
# Endoscope soaking bin liners





## Endoscope soaking bin liners

- Sterile polyethylene covers dedicated to soaking bins for collection, pre-disinfection, and disinfection of soiled instruments
- Adapts seamlessly to different soaking bins
- Ideal alternative to autoclaving



Ref	Description	Material	Size	Quantity
<b>Y80-005S</b>	Endoscope soaking bin liner - Capacity up to 12 L	Polyethylene	110 x 55 cm	50 / box
<b>Y80-004S</b>	Endoscope soaking bin liner - Capacity from 13 to 27 L	Polyethylene	130 x 65 cm	50 / box
<b>Y80-007S</b>	Endoscope soaking bin liner - Capacity up to 42 L	Polyethylene	140 x 70 cm	50 / box
<b>Y80-057S</b>	Endoscope soaking bin liner - Capacity 12 L	Polyethylene	130 x 32 cm	50 / box

Ultrasound gels



# 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, anaesthesiology)
- 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.

Ref	Description	Sterile	Quantity
<b>PC020</b>	Sterile ultrasound gel packet - 20 ml	Yes	48/box



## Non-sterile ultrasound gel

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

Ref	Description	Sterile	Quantity
<b>KG250/40</b>	Non-sterile ultrasound gel bottle - 250 ml	No	40/box
<b>KG5000</b>	Non-sterile ultrasound gel container - 5 L	No	Unit



[krystal.edm-imaging.com](http://krystal.edm-imaging.com)

