

THD diagnostic and surgical line

Innovation and practicality for the physician

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THD DIAGNOSTIC AND SURGICAL LINE

Innovation and practicality for the physician

The THD diagnostic and surgical line is a complete range of THD disposable devices for diagnosing and treating anorectal diseases. THD devices are ideal for the diagnosis and treatment of numerous proctological diseases, such as hemorrhoids, polyps, condylomas, fistulas, neoplastic lesions, fissures and other lesions of the anorectal region. The continuous technological research and the work by a specialized pool of physicians, researchers and designers make THD devices the most innovative and versatile answer to the needs of specialists, guaranteeing the highest standards of safety, handling and precision of use.



BENEFITS

PRACTICAL

The self-illuminating devices do not need to be connected to a light source, allowing it to be used in any environment.

SAFE

The self-illuminating products are disposable, preventing any possibility of cross-contamination.

COST-EFFECTIVE

The reduced preparation time between one patient and the next allows more visits to be performed during a clinical session.

SELF-ILLUMINATING ANOSCOPES

THD® Light-Scope ANO LED

THD® N-Ano

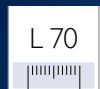
THD® N-Ano Maxi

The THD self-illuminating anoscopes are single-use devices for inspecting the anal canal that are made of medical grade polycarbonate with a powerful built-in LED light.

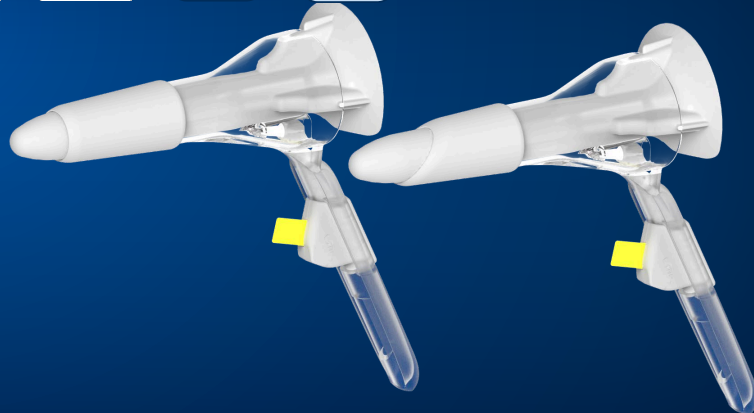
The LED is activated by simply pulling out a tab, giving a clear and detailed view of the inspection area.



THD® Light-Scope ANO LED



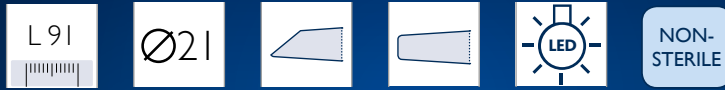
With its truncated and beveled variants, the **THD® Light-Scope ANO LED** anoscope provides the highest lighting quality of the THD range of anoscopes thanks to an opaque terminal.



STERILITY	TIP	LENGTH	OUTSIDE DIAM.	REF
STERILE	BEVELED	70 mm	25 mm	800113
STERILE	TRUNCATED	70 mm	25 mm	800112
NON-STERILE	BEVELED	70 mm	25 mm	800093
NON-STERILE	TRUNCATED	70 mm	25 mm	800092

SELF-ILLUMINATING ANOSCOPES

THD® N-ANO



The truncated and beveled terminal variants of the **THD® N-Ano** anoscope with LED light offer the best quality/price ratio of the THD range.



STERILITY	TIP	LENGTH	OUTSIDE DIAM.	REF
NON-STERILE	BEVELED	91 mm	21.7 mm	800134
NON-STERILE	TRUNCATED	91 mm	21.7 mm	800040

THD® N-ANO Maxi



The truncated and beveled terminal variants of the **THD® N-Ano Maxi** anoscope with LED light offer the best quality/price ratio of the THD range.

The **THD® N-Ano Maxi** has a larger diameter than the THD® N-Ano version.



STERILITY	TIP	LENGTH	OUTSIDE DIAM.	REF
NON-STERILE	BEVELED	91 mm	25.8 mm	800166
NON-STERILE	TRUNCATED	91 mm	25.8 mm	800165

SELF-ILLUMINATING RECTOSCOPES

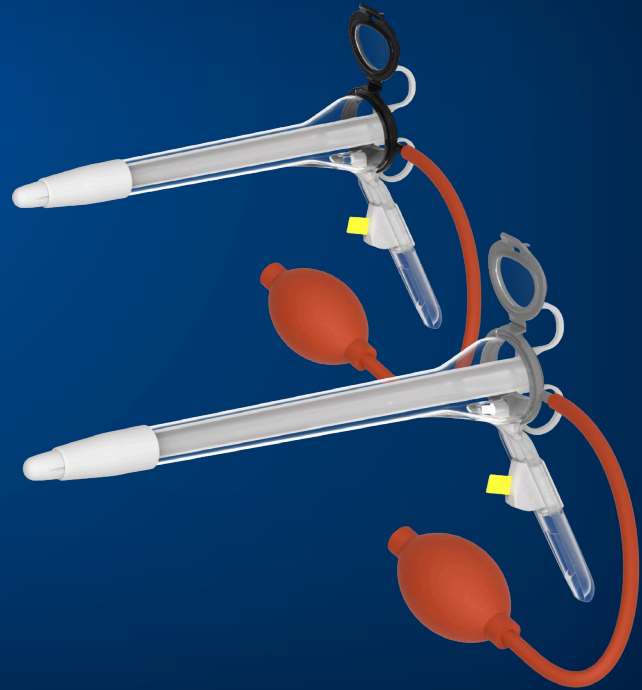
THD® Light-Scope Recto LED MINI & MAXI

The THD self-illuminating rectoscopes are single-use devices for inspecting the anorectal canal and the distal region of the sigmoid colon.

They are made of medical-grade polycarbonate and have a powerful built-in LED light.

The LED is activated by simply pulling out a tab, giving a clear and detailed view of the inspection area.

A magnifying lens magnifies the user's view of the inspected area by 4 times (4x).



THE THD SOLUTION

The sterile versions of the THD® Light-scope Recto LED rectoscopes are an effective solution for performing the "anastomosis air leak test" after an anorectal anastomosis.

The anastomosis air leak test needs to be performed at the end of resection surgery: this allows the surgeon to understand if the anastomosis is sealed or if another resection procedure is required.

The sterile version of the **THD® Light-Scope Recto LED** is recommended for use in the operating room, as it is pre-assembled and ready to use.



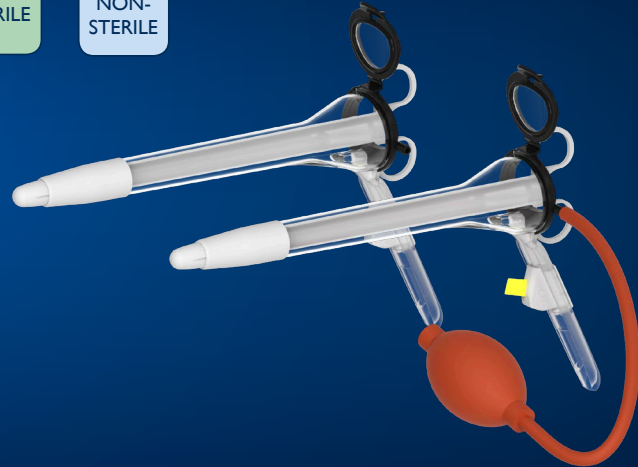
SELF-ILLUMINATING RECTOSCOPES

THD® Light-Scope Recto Mini LED



The THD® Light-Scope Recto Mini LED does not require preparation prior to use.

A 4x magnifying lens is included with each scope. An insufflation bulb is optional.



STERILITY	INSUFFLATION BULB	LENGTH	OUTSIDE DIAM.	REF
STERILE	YES	200 mm	23 mm	800119
NON-STERILE	YES	200 mm	23 mm	800100
NON-STERILE	NO	200 mm	23 mm	800098

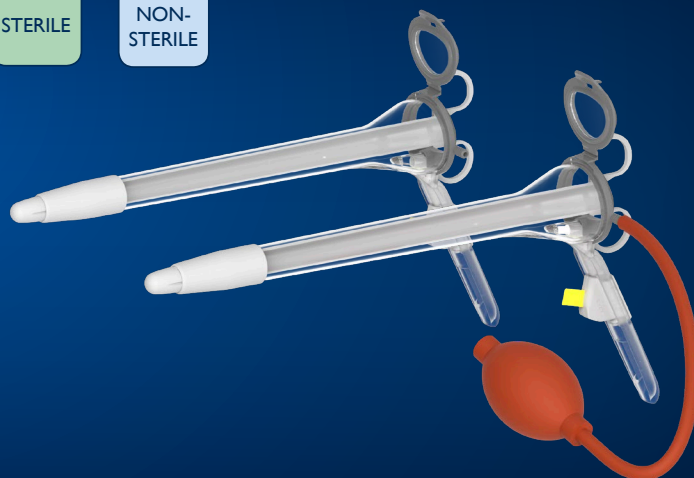
THD® Light-Scope Recto Maxi LED



The THD® Light-Scope Recto Maxi LED does not require preparation prior to use.

A 4x magnifying lens is included with each scope. An insufflation bulb is optional.

The THD® Lightscope Recto Maxi LED is longer than the Mini version.



STERILITY	INSUFFLATION BULB	LENGTH	OUTSIDE DIAM.	REF
STERILE	YES	250 mm	23 mm	800118
NON-STERILE	YES	250 mm	23 mm	800099
NON-STERILE	NO	250 mm	23 mm	800097

THD® SURGY

THD® Surgy

To aid the surgeon and to ensure patient safety, it is essential that the instruments used during transanal procedures are precise, manageable and ergonomic.

The THD surgical line offers THD® Surgy, the exclusive surgical retractor made of medical grade polycarbonate that is available in both Mini and Maxi versions.

THD® Surgy has a powerful built-in LED light that provides a clear and detailed view of the area being inspected and is activated by removing a pull tab.



THE THD SOLUTION

Anorectal surgical procedures have often been performed with **inadequate lighting** that has been accepted as a common limitation.

THD® Surgy provides intense light where it is needed, without annoying shadows or bright reflections from a metal retractor.

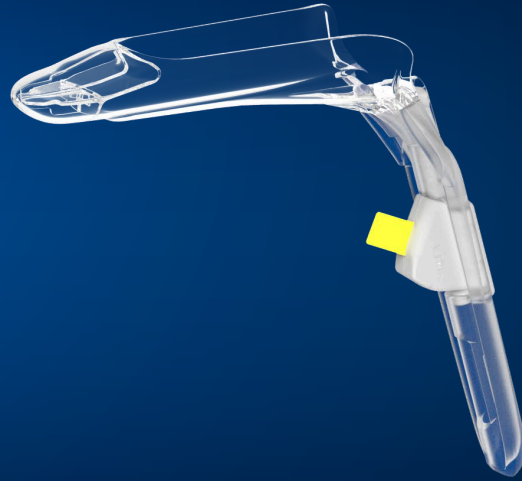
The ergonomics of using THD® Surgy are improved by the fact that there are no optical fiber cables and external light sources are not needed.

The materials used prevents any burns caused by accidental contact between the electrosurgical unit and a metal retractor.

This single-use system eliminates the risk of cross-contamination and the need for re-sterilization, which reduces the number of feasible procedures that can be performed.



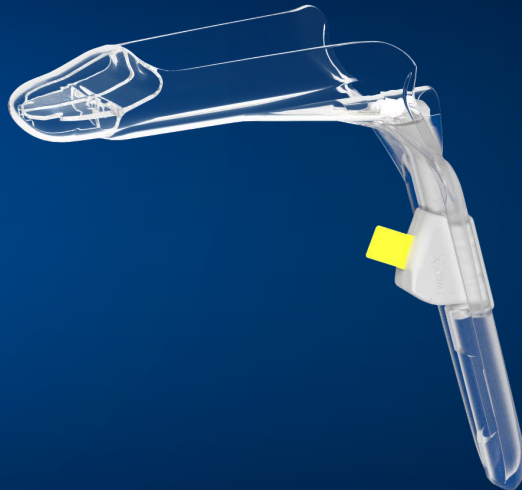
THD® Surgy Mini LED



The compact and asymmetrical design of the THD® Surgy Mini LED allows easy access to the anal canal without sphincter trauma, ensuring good dilation and an excellent view of the operating field. The THD® Surgy Mini LED is recommended for patients with a narrow anal canal.

STERILITY	LENGTH	OPERATING WINDOW	REF
STERILE	122 mm	23x85 mm	800124
NON-STERILE	122 mm	23x85 mm	800108

THD® Surgy Maxi LED



The compact and asymmetrical design of the THD® Surgy Maxi LED allows easy access to the anal canal without sphincter trauma, ensuring good dilation and an excellent view of the operating field. The THD® Surgy Maxi LED has a larger operating window allowing easier access.

STERILITY	LENGTH	OPERATING WINDOW	REF
STERILE	122 mm	28x85 mm	800125

THD® LIGHT-SCOPE PROCTO HRA

THD® Light-Scope Procto HRA

The THD® Light-Scope Procto HRA is a single-use device used for high resolution anoscopy exams where inspection of the anal canal and margin are not viewed directly, but by magnification through a high resolution camera.

The camera connection adapter allows easy connecting/disconnecting and is equipped with a guard to prevent contamination of the camera.



THE THD SOLUTION

Early diagnosis and prevention play a fundamental role in managing anal dysplasia which leads to anal cancer.

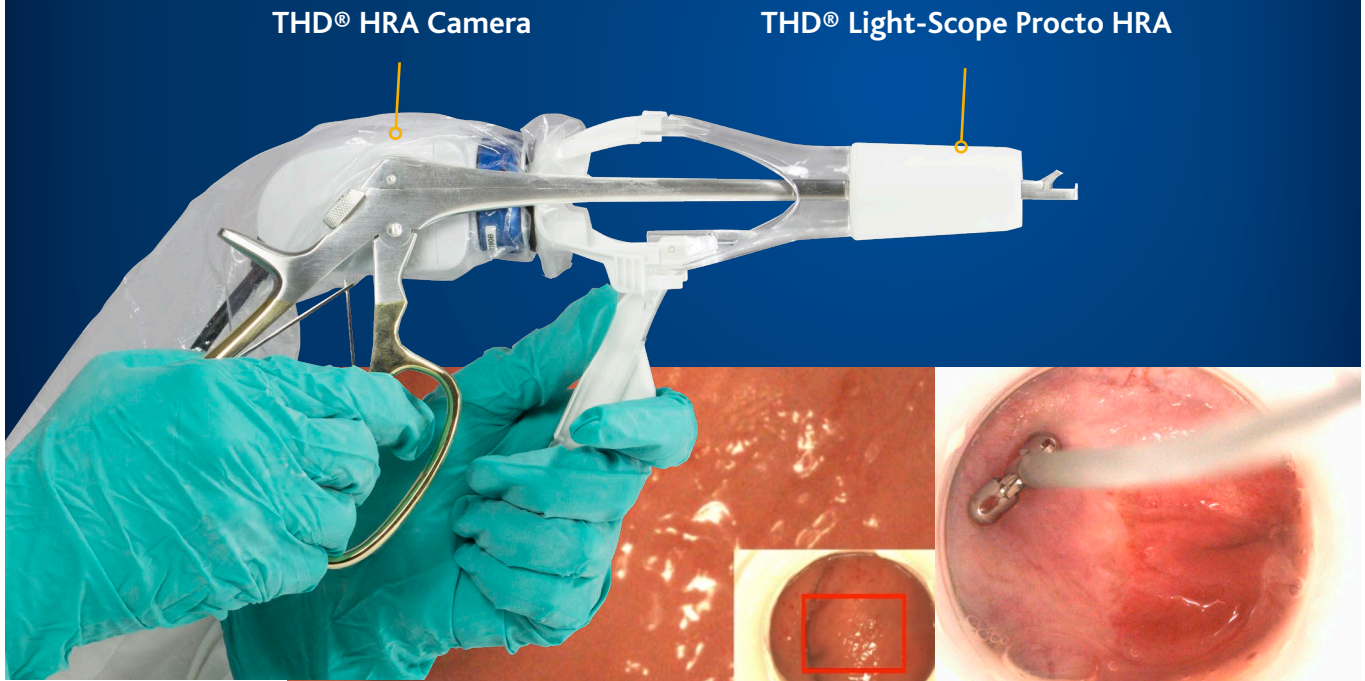
The progression from anal dysplasia to anal cancer is slow, allowing time for pre-cancerous lesions to be diagnosed and treated.

The THD® Light-Scope Procto HRA anoscope defines a new treatment standard by allowing diagnostic biopsies and treatments to be performed under magnification.



THD® LIGHT-SCOPE PROCTO HRA

The large lateral openings allow the surgeon to insert biopsy forceps, gauze, pads and ablation tips inside the anoscope without the need to remove the camera and avoids disruption of the magnified view.



THD® Light-Scope Procto HRA



The anoscope is equipped with a built-in LED light source: the surface finish and the white colored terminal cone diffuse the light providing optimal visibility.



STERILITY	TIP	LENGTH	OUTSIDE DIAM.	REF
NON-STERILE	TRUNCATED	112 mm	25 mm	800191

THD® PROCTOSTATION

THD® ProctoStation

THD® ProctoStation (800230) is a self-contained, all-in-one modular platform which can connect to different plug & play peripherals to perform most diagnostic examinations utilizing the same hardware.

One system can now be used to offer multiple diagnostic assessments eliminating the need for numerous capital equipment systems.



THE THD SOLUTION

The THD® ProctoStation is a compact instrument that provides high definition images of the anal canal and ano-rectal junction by combining a handheld HD camera with a high performance all-in-one computer.

Disposable LED HRA anoscope (THD® Light-Scope Procto HRA (800191) complement the THD ProctoStation by eliminating the need for external beam illumination.



THD® LIGHT-SCOPE PROCTO HRA & AIN LESIONS TREATMENT

The THD® Light-Scope Procto HRA (800191) and the THD® HRA Camera offer a superior visualization of the anal canal with unmatched ease-of-use. When this is combined with the treatment flexibility and safety of the Smoke-Evac Fusion HRA treatment set-up, providers can diagnose and treat with one integrated system. All components in contact with patient are single-use to decrease contamination and facilitate quick turnover.

THD® HRA Camera

THD® Light-Scope Procto HRA
(800191)



Without smoke evacuator



With smoke evacuator

AIN LESIONS TREATMENT

	<p>Electrosurgical unit</p>	<p>Table top smoke evacuator</p>	<p>High Frequency Desiccator</p>
	<p>THD HRA Camera</p>	<p>Smoke-evac fusion - 6" - 3mm flex blade</p>	<p>THD Light-Scope Procto HRA</p>

THD® BANDY

THD® Bandy

THD® Bandy (800183) is a single-use medical device for the treatment of low grade hemorrhoids.

THD® Bandy is a suction-based rubber band (TUS684310-50) ligator ready for immediate use that does not need to be cleaned and sterilized.

THD® Bandy includes the ligator and loading system with advancement cone. The surgeon positions the rubber band with one hand without the need of any assistance.



THE THD SOLUTION

THD® Bandy does not have the typical disadvantages of traditional systems.

The THD® Bandy ligator is made of a transparent plastic material, allowing the amount of aspirated tissue to be viewed directly. The single-use system eliminates the risk of cross-contamination and the need for sterilization, which reduces the time between one patient and the next.

The suction-based system along with the THD® Bandy ligator eliminates the need for forceps; the surgeon then has a free hand to maneuver the anoscope for easier insertion of the ligator. The THD® N-Ano Mini & Maxi single-use anosopes, equipped with a built-in LED light and ergonomic shape, together with THD® Bandy, are the perfect combination for an optimal ligation.



THD® BANDY

THD® Bandy



NON-STERILE

The THD® Bandy is connected to a suction system, which is used to control the amount of aspirated tissue.

The rubber band is quickly and safely released by means of a convenient trigger.



STERILITY	DEVICE LENGTH	REF
NON-STERILE	150 mm	800183

THE BASIC STEPS

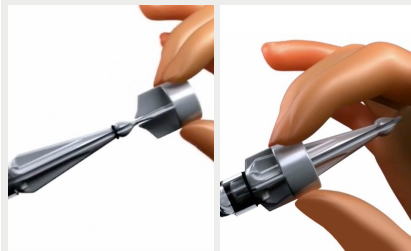
1

Insert the Positioning Cone onto the end of THD® Bandy



2

Load the rubber band using just one hand



3

Connection to the suction source



4

Suction



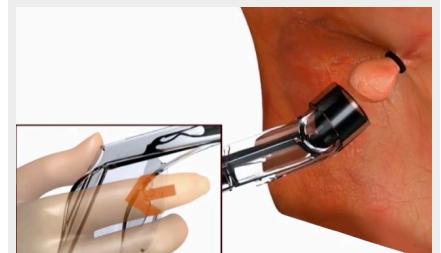
5

Visually check the amount of tissue in the ligator



6

Release the rubber band at the base



SPECIFICATIONS

CATEGORY	PRODUCT NAME	CODE
SELF-ILLUMINATING ANOSCOPES	THD® Light-Scope ANO Beveled	800093
	THD® Light-Scope ANO Beveled STERILE	800113
	THD® Light-Scope ANO Truncated	800092
	THD® Light-Scope ANO Truncated STERILE	800112
	THD® N-ANO Beveled	800134
	THD® N-ANO Truncated	800040
	THD® N-ANO MAXI Beveled	800166
	THD® N-ANO MAXI Truncated	800165

SELF-ILLUMINATING RECTOSCOPES	THD® Light-Scope Recto Mini	800098
	THD® Light-Scope Recto Mini with insufflation bulb	800100
	THD® Light-Scope Recto Mini with insufflation bulb STERILE	800119
	THD® Light-Scope Recto MAXI	800097
	THD® Light-Scope Recto MAXI with insufflation bulb	800099
	THD® Light-Scope Recto MAXI with insufflation bulb STERILE	800118

SELF-ILLUMINATING SURGICAL ANOSCOPES	THD® Surgy Mini LED	800108
	THD® Surgy Mini LED STERILE	800124
	THD® Surgy Maxi LED STERILE	800125
	THD® Light-Scope Procto HRA	800191

THD® PROCTOSTATION	THD® ProctoStation	800230
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RUBBER BAND LIGATION	THD® Bandy	800183
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