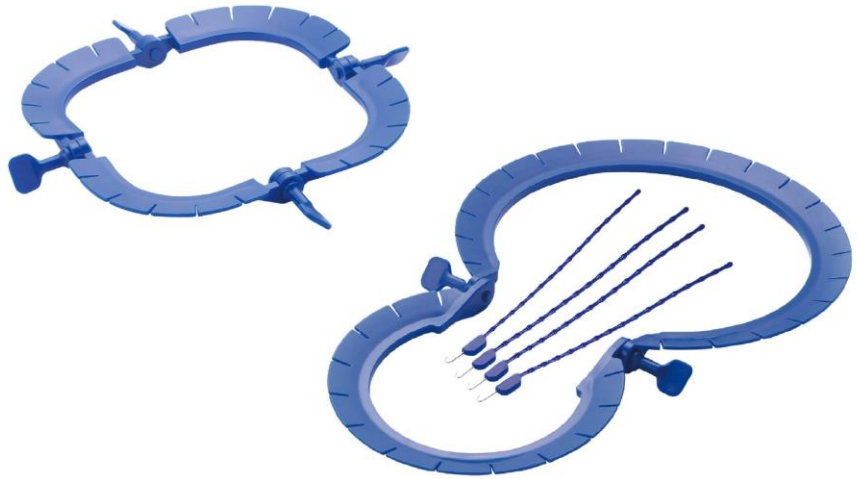
MICROCURE SINGLE-USE
SURGICAL RETRACTOR SYSTEM

Microcure in Coloproctologic Surgery

Stable tissue retraction
Optimal surgical field exposure

Material for a professional surgical audience

microcure



SURGERY RETRACTOR SYSTEM

The retractor system operates manually with self−locking function.It consists of a retractor ring,movable scnews and retractor hooks.

Product Description

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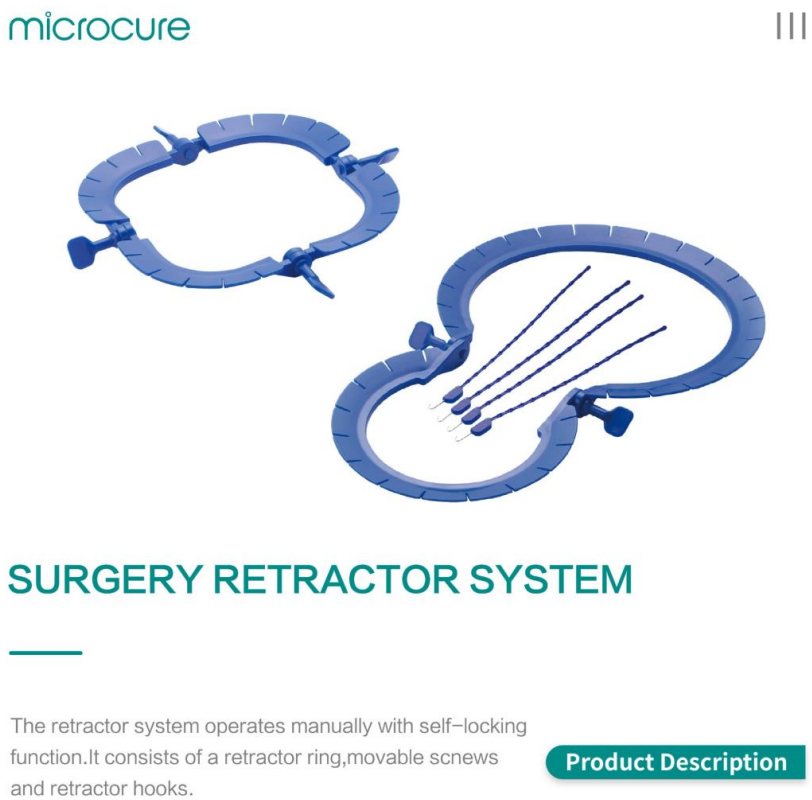
System and Operating Principle



Retractor Ring

positioned around the surgical access and serves as a support for hook fixation.

Retractor Hooks

are attached with one end to the wound edge and with the other end to the retractor ring.

Elastic Tension

maintains stable retraction; the direction of tension of individual hooks can be adjusted during the procedure.

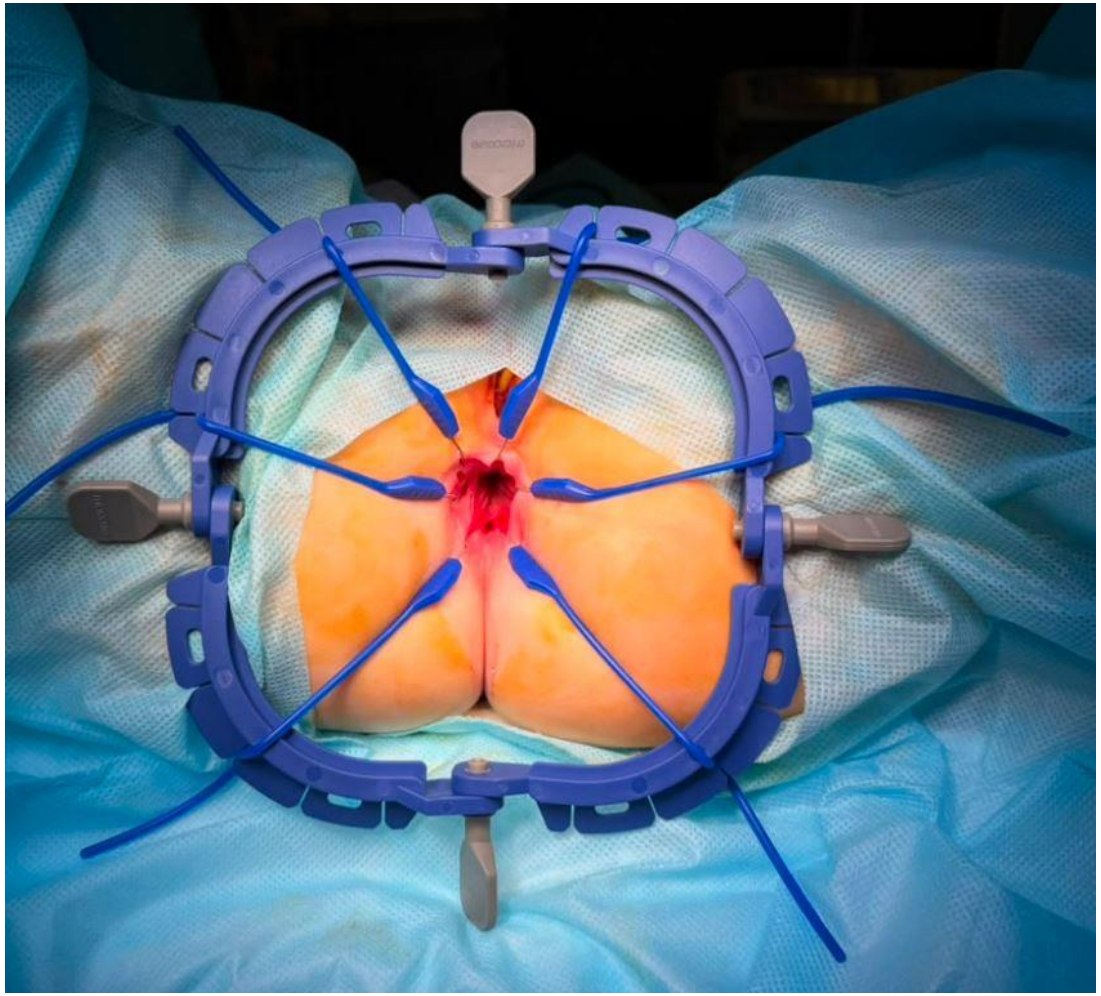
Capabilities in Coloproctology

Focus on creating and maintaining surgical access

- **Stable Exposure** — maintains opening of the surgical field without continuous manual tissue retraction.
- **Distributed Retraction** — multiple independent fixation points around the circumference of the access.
- **Dynamic Adjustment** — individual hooks can be repositioned and their direction of tension changed.
- **Unobstructed Central Field** — retraction elements are fixed to the ring outside the working area.

Clinical Application

Example of retractor system placement in the anorectal region



Independent Fixation Points

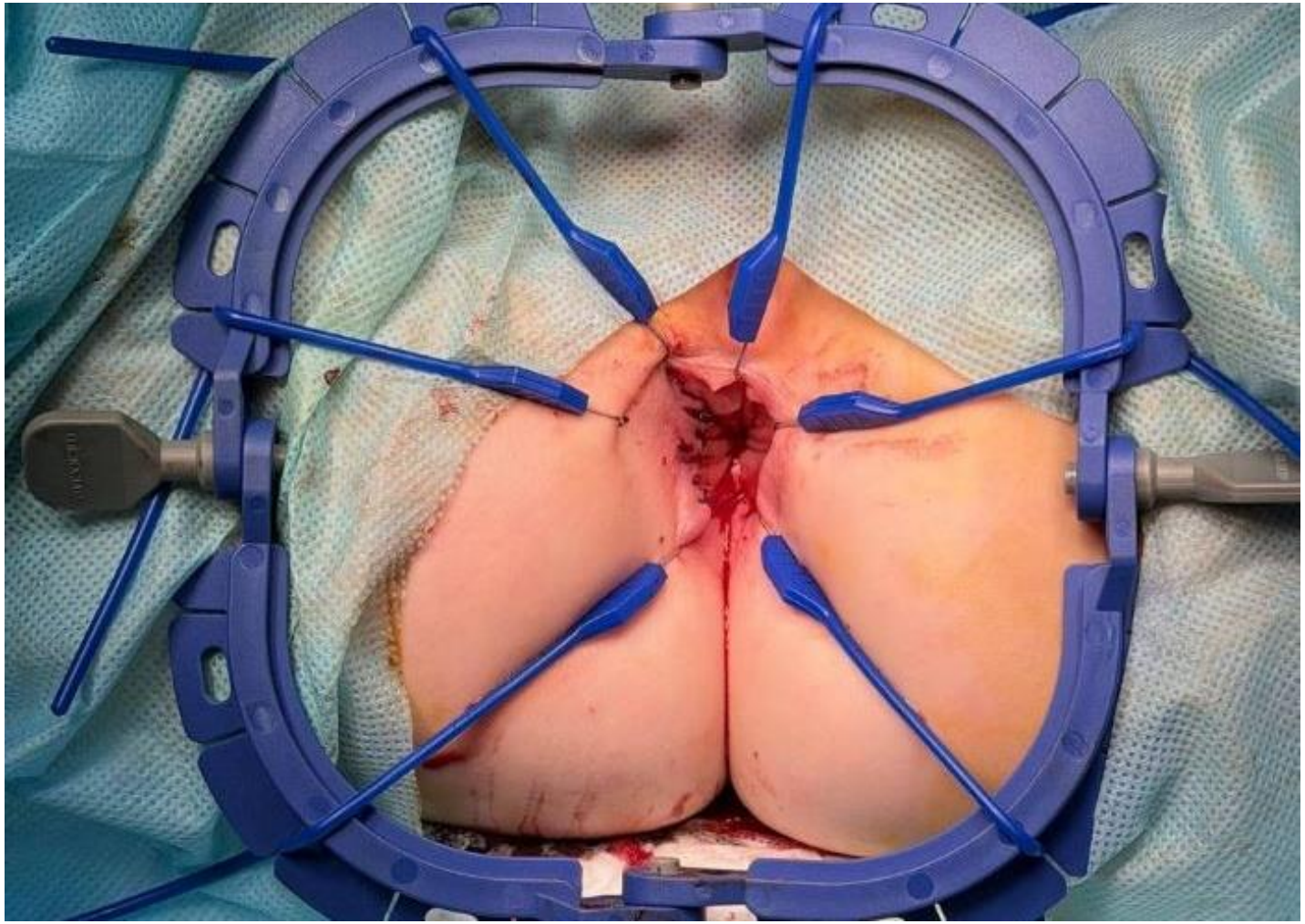
Hooks are distributed around the circumference to provide directed tissue retraction.

Stable Surgical Field

The ring serves as an external support while the working area remains at the center of the system.

Clinical photograph provided as part of the system evaluation.

Creating Surgical Access



1 Radial Direction of Traction

Each hook creates an individual vector of tension.

2 Adjustment During the Procedure

Individual hooks can be repositioned as the surgical field changes.

3 Central Working Area

Retraction elements are positioned at the periphery of the access.

Examples of Use in Proctology

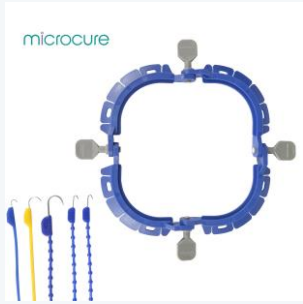
Based on Microcure clinical presentation materials

- Hemorrhoidectomy
- Removal of Anal Condylomas
- Surgery for Anal Fissure
- Transanal Tumor Excision
- Sphincteroplasty

In the original clinical presentation, the benefit for proctology is described as stable exposure of the anal canal.

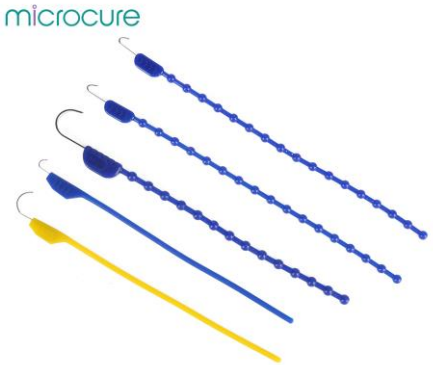
Available Configurations in the Russian Federation

WZRR-A-C



WZRR-A-D

WZRR-A-H



Retractor Hooks

Registered hook variants:

WZRR-P1-S-1 • WZRR-P1-L-1 • WZRR-P2-S-1
WZRR-P2-L-1 • WZRR-P3-L-1

The specific ring and hook configuration is selected according to the type of procedure and the required surgical access.

Single-Use Sterile System

Intended Use Frequency	single use
Sterilization	ethylene oxide (EO)
Shelf Life	2 years
Storage and Transportation	+5 °C to +45 °C; relative humidity not exceeding 80%

The device is not intended for cleaning or disinfection; maintenance and repair are not applicable to this single-use device.

MICROCURE IN RUSSIA

Single-Use Surgical Retractor System

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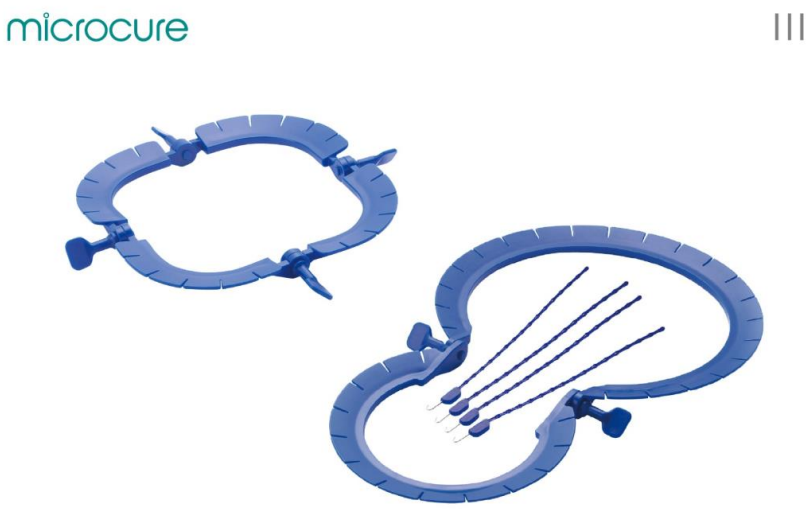
Information material for healthcare professionals.
Use of the device must comply with the instructions for use.