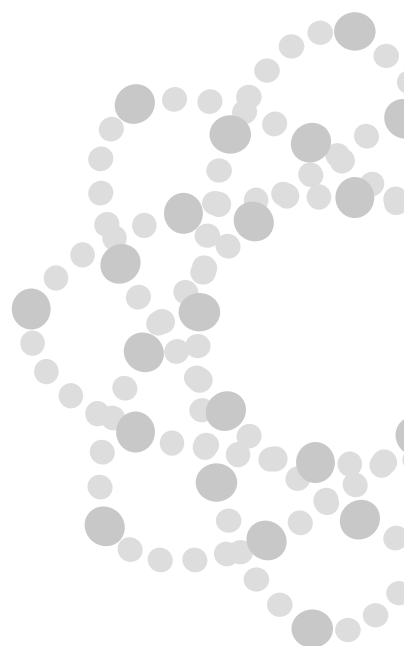



INTERVENTIONAL
ENDOSCOPIC
SPINAL
SURGERY®



Innovative technology
for the surgical treatment
of the epidural space



 **ams group**
LIFE GETS BETTER


Molecular
Resonance
Technology

Indications

- Failed Back Surgery Syndrome
- Spinal stenosis or foraminal stenosis
- Chronic low back pain
- Radiculopathy



System for the diagnosis and surgical endoscopic treatment of the epidural space

Innovative

Resascope is the **only 360° directable** epidural video-guided catheter

Revolutionary lock system

The ability to **block the catheter tip on both axes** in a simple and more precise way, to use the dedicated operating instruments

Safe

2 channels for fluids: one designed for saline infusion and one designed for saline recovery; thanks to the new graduated bag it is possible to recover excess saline

Comfortable

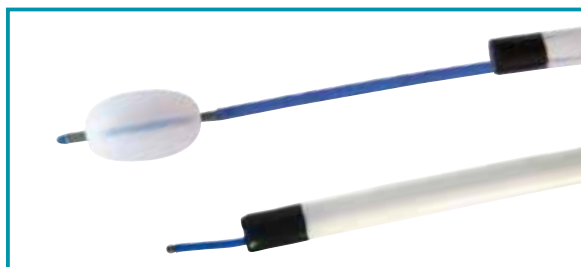
3 ways for optic and tools insertion, that have been manufactured on the handle itself, thus reducing the encumbrance on the operating field

The above mentioned innovations are available for both Resascope versions: with soft and rigid tip.

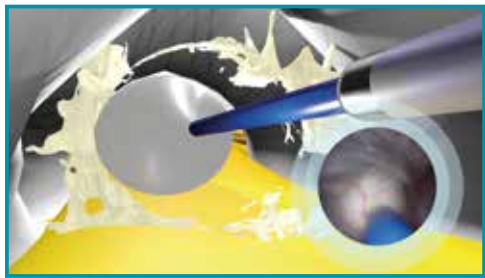
Lateral detail Resascope handle



Resaloon and Resaflex details



Operating instruments

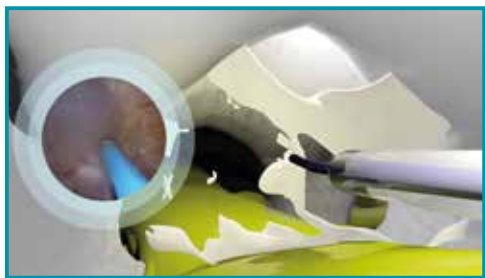


 **Resaloan**

Balloon catheter for epiduroplasty

- Designed and certified for the use in the epidural space with Resascope video-guided catheter
- It allows the dilation of the stenotic canal to detach pathological adhesions from the dura mater

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 **Resaflex**

Flexible electrode for surgical lysis with QMR technology

- Designed to remove epidural scar tissues of greater tenacity
- Operating temperature < 45°C
- Working precision up to 1mm

 ²  0051



 **Resablator50**

Patented generator with QMR technology

- Operating frequency starting from 4MHz and consecutive waves
- Used together with Resaflex, it provides the ideal energy to break the molecular bonds of pathological structures without causing any thermal damage or new scar tissue

Resablator50 allows 2 types of predictive stimulation tests:

- Sensory (50Hz), to check the treatment area
- Motor (2Hz), in order to exclude the interest of motor roots

**ADVANTAGES
FOR THE USER**

 **SELECTIVITY OF THE TREATMENT AREA
SAFETY OF THE THERAPY**

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Flexible optical fiber

- High resolution optical fiber with 1mm diameter, that represents the technological cutting-edge in the quality and design of the endoscopic sector
- Image transmission at 10.000 pixels
- Automatic image focusing with a visual field of 70 degrees
- Equipped with adapters for all light sources currently on the market

Product codes

Disposable devices

CODE	DESCRIPTION
RS-01/B	Resascope - epidural steerable video-guided catheter with soft tip and position block
RS-01-R/B	Resascope - epidural steerable video-guided catheter with rigid tip and position block
3011L	Resaflex - flexible electrode (Model 2610003)
R-LOON-01	Resaloon - balloon catheter
R-LOON-02	Resaloon - high pressure balloon catheter

Disposable accessories

CODE	DESCRIPTION
SK-ST-10	Surgical kit with graduated bag
2503003	Ground pad

Reusable accessories

CODE	DESCRIPTION
1051	Resablato50 - generator with QMR ^{®1} technology (Model 2501011)

Complete systems

CODE	DESCRIPTION
KIT FOR EPIDUROPLASTY includes: Resaloon-01, surgical kit and introducer 10F	
AMS-RS/B-LOON-SK	With Resascope soft tip
AMS-RSR/B-LOON-SK	With Resascope rigid tip
KIT FOR SURGICAL LYSIS includes: Resaloon-01, Resaflex, surgical kit, ground pad and introducer 10F	
AMS-RS/B-FLEX-SK	With Resascope soft tip
AMS-RSR/B-FLEX-SK	With Resascope rigid tip
KIT FOR NEUROMODULATION includes: Resaplus, Resascope soft tip, surgical kit and introducer 10F	
AMS-RS/B-PLUS-SK	With Resaloon-01
AMS-RS/B-PLUS-SK02	With Resaloon-02



AMS Group S.r.l. soc. unip.
Advanced Medical Systems

Via Europa, 12 | 35020 San Pietro Viminario (PD) Italy
Tel. +39 0429 719378 | Fax +39 0429 760135
info@amsvita.com | www.amsvita.com