

Rotarex™

Rotational Excisional Atherectomy System

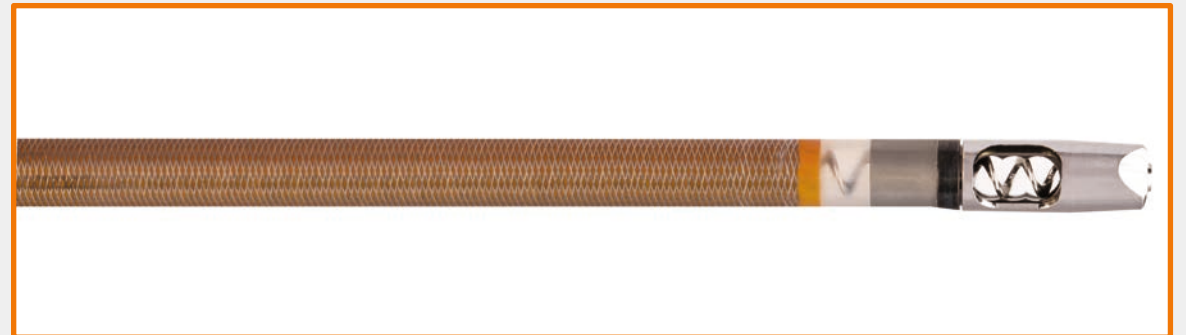
- Designed for multiple plaque morphologies
- Dual indicated for peripheral arterial atherectomy and thrombectomy
- Continuous active aspiration through large side windows
- Atraumatic design
- Simple to setup and use



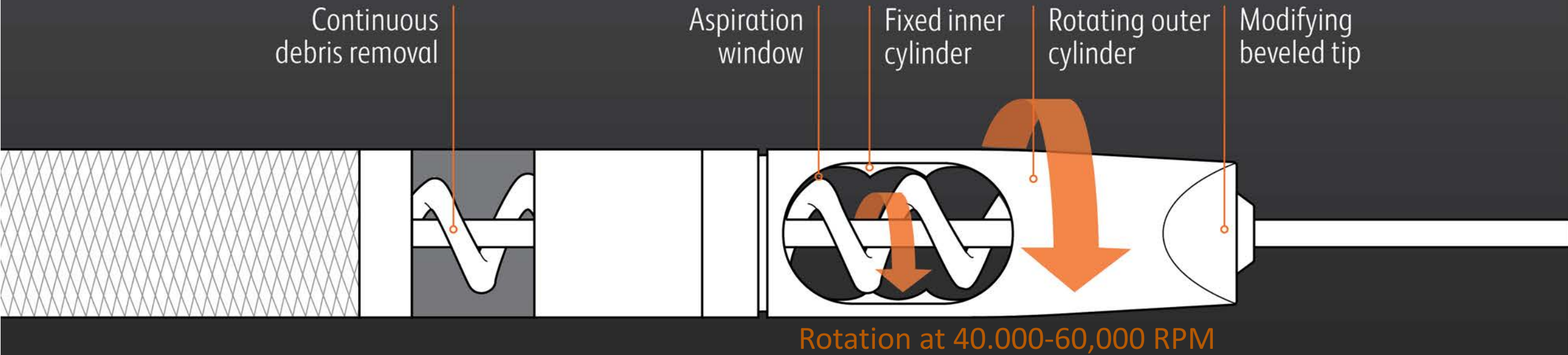
Rotarex™

Rotational Excisional Atherectomy System

	Rotarex™ 6F Device	Rotarex™ 8F Device
Vessel diameters	3 - 5 mm	5 - 8 mm
Catheter type	0.018" / OTW	0.018" / OTW
Usable length	110 cm, 135 cm	85 cm, 110 cm
Sheath compatibility	6F	8F
Max. rotation speed	60,000 rpm	40,000 rpm
Max. aspiration rate	45 ml/min	75 ml/min
Catheter external diameter	2 mm	2.7 mm



Intelligently Designed



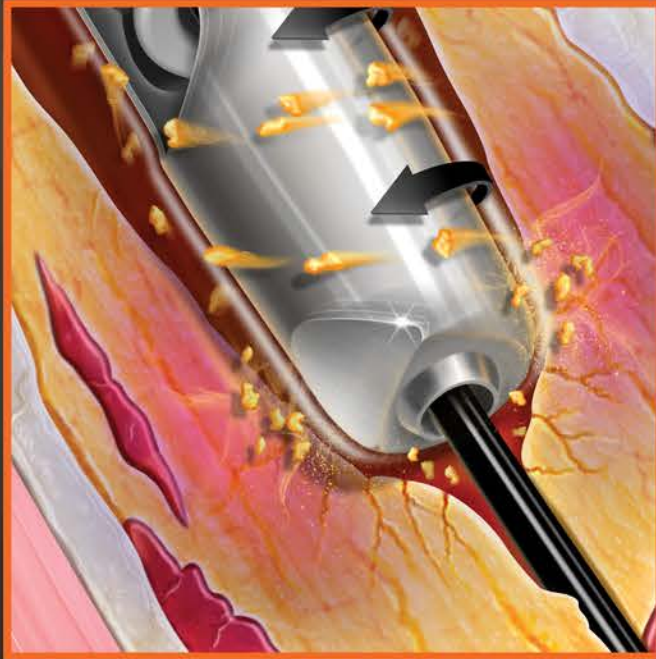
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Mechanism of Action

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Rotational Excisional Atherectomy System



Modifying Beveled Tip



Rotating Abrading Vortex



Continuous Active Aspiration

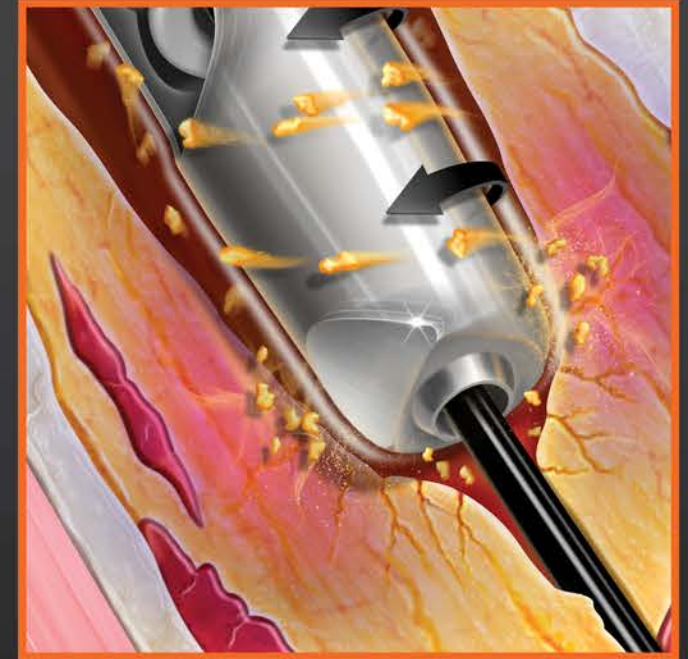
Mechanism of Action

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Modifying Bevel Tip

- Blunt atraumatic facets modify and detach diseased material
- Addresses mixed morphology lesions



Mechanism of Action

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Rotating Abrading Vortex

- **External:** Vortex erodes occlusive material to increase luminal gain
- **Internal:** Material is further broken down by cutting mechanism in side-windows



Mechanism of Action

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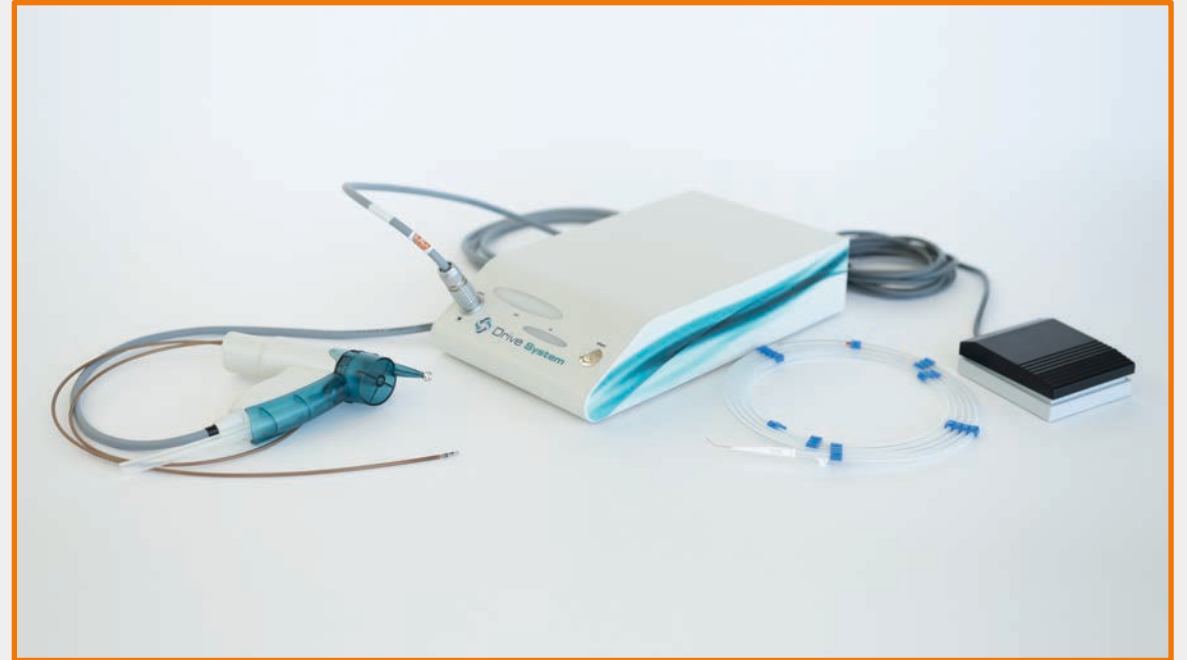
Continuous Active Aspiration

- Rotating helix creates powerful negative pressure at tip through side windows



Simple Set-up and Use

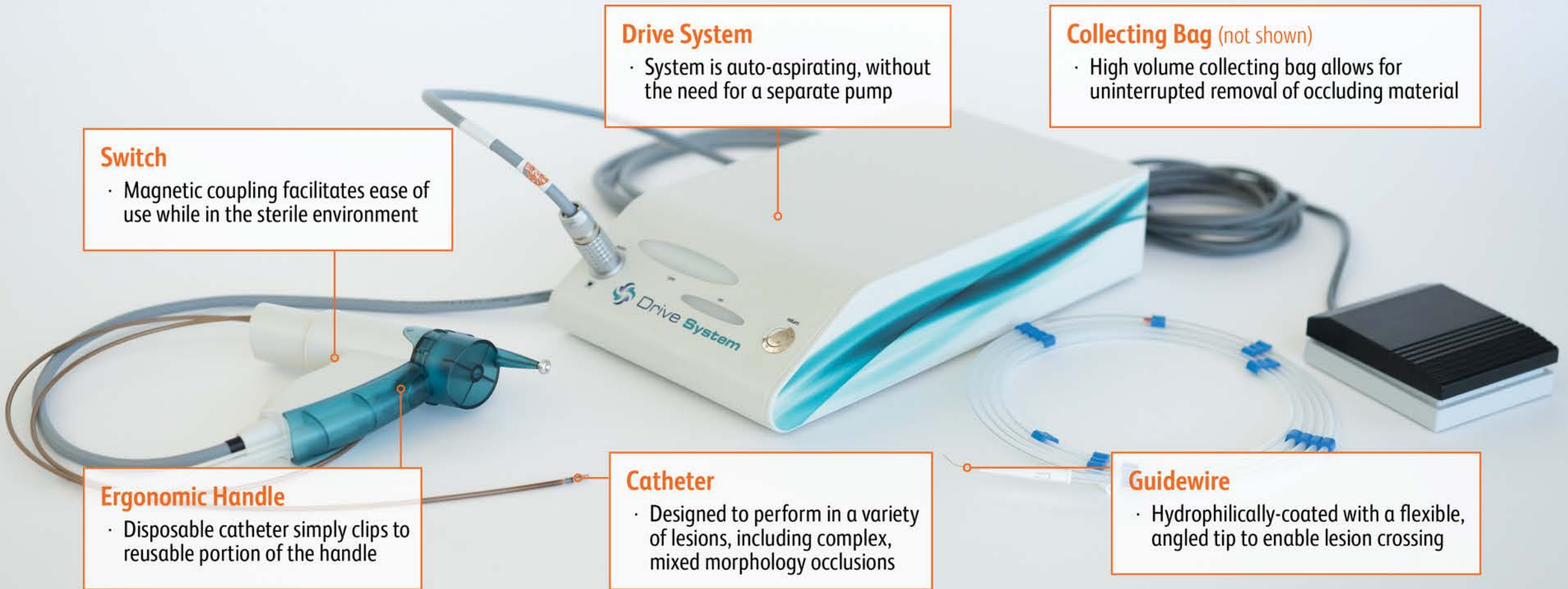
- Small footprint
- Sterile catheter simply snaps to motor handle
- No routine saline or lubricant requirement
- No warm-up, infusion, or repeated catheter clean-out required



RotarexTM

Rotational Excisional Atherectomy System

System Components



Drive System

- System is auto-aspirating, without the need for a separate pump

Collecting Bag (not shown)

- High volume collecting bag allows for uninterrupted removal of occluding material

Switch

- Magnetic coupling facilitates ease of use while in the sterile environment

Ergonomic Handle

- Disposable catheter simply clips to reusable portion of the handle

Catheter

- Designed to perform in a variety of lesions, including complex, mixed morphology occlusions

Guidewire

- Hydrophilically-coated with a flexible, angled tip to enable lesion crossing

No Additional Component Costs

	Rotarex™ Rotational Excisional Atherectomy	Other Competitive Atherectomy Devices
Added Costs (not included & required to operate)	<ul style="list-style-type: none">• None	<ul style="list-style-type: none">• Proprietary guidewire• Saline bag• Proprietary lubricant• Standard guidewire• Embolic protection device

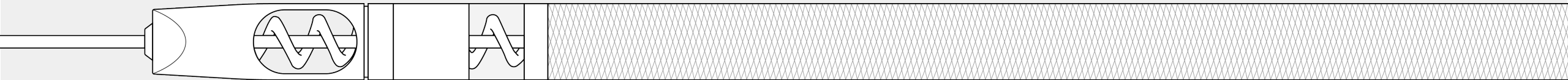
Clinical Benefits

Wide Range of Clinical Applications

- Upper and lower extremity peripheral arteries
- 3-8 mm arteries
- Acute, subacute, **and** chronic lesions
- Dual indication: Removes atheroma **and** thrombus

Intelligent Design

- Unique, magnetic slip-clutch ensures instant disengagement of the drive should obstruction occur
- Abrading vortex effect enables additional luminal gain without external blades



Clinical Benefits

Efficient Aspiration

- Continuous active aspiration, not using a peristaltic pump aspiration principle
- Minimizes embolization risk
- Large collection windows
- Internal mechanism further breaks down material as it is aspirated

