

Overview of the Rotarex[™] Rotational Excisional Atherectomy System

Miguel Montero-Baker, MD

Division of Vascular and Endovascular Surgery Michael DeBakey Dept of Surgery Baylor College of Medicine

Disclosure

Speaker name: Miguel Montero-Baker, MD

I have the following potential conflicts of interest to report:

- X Consulting
- Employment in industry
- Stockholder of a healthcare company
- Owner of a healthcare company
- Other(s)

□ I do not have any potential conflict of interest

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Rotational Excisional Atherectomy System

	Rotarex [™] 6F Device	arex [™] 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	



Atherectomy Mechanism Comparison

- Atherectomy devices must be versatile in order to treat multiple plaque morphologies
- Rotarex[™] Rotational Excisional Atherectomy System combines the grinding of denser materials with powerful aspiration to address thrombus and emboli

	Rotarex [™]	Orbital	Directional	Laser
Atherectomy and Thrombectomy	+	-	-	-
Active aspiration	+	-	-	-
Front debulking	+	-	-	+
Occlusions	+	-	+	+
Thrombus	+	-	-	+
Calcium ¹	+	+	+	-

Rotational Excisional Atherectomy System

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



Catheter Design



Rotation at 40.000-60,000 RPM

Rotational Excisional Atherectomy System