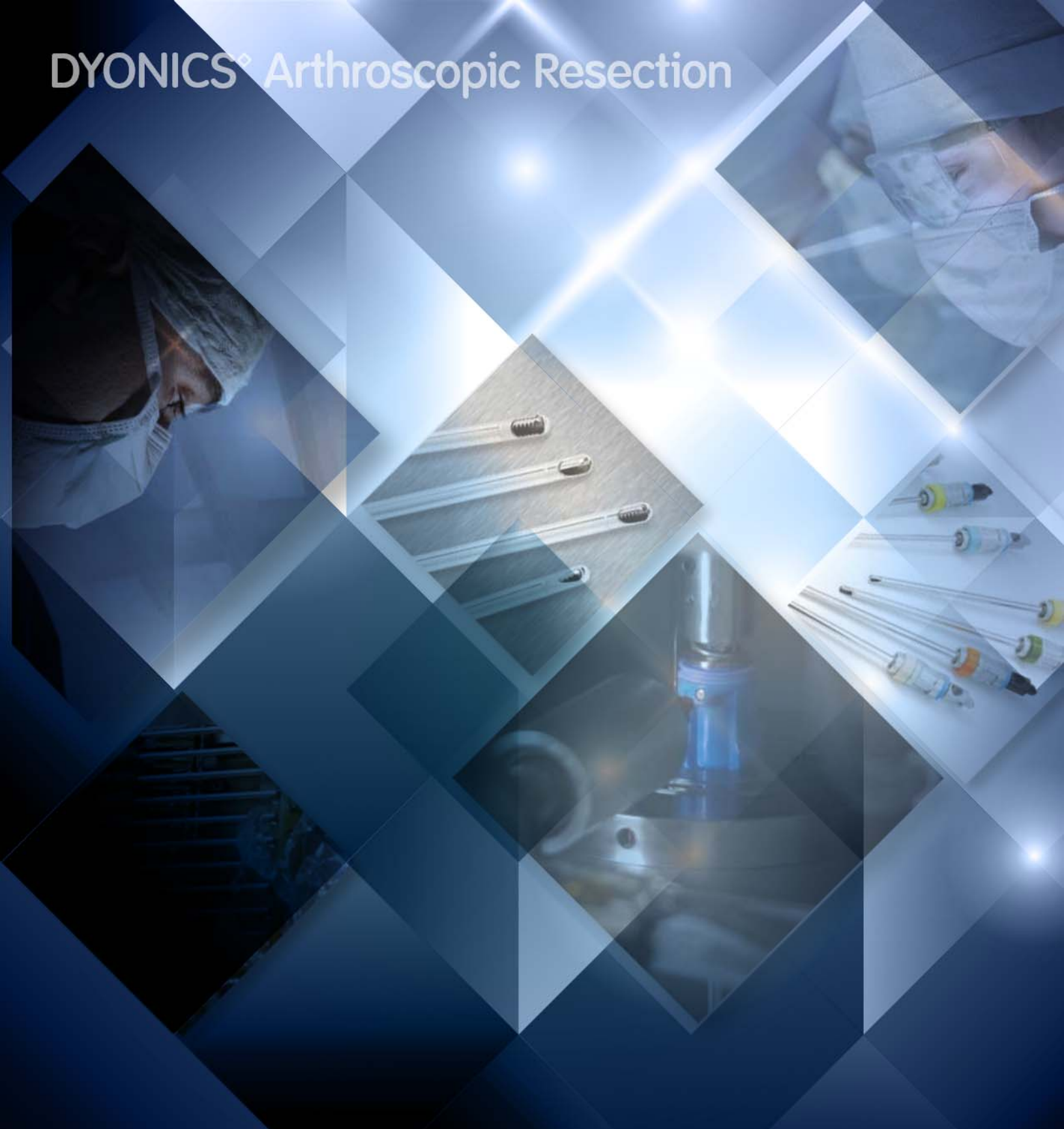


DYONICS® Arthroscopic Resection



Engineered to be
better than ever

 **smith&nephew**

Supporting healthcare
professionals for over 150 years



DYONICS[®] Arthroscopic Resection designed to generate efficiency

The aim of DYONICS Arthroscopic Resection is to make work simpler for arthroscopists by providing surgical solutions that efficiently resect tissue and bone and that effectively navigate tight and hard-to-reach locations¹, case after case.

PLATINUM Technology and Performance

State-of-the-art, automated production ensures the highest level of quality, manufactured to meet demanding surgical applications

.....
Tight clearance between inner and outer blade tips enables precise cutting for aggressive resection and efficient debris evacuation

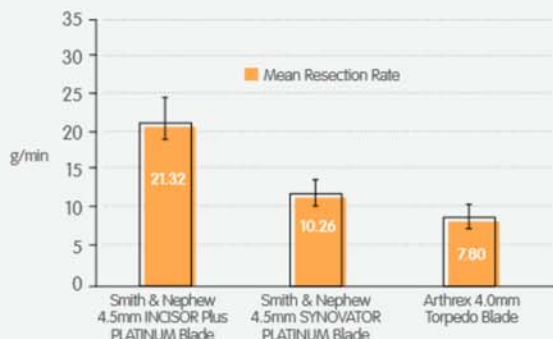
.....
Preference setting blade position control facilitates fine tuning of suction flow, allowing performance to be uniquely adapted to each situation



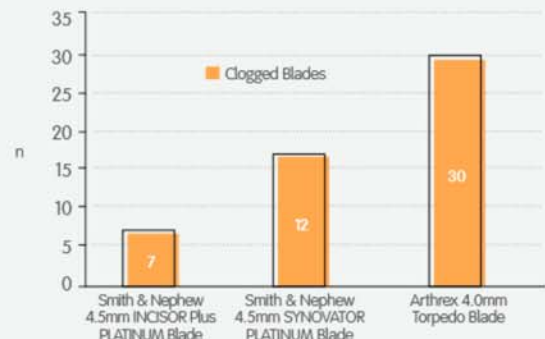
Designed to be more effective

Soft-tissue resection rates of the 4.5mm DYONICS INCISOR[®] Plus PLATINUM Blade and 4.5mm DYONICS SYNOVATOR[®] PLATINUM Blade were found to be significantly higher than the 4.0mm Arthrex Torpedo Blade¹. Similarly, the proportion of blades that clogged, was significantly lower than the Torpedo Blade¹.

RESECTION RATES



CLOGGING RATES



DYONICS[®] Blades and Burrs

DYONICS Blades and burrs deliver specialized solutions to clinical challenges in hip and extremity procedures.

IN THE KNEE AND SHOULDER



INCISOR[®] Plus PLATINUM BLADES

Take a bite out of inefficiency

- Precision-sharpened, tooth-to-tooth design offers our most efficient resection rate**
- Soft-tissue resection rate was significantly higher than leading competitive blades and had less clogging¹



Typical Procedural Use:	Objectives:
<ul style="list-style-type: none"> ▪ Rotator Cuff ▪ Anterior Cruciate Ligament Reconstruction 	<ul style="list-style-type: none"> ▪ Remove frayed/degenerated rotator cuff ▪ Remove ACL stump; prepare notch graft; clear field of tissue

SYNOVATOR[®] PLATINUM BLADES

Protect what you don't resect

- Dual inner cutting windows designed to facilitate shallow cuts for focused resection
- Soft-tissue resection rate outperformed a leading competitive blade and had less clogging¹



Typical Procedural Use:	Objectives:
<ul style="list-style-type: none"> ▪ Meniscectomy ▪ Synovectomy 	<ul style="list-style-type: none"> ▪ Remove torn tissue; stabilize meniscal rim ▪ Full or partial excision of synovial membrane

BONECUTTER[®] PLATINUM BLADES

Multitask more effectively

- Resects both soft tissue and bone with a single blade¹, eliminating the need for a burr
- Ability to run at 10,000rpm combined with high-torque, POWERMAX[®] ELITE[®] Shaver allows for aggressive and controllable bone resection



Typical Procedural Use:	Objectives:
<ul style="list-style-type: none"> ▪ Subacromial Decompression ▪ Anterior Cruciate Ligament Reconstruction 	<ul style="list-style-type: none"> ▪ Stop acromial impingement; clear obstructing bursa; debride frayed rotator cuff ▪ Remove ACL stump; prepare notch graft; clear field of tissue

FULL RADIUS PLATINUM BLADES

Resect and protect with one blade

- Combines a wide cutting window with toothed inner blade and smooth outer blade
- Window draws in large volumes of tissue and smooth outer edge is designed to avoid damaging surrounding tissue¹



Typical Procedural Use:	Objectives:
<ul style="list-style-type: none"> ▪ Subacromial Decompression ▪ Anterior Cruciate Ligament Reconstruction 	<ul style="list-style-type: none"> ▪ Grab and resect frayed tissue under the acromion; clear obstructing bursa ▪ Remove ACL stump; prepare notch graft; clear field of tissue

PLATINUM curved blades deliver easy access, aggressive resection and effective debris evacuation. Each blade is designed to retain sharpness throughout a procedure and have low risk of metal debris generation^{2,3}. By increasing speed and quality of resection, PLATINUM curved blades can help busy arthroscopists operate efficiently and reduce patient time under anesthesia.

CURVED INCISOR Plus PLATINUM BLADES

Access and efficiency

- Tooth-to-tooth design offers our most efficient resection rate
- Easy access to the targeted tissue³
- More efficient soft tissue resection than competitive blades²
- 33% lower incidences of clogs than leading competitive blade^{2**}
- Low risk of metal debris generation^{3,4}
- Retains sharpness throughout the intended procedure³



CURVED SYNOVATOR PLATINUM BLADES

Access and precision

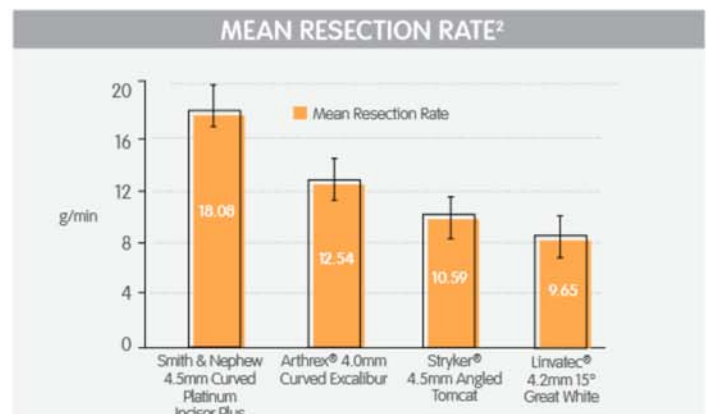
- Smooth outer and dual inner cutting windows facilitate shallow cuts for focused resection
- Easy access to the targeted tissue³
- More efficient soft tissue resection than competitive blades²
- 34% lower incidences of clogs than the curved Synovator blade^{2**}
- Low risk of metal debris generation^{3,4}
- Retains sharpness throughout the intended procedure³

Typical Procedural Use:	Objectives:
<ul style="list-style-type: none"> ▪ Meniscectomy 	<ul style="list-style-type: none"> ▪ Remove torn tissue; stabilize meniscal rim
<ul style="list-style-type: none"> ▪ Synovectomy 	<ul style="list-style-type: none"> ▪ Full or partial excision of synovial membrane
<ul style="list-style-type: none"> ▪ ACL 	<ul style="list-style-type: none"> ▪ Remove ACL stump; clear field of tissue



*33% lower incidences of clogs than the Arthrex²

**in animal testing



IN THE HIP



DYONICS HIGH VISIBILITY Hip Burrs

Each burr features an outer, narrow-neck sheath designed to provide visualization of the surgical site.

FLAT TOP BURR

4.0mm and 5.5mm

- Sculpt acetabular overhang, leaving a flat surface while protecting the labrum
- Other uses: arthroscopic femoral osteochondroplasty, and spur removal in the peritrochanteric space

ABRADER BURR

4.0mm and 5.5mm

- See more of the burr and anatomy to help minimize inadvertent over-resection
- Use to treat femoroacetabular impingement, cam and pincer lesions

BARREL BURR

4.0mm and 5.5mm

- Aggressive side-cutting and gentle end-cutting
- Use for osteochondroplasty and other procedures where rapid bone removal is desired

IN THE EXTREMITIES



DYONICS POWERMINI® Shaver System

This compact, lightweight shaver is designed to offer the freedom of movement and control.

FULL RADIUS BLADE

2.0mm, 2.9mm and 3.5mm

- Wide cutting window for high-volume side-cutting and end-cutting
- Absence of teeth allows for a smooth tissue surface
- Use for triangular fibrocartilage complex debridement

INCISOR® Plus ELITE BLADE

2.9mm and 3.5mm

- Oval cutting window and large inner teeth aggressively resect frayed tissue
- Use for treating synovitis of the ankle

ABRADER BURR

2.9mm and 3.5mm

- Ball burr delivers controlled bone resection
- Use for removal of osteophytes



Unique options for unique situations

CURVED BLADES

Set your sights on DYONICS® specialized curved blades.

ORBIT® Blade 4.5mm

(with multiple options available)

- 360° rotation to assist access to joint pathology
- Curve aids in anterior and posterior access
- Convex and concave cutting orientations may be adjusted in joint
- Use for meniscectomies, specifically around the posterior horn

Curved Full Radius Blade 3.5mm

- Smallest-diameter, standard-length curved blade on the market today
- Low profile designed to access tight spots
- Use for meniscectomies, particularly in “tight knees”



HELICUT® BURR

Unique helical core for effective soft-tissue and bone resection

HELICUT Burr 4.5mm

- Resects soft tissue and bone
- Core facilitates debris evacuation and is designed to reduce clogging
- Use for decompressions and to decorticate the humeral head during rotator cuff prep



DYONICS Blades

MADE IN THE USA

Ordering information

DYONICS PLATINUM Blades	
Reference #	Description
BONECUTTER [®] PLATINUM Blades	
72202531	4.5mm BONECUTTER PLATINUM Blade
72202530	5.5mm BONECUTTER PLATINUM Blade
INCISOR [®] Plus PLATINUM Blades	
72203013	4.5mm INCISOR Plus PLATINUM Blade
72203519	5.5mm INCISOR Plus PLATINUM Blade
SYNOVATOR [®] PLATINUM Blades	
72203523	4.5mm SYNOVATOR PLATINUM Blade
72203524	5.5mm SYNOVATOR PLATINUM Blade
Full Radius PLATINUM Blades	
72203521	4.5mm Full Radius PLATINUM Blade
72203522	5.5mm Full Radius PLATINUM Blade
Curved PLATINUM Blades	
72205109	4.5mm Curved INCISOR Plus PLATINUM Blade
72205110	4.5mm Curved SYNOVATOR PLATINUM Blade
DYONICS HELICUT [®] Burr	
Reference #	Description
7205727	4.5mm HELICUT Burr
DYONICS POWERMINI [®] System	
Reference #	Description
72201500	POWERMINI Shaver, Hand-Controlled
72201503	POWERMINI Shaver, Footswitch-Controlled
72201507	2.0mm POWERMINI Full Radius Blade
72201509	2.9mm POWERMINI Full Radius Blade
72201510	3.5mm POWERMINI Full Radius Blade
72201513	2.9mm POWERMINI INCISOR Plus ELITE Blade
72201514	3.5mm POWERMINI INCISOR Plus ELITE Blade
72201518	2.9mm POWERMINI Abrader Burr
72201519	3.5mm POWERMINI Abrader Burr
DYONICS ELITE Burr	
Reference #	Description
ELITE Abrader Burrs	
72200722	4.0mm ELITE Abrader Burr
72200723	5.5mm ELITE Abrader Burr
ELITE Acromionizer Burrs	
72200724	4.0mm ELITE Acromionizer Burr
72200725	5.5mm ELITE Acromionizer Burr
ELITE NOTCHBLASTER [®] Burrs	

Please contact your Smith & Nephew representative for additional Blade options.

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US Customer Service:
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72200726	4.0mm ELITE NOTCHBLASTER Burr
72200727	5.5mm ELITE NOTCHBLASTER Burr
ELITE STONECUTTER [®] Burrs	
72200728	4.0mm ELITE STONECUTTER Burr
72200729	5.5mm ELITE STONECUTTER Burr
ELITE Acromioblaster Burrs	
72200730	4.0mm ELITE Acromioblaster Burr
72200731	5.5mm ELITE Acromioblaster Burr
DYONICS HIGH VISIBILITY Hip Burrs	
Reference #	Description
Abrader Burrs	
72203128	4.0mm Abrader Burr with High-Visibility Sheath
72203127	5.5mm Abrader Burr with High-Visibility Sheath
Flat Top Burrs	
72203130	4.0mm Flat Top Burr with High-Visibility Sheath
72203129	5.5mm Flat Top Burr with High-Visibility Sheath
Barrel Burrs	
72203131	4.0mm Barrel Burr with High-Visibility Sheath
72203132	5.5mm Barrel Burr with High-Visibility Sheath
Specialty Curved Blades	
Reference #	Description
7205687	4.5mm ORBIT [®] INCISOR Plus Blade
7205321	4.5mm ORBIT SYNOVATOR Blade
7205323	4.5mm ORBIT Full Radius Blade
7210719	4.5mm ORBIT Full Radius Elite Blade
7210980	3.5mm Full Radius Blade, Curved
DYONICS [®] POWER II Control System	
All units 100–240VAC, 50/60Hz	
Reference #	Description
72201030	US System
72201034	UK System
All systems include a control unit, power cord and operations manual. Please call your Smith & Nephew representative for country-specific kits	
DYONICS POWER II Footswitch	
Reference #	Description
72201092	DYONICS POWER II Footswitch
DYONICS POWERMAX [®] ELITE Shaver Handpiece	
Reference #	Description
72200616	Hand-Controlled
72200617	Footswitch-Controlled
72200872	Hand-Controlled with Opposite-Side Suction

Supporting healthcare professionals for over 150 years