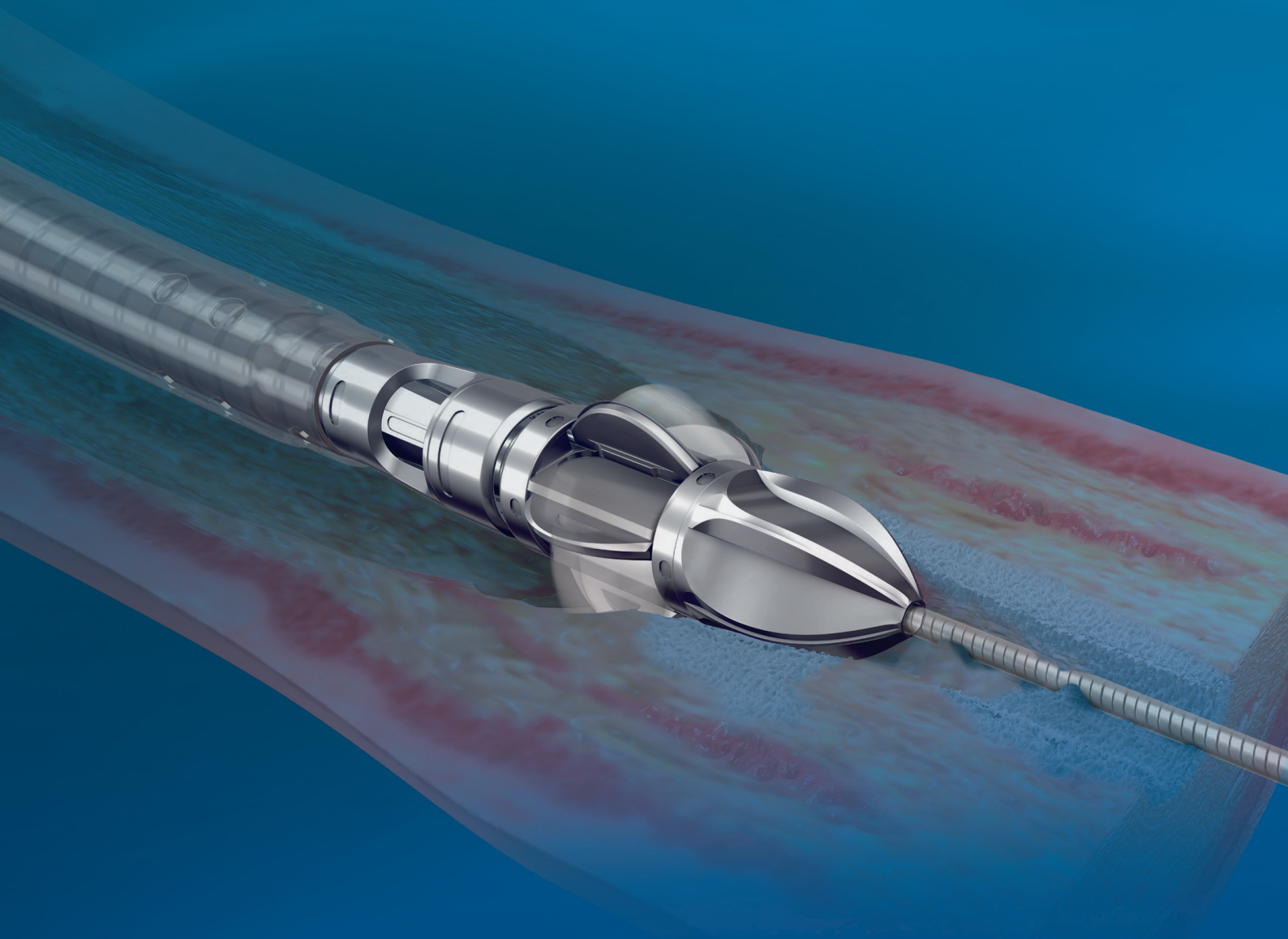
Boston Scientific
Advancing science for life™

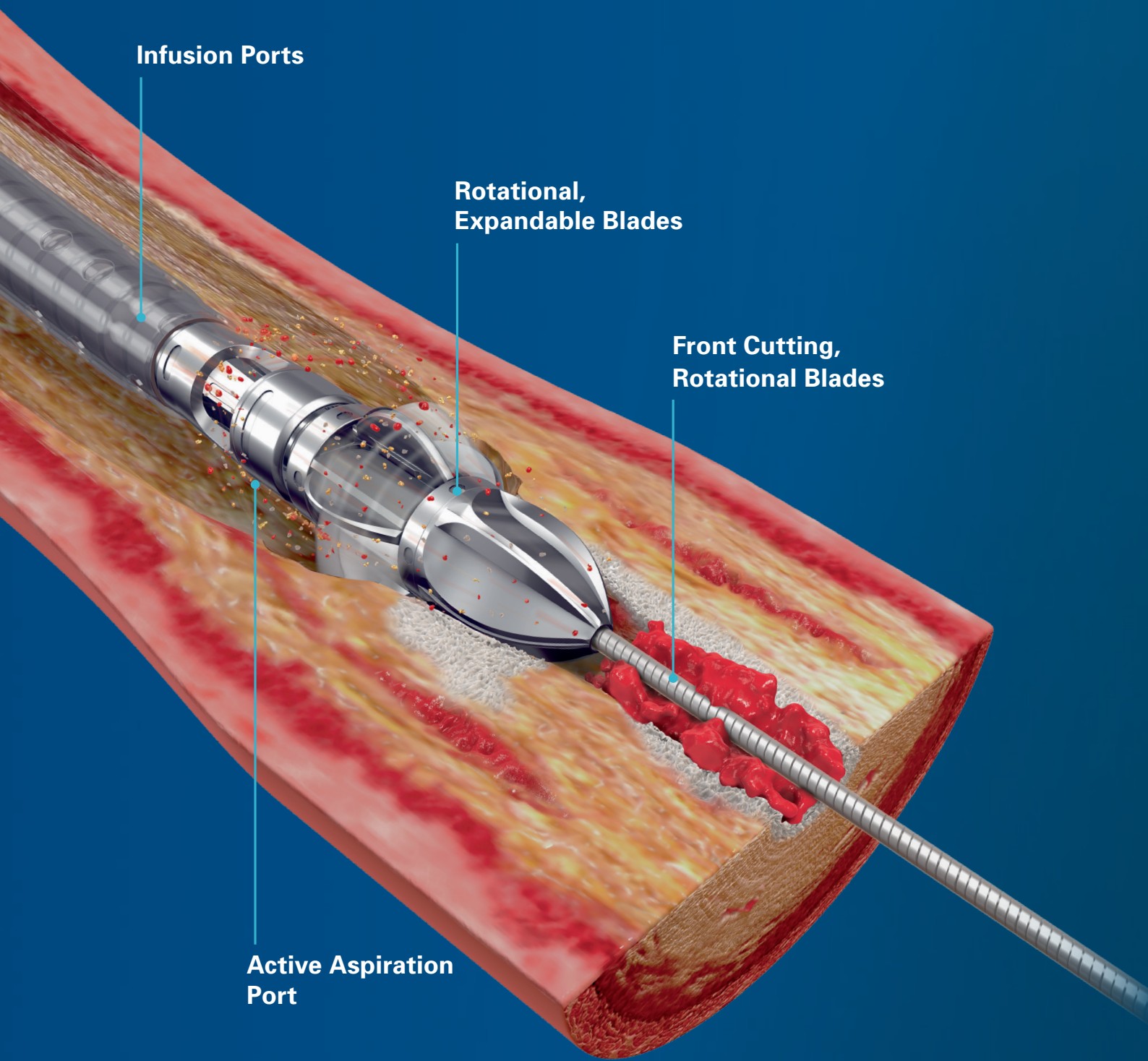
JETSTREAM™ Atherectomy System

CALCIUM. PLAQUE. THROMBUS.
TREAT IT ALL



CALCIUM. PLAQUE. THROMBUS.

Jetstream rotational atherectomy is engineered to predictably treat real-world lesions. Patients with PAD display a wide range of lesion characteristics such as long, diffuse disease and CTOs — which often include mixed morphologies like calcium, plaque and thrombus. **Jetstream is the only atherectomy device designed to *treat it all*.**



ROTATIONAL BLADES – Create Concentric Lumens

Rotational blades spin at ~70,000 RPMs to create concentric lumens, optimizing balloon-to-wall apposition for DCB or other adjunctive therapies.

FRONT-CUTTING BLADES – Immediately Engage Lesions

Five front-cutting blades immediately engage lesions and help enable the treatment of tight or occluded vessels.

EXPANDABLE BLADES – Provide Sizing Flexibility

"Blades Down/Blades Up" technology enables maximum luminal gain while providing the flexibility to treat multiple vessel diameters with the same catheter.

ACTIVE ASPIRATION – Helps Reduce Embolization Risk

Dynamic and continuous aspiration mechanically removes debris, helping to minimize the risk of distal embolization, and debulk the lesion.

DIFFERENTIAL CUTTING – Deflects Away from Healthy Tissue

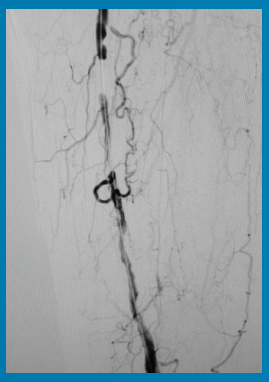
The mechanism of action allows the blades to cut the diseased, inelastic, tissue while deflecting away from the healthy, elastic, tissue.

TREAT IT ALL

JETSTREAM CASE EXAMPLES

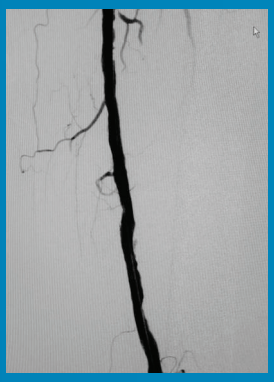
CASE 1:

Chronic Total Occlusion of the Superficial Femoral Artery



Hydrophilic 0.035" wire and support catheter used to cross SFA CTO

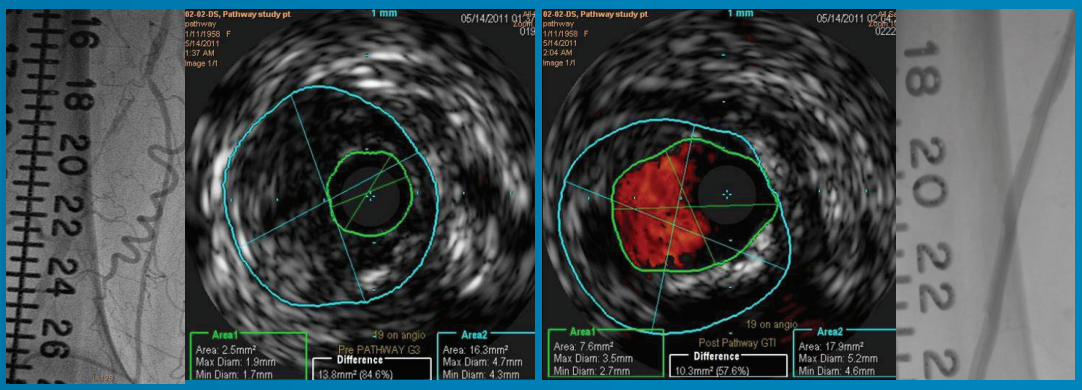
Stand-alone Jetstream result 2 passes blades down, 1 pass blades up with 2.4/3.4 mm XC catheter



Post DCB Two 6.0 x 100 mm drug-coated balloons

CASE 2:

Adductor Canal Disease



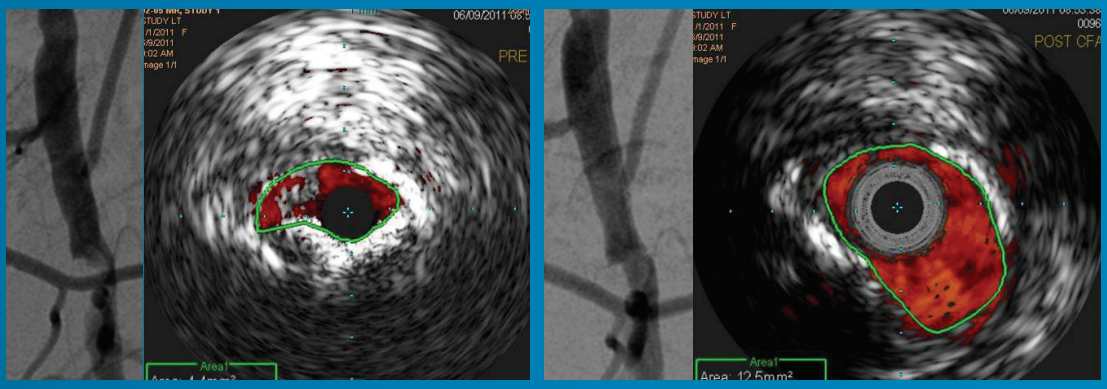
Adductor Canal disease

Stand-alone Jetstream result (IVUS image above) 2.1/3.0 mm XC catheter

Final angiogram following 5 x 80 balloon

CASE 3:

Common Femoral Artery Disease



Left Common Femoral disease

IVUS baseline of 4.4 mm² pre-treatment (270 degree arc of calcium)

Stand-alone Jetstream result, revealed by angiogram (prior to PTA)

IVUS imaging revealed lumen area of 12.5 mm² post-treatment

Results from case studies are not necessarily predictive of results in other cases. Results in other cases may vary. Case 1: Images courtesy of John Adeniyi, MD, Cases 2 and 3: Jetstream Calcium Study Boston Scientific images on file

REAL-WORLD CLINICAL DATA

JET REGISTRY1 — Treatment effects of Jetstream Atherectomy System

The JET Registry demonstrated a high freedom from TLR rate at 12-months and low distal embolization rate in patients with long (16.4 cm), real-world lesions.

Patient and Lesion Characteristics:
- 241 patients with 258 lesions
- 41% diabetic
- 16.4 cm lesion length
- 36.1% occluded
- 90% of lesions had visible calcium
- 47.7% Grade 3 and 4 calcium present

Procedure Details:
- 22.4% of cases used embolic protection
- 4.7 minutes average Jetstream Runtime
- 1.4% distal embolization rate

Key Clinical Results:

77.2%	81.7%	73.4%	58.2%
Patency*	Freedom from TLR	Rutherford Category Improvement	ABI Improvement

Drug Coated Balloons were not used in this study

70% of patients had no or minimal symptoms (Rutherford Category 0-1)

Post-Procedure: 98.3% of patients had ≤30% residual diameter stenosis

*Patency based on a DUS PSVR ≤2.5; Binary Restenosis was reported as 22.8%. The JET Registry had limited DUS follow-up at 12 months (57.241 patients)

JET-SCE2 — Jetstream + DCB

In the JET-SCE, the TLR rate was significantly reduced with atherectomy and adjunctive DCB compared to atherectomy with adjunctive PTA at 18-months.

Patient and Lesion Characteristics:
- 81 patients
- 53.1% Diabetic
- 25.9% CTOs
- 14.9 cm average lesion length in PTA cohort
- 12.0 cm average lesion length in DCB cohort

Key Clinical Results:

At 18-months results demonstrated...

91%

JETSTREAM + DCB
Freedom from TLR*

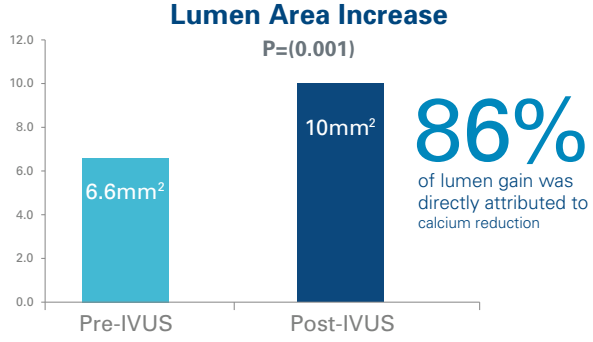
*18-month Jetstream + PTA = 63.7% Freedom from TLR

JETSTREAM CALCIUM STUDY3

The Jetstream Calcium study demonstrated Jetstream's ability to create statistically significant luminal gain in severe and moderate calcium as measured by IVUS.

Patient and Lesion Characteristics:
- 55 patients treated with Jetstream
- 56% Diabetic
- 63.6% Severe Calcium
- >90° superficial calcium, >5 mm in length

Key Clinical Results:



6.6 ±3.7 mm², 10.0 ±3.6 mm²

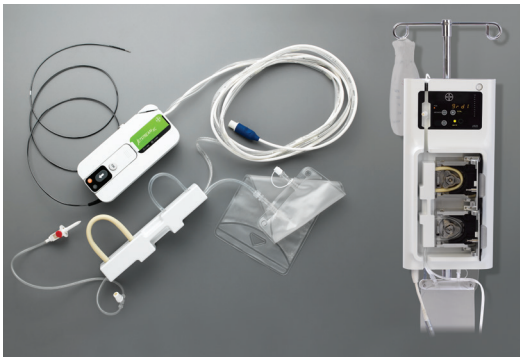
SPECIFICATIONS

Catheter Length	Min. Introducer Size	Max. Guidewire Diameter	Tip Diameter	Target Therapy Speed	GTIN	UPN/Order Code	Catalog Number	Unit	Qty
Jetstream™ 2.4/3.4 mm XC Atherectomy Catheter									
120 cm	7 F	0,014"	2,4 mm 3,4 mm	70K rpm	08714729889922	112266-001	PV41340	Each	1
Jetstream™ 2.1/3.0 mm XC Atherectomy Catheter									
135 cm	7 F	0,014"	2,1 mm 3,0 mm	70K rpm	08714729889892	112264-001	PV31300	Each	1
Jetstream™ 1.85 mm SC Atherectomy Catheter									
145 cm	7 F	0,014"	1,85 mm	73K rpm	08714729889861	112262-001	PV3118F	Each	1
Jetstream™ 1.6 mm SC Atherectomy Catheter									
145 cm	7 F	0,014"	1,6 mm	73K rpm	08714789889830	112260-001	PV3116F	Each	1

Consoles	UPN/Order Code
Jetstream™ Console EU	**050599-010**
Jetstream™ Console UK	**050500-020**

The C-Code used for the Jetstream Atherectomy System is C1724. C-Codes are used for hospital outpatient device reporting for Medicare and some private payers. Note: Boston Scientific Corporation is not responsible for correct use of codes on submitted claims; this information does not constitute reimbursement or legal advice.

1. Garcia, L. (2017). Jetstream atherectomy in treating de novo or non-stent restenotic femoropopliteal disease: One-year results from the JET registry. Registry results presented at the Leipzig Interventional Course (LINC), Leipzig, Germany
2. Shammas, N (2017). Long Term Outcomes with Jetstream Atherectomy System with or without Drug Coated Balloons in Treating Femoro-popliteal Arteries: A Single Center Experience (JET-SCE). JET-SCE results presented as a poster at Society for Cardiovascular Angiography and Interventions (SCAI) Scientific Sessions, New Orleans, LA.
3. Maehara A, Mintz G, Shimshak T, Ricotta J, Ramaiah V, Foster M, Davis T, Gray W. Intravascular ultrasound evaluation of JETSTREAM atherectomy removal of superficial calcium in peripheral arteries. EuroIntervention 2015;11:96-103



Jetstream System Components

Boston Scientific
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Jetstream™ Catheters combined with Console

PI-852208-AA Printed in Germany by medicalvision.

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