



MIS

ProView™

Minimal Access Portal
(MAP) System



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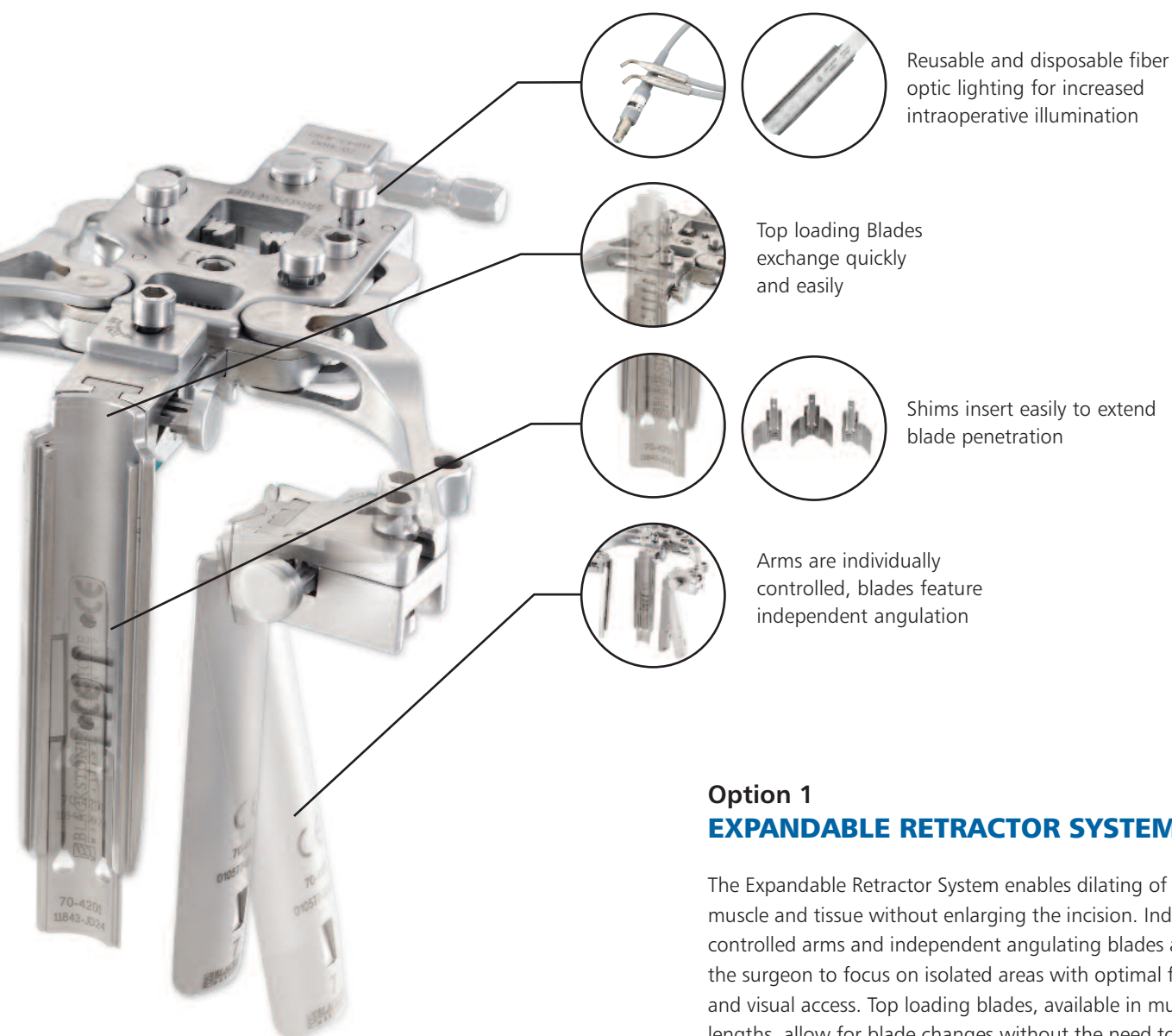
Minimal Access Portal (MAP) System

A BETTER ANGLE ON MIS

The next generation in minimally invasive spine surgery, the ProView MAP System introduces extraordinary benefits for both patient and surgeon. With an intuitive, step-by-step procedure, the ProView MAP System offers procedural simplicity and a versatile approach for straightforward implant delivery.

MINIMAL APPROACH WITH MAXIMUM IMPACT

The ProView MAP System consists of three elements: straight and beveled tubular retractors in multiple lengths, a unique 3-blade independently-controlled expandable retractor, and an easy-handling percutaneous screw delivery system that is used in conjunction with the Firebird™ Spinal Fixation System.



Reusable and disposable fiber optic lighting for increased intraoperative illumination

Top loading Blades exchange quickly and easily

Shims insert easily to extend blade penetration

Arms are individually controlled, blades feature independent angulation

Option 1 EXPANDABLE RETRACTOR SYSTEM

The Expandable Retractor System enables dilating of muscle and tissue without enlarging the incision. Individually controlled arms and independent angulating blades allow the surgeon to focus on isolated areas with optimal flexibility and visual access. Top loading blades, available in multiple lengths, allow for blade changes without the need to remove the retractor. Additional shims for blade extension, shims to prevent tissue creep, reusable and disposable fiber optic lighting, and a bilateral fitting make the system exceptionally versatile.

PUTTING SURGEONS FIRST

The benefits of minimally-invasive surgery make it the preferred surgical choice for minimally-invasive minded surgeons. The unique characteristics of the ProView MAP System are indicative of the paradigm shift in the way surgery is being performed today: starting small but thinking big.



Retractors in many configurations: flat and beveled ends, multiple lengths and diameters

Complete control during rod delivery

Reusable single and bifurcated fiber optic light cables for increased interoperative illumination

Screws lock onto head holders for secure screw engagement during implantation

Option 2 TUBULAR RETRACTOR SYSTEM

The Tubular Retractor System uses a step-by-step procedure to dilate the tissue concentrically for optimal viewing. A full complement of tubular retractor diameters and lengths are available to accommodate patient anatomies and surgeon needs. The inserter handle locks to the tubular retractor for complete control during insertion. The flexible arm provides variable positions, with rigidity that adjusts with a single knob. The arm can even be locked to the retractor for optimal security.

Option 3 PERCUTANEOUS SCREW DELIVERY SYSTEM

The system, used in conjunction with the Firebird™ Spinal Fixation System, supports accurate pedicle screw placement. Head holders lock to the screw bodies easily for secure engagement during implantation, while the rod inserter offers complete control and firmly delivers the rod into position. Simple compression, distraction, and reduction instrumentation offer increased interoperative versatility.

ONYX™ INSTRUMENTATION SET

A complement to any surgical procedure, the Onyx Instrumentation Set features a comprehensive set of black-coated, bayoneted instruments, specifically designed for cutting and soft tissue removal. Instruments are available in a variety of tip configurations and sizes for increased intraoperative versatility.



Caution: Federal law (USA) restricts these devices to sale by or on the order of a physician. Products licensed under US patents 5,466,237 and 5,474,555 and covered by Blackstone patents 6,540,748 and 6,524,310.

⚠ Refer to the instructions for use supplied with product for specific information on indications for use, contraindications, warnings, precautions, adverse reaction information, and sterilization.

Fusion | Biologics | MIS | Bone Growth Stimulation | Bracing

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