

A close-up photograph of a surgeon in an operating room. The surgeon is wearing blue scrubs, a blue surgical mask, and safety glasses. A head-mounted light is positioned in front of the surgeon's eyes. The surgeon is holding a white and blue device labeled 'RAMI DEVICE' with both hands, which is being used on a patient. The background is dark and out of focus, showing some medical equipment.

**2022
CARDIAC
GENERAL**
PRODUCT CATALOG

LSSOLUTIONS®



ADVANCE
SURGERY

IMPROVE
OUTCOMES

REDUCE
PAIN



Our approach at LSI SOLUTIONS® is that “Good Enough” is not good enough when helping a sick patient. We recognize that it is our privilege to truly enable a positive impact in a person’s life. We are dedicated to improving intra-operative and post-operative patient outcomes by advancing less invasive Cardiac and General surgery.

We believe surgery is now poised for an amazing Renaissance. This new era must be kinder and gentler. Surgery must focus on offering patients highly effective durable clinical outcomes with minimal pain and rapid recovery. We are proud to encourage, equip, and empower surgeons striving for optimized patient care. LSI will help lead this important advance.

Our goal is to help more patients in more places through our growing portfolio of exciting products. LSI is dedicated to supporting wonderful surgeons and their teams across the world with innovative technology, techniques and training. We are grateful to provide meaningful value to society, and most importantly, to patients.

A handwritten signature in black ink that reads "Jude" with a stylized flourish underneath.

Jude S. Sauer, MD
Founder, President and CEO

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All products in this catalog are supplied sterile unless otherwise specified.



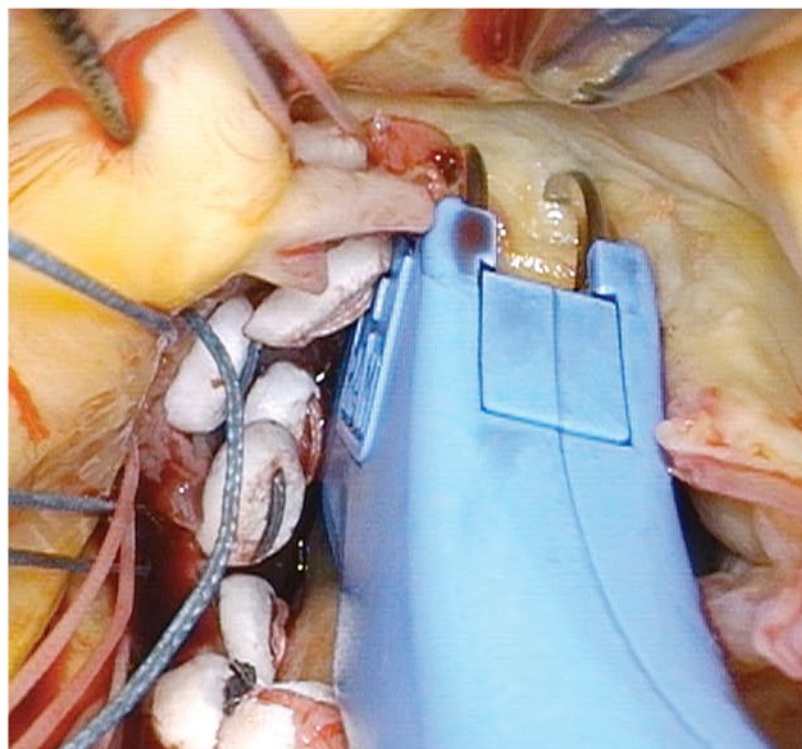
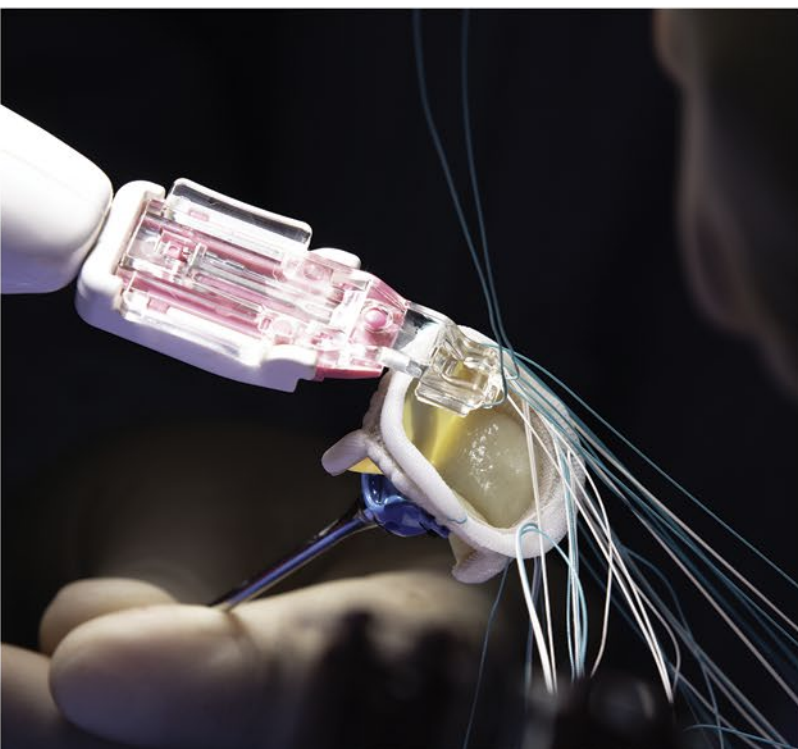
All medical devices in this product catalog are CE approved.





SUTURING

We strive to move the needle forward. Our automated suturing technology is designed to enable minimally invasive procedures, reduce trauma, save time and make challenging anatomy easier for you and your team to sew.



Suturing

RAM® DEVICE 3.5

Automated Dual Curved Needle Suturing Device
3.5mm Suture Spacing



Reorder	Description	Quantity
021900	RAM DEVICE 3.5 KIT 2 Devices per Kit	Box of 6 Kits

RAM® COR-SUTURE® 3.5

3.5mm Suture Spacing – Pledgeted Green



Reorder	Description	Quantity
022039	RAM® COR-SUTURE® QUICK LOAD® SINGLES 2-0 Polyester, Green, Non-Absorbable, 38" 1 Suture per Pouch	Box of 12 Sutures

RAM® COR-SUTURE® 3.5

3.5mm Suture Spacing – Pledgeted White



Reorder	Description	Quantity
022047	RAM® COR-SUTURE® QUICK LOAD® SINGLES 2-0 Polyester, White, Non-Absorbable, 38" 1 Suture per Pouch	Box of 12 Sutures

RAM® COR-SUTURE® 3.5

3.5mm Suture Spacing – Pledgeted Green/White Striped



Reorder	Description	Quantity
022335	RAM® COR-SUTURE® QUICK LOAD® SINGLES 2-0 Polyester, Green/White Striped, Non-Absorbable, 38" 1 Suture per Pouch	Box of 12 Sutures

RAM® COR-SUTURE® 3.5

3.5mm Suture Spacing

6-Tray – Pledgeted Green (3) and White (3)



Reorder	Description	Quantity
022090	RAM® COR-SUTURE® QUICK LOAD® 6-TRAY 2-0 Polyester, Green (3) and White (3), Non-Absorbable, 38" 6 Sutures per Tray	Box of 6 Trays

RAM® COR-SUTURE® 3.5

3.5mm Suture Spacing – Non Pledgeted Green



Reorder	Description	Quantity
022325	RAM® COR-SUTURE® QUICK LOAD® SINGLES 2-0 Polyester, Green, Non-Absorbable, 38" 1 Suture per Pouch	Box of 12 Sutures

RAM® COR-SUTURE® 3.5

3.5mm Suture Spacing – Non Pledgeted White



Reorder	Description	Quantity
022320	RAM® COR-SUTURE® QUICK LOAD® SINGLES 2-0 Polyester, White, Non-Absorbable, 38" 1 Suture per Pouch	Box of 12 Sutures

RAM® COR-SUTURE® 3.5

3.5mm Suture Spacing – Non Pledgeted Green/White Striped



Reorder	Description	Quantity
022340	RAM® COR-SUTURE® QUICK LOAD® SINGLES 2-0 Polyester, Green/White Striped, Non-Absorbable, 38" 1 Suture per Pouch	Box of 12 Sutures

Suturing

RAM® DEVICE 5.0

Automated Dual Curved Needle Suturing Device
5mm Suture Spacing



Reorder	Description	Quantity
022580	RAM® DEVICE 5.0 KIT 2 Devices per Kit	Box of 6 Kits

RAM® COR-SUTURE® 5.0

5mm Suture Spacing – Pledgeted Green



Reorder	Description	Quantity
022668	RAM® COR-SUTURE® QUICK LOAD® SINGLES 2-0 Polyester, Green, Non-Absorbable, 38" 1 Suture per Pouch	Box of 12 Sutures

RAM® COR-SUTURE® 5.0

5mm Suture Spacing – Pledgeted White



Reorder	Description	Quantity
022671	RAM® COR-SUTURE® QUICK LOAD® SINGLES 2-0 Polyester, White, Non-Absorbable, 38" 1 Suture per Pouch	Box of 12 Sutures

RAM® COR-SUTURE® 5.0

5mm Suture Spacing – Pledgeted Green/White Striped



Reorder	Description	Quantity
022674	RAM® COR-SUTURE® QUICK LOAD® SINGLES 2-0 Polyester, Green/White Striped, Non-Absorbable, 38" 1 Suture per Pouch	Box of 12 Sutures

RAM® COR-SUTURE® 5.0

5mm Suture Spacing

6-Tray – Pledgeted Green (3) and White (3)



Reorder	Description	Quantity
022677	RAM® COR-SUTURE® QUICK LOAD® 6-TRAY 2-0 Polyester, Green (3) and White (3), Non-Absorbable, 38" 6 Sutures per Tray	Box of 6 Trays

RAM® COR-SUTURE® 5.0

5mm Suture Spacing – Non Pledgeted Green



Reorder	Description	Quantity
022680	RAM® COR-SUTURE® QUICK LOAD® SINGLES 2-0 Polyester, Green, Non-Absorbable, 38" 1 Suture per Pouch	Box of 12 Sutures

RAM® COR-SUTURE® 5.0

5mm Suture Spacing – Non Pledgeted White



Reorder	Description	Quantity
022683	RAM® COR-SUTURE® QUICK LOAD® SINGLES 2-0 Polyester, White, Non-Absorbable, 38" 1 Suture per Pouch	Box of 12 Sutures

RAM® COR-SUTURE® 5.0

5mm Suture Spacing – Non Pledgeted Green/White Striped



Reorder	Description	Quantity
022686	RAM® COR-SUTURE® QUICK LOAD® SINGLES 2-0 Polyester, Green/White Striped, Non-Absorbable, 38" 1 Suture per Pouch	Box of 12 Sutures

Suturing

SEW-EASY® DEVICE 3.5 COMBO KIT

Automated Dual Needle Prosthetic Suturing Devices and Cassettes
3.5mm Suture Spacing



Reorder	Description	Quantity
022200	SEW-EASY® DEVICE 3.5 COMBO KIT 2 Devices, 12 Cassettes, and 2 Valve Handles per Kit	Box of 6 Kits

SEW-EASY® DEVICE 3.5 DEVICE KIT

Automated Dual Needle Prosthetic Suturing Devices
3.5mm Suture Spacing



Reorder	Description	Quantity
022201	SEW-EASY® DEVICE 3.5 KIT 2 Devices and 2 Valve Handles per Kit	Box of 6 Kits

SEW-EASY® DEVICE 3.5 CASSETTE SINGLES

3.5mm Dual Needle Cassette



Reorder	Description	Quantity
022160	SEW-EASY® DEVICE 3.5 CASSETTE SINGLES 1 Cassette per Pouch	Box of 12 Cassettes

SEW-EASY® DEVICE 5.0 COMBO KIT

Automated Dual Needle Prosthetic Suturing Devices and Cassettes
5mm Suture Spacing



Reorder	Description	Quantity
022797	SEW-EASY® DEVICE 5.0 COMBO KIT 2 Devices, 12 Cassettes, and 2 Valve Handles per Kit	Box of 6 Kits

SEW-EASY® DEVICE 5.0 DEVICE KIT

Automated Dual Needle Prosthetic Suturing Devices
5mm Suture Spacing



Reorder	Description	Quantity
022804	SEW-EASY® DEVICE 5.0 KIT 2 Devices and 2 Valve Handles per Kit	Box of 6 Kits

SEW-EASY® DEVICE 5.0 CASSETTE SINGLES

5mm Dual Needle Cassette



Reorder	Description	Quantity
022811	SEW-EASY® DEVICE 5.0 CASSETTE SINGLES 1 Cassette per Pouch	Box of 12 Cassettes

SEW-EASY® SNARE

Prosthetic Suture Snaring Device



Reorder	Description	Quantity
022540	SEW-EASY® SNARE 1 Snare per Pouch	Box of 12 Snares

KNOTTING

Stronger, faster, and more reliable than hand-tied knots. Our titanium suture fastening technology is advancing surgery, improving outcomes, and reducing pain.

CARDIAC SURGERY



Knotting

COR-KNOT® DEVICE COMBO KIT

Titanium Suture Fastening Devices and Quick Load® Units
5mm Shaft Diameter – 31cm Length



Reorder	Description	Quantity
031105	COR-KNOT® COMBO KIT 2 Devices & 12 Fasteners per Kit	Box of 6 Kits

COR-KNOT® DEVICE KIT

Titanium Suture Fastening Devices
5mm Shaft Diameter – 31cm Length



Reorder	Description	Quantity
030925	COR-KNOT® DEVICE KIT 2 Devices per Kit	Box of 6 Kits

COR-KNOT® MINI COMBO KIT

Titanium Suture Fastening Devices and Quick Load® Units
4mm Shaft Diameter – 17cm Length



Reorder	Description	Quantity
031450	COR-KNOT® MINI COMBO KIT 2 Devices & 12 Fasteners per Kit	Box of 6 Kits

COR-KNOT® MINI DEVICE KIT

Titanium Suture Fastening Devices
4mm Shaft Diameter – 17cm Length



Reorder	Description	Quantity
031400	COR-KNOT® MINI DEVICE KIT 2 Devices per Kit	Box of 6 Kits

COR-KNOT® QUICK LOAD® UNIT SINGLES

Titanium Fastener in Customized Quick Load Unit



Reorder	Description	Quantity
030950	COR-KNOT® QUICK LOAD® SINGLES 1 Fastener per Pouch	Box of 12 Singles

COR-KNOT® QUICK LOAD® UNITS 6-POUCH

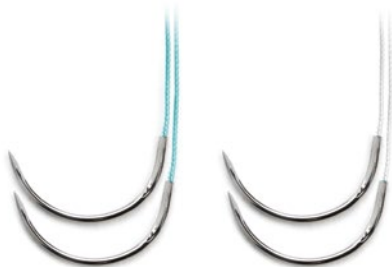
Titanium Fasteners in Customized Quick Load Units



Reorder	Description	Quantity
030902	COR-KNOT® QUICK LOAD® 6-POUCH 6 Fasteners per Pouch	Box of 12 Pouches

CK® SUTURE

Tevdek® Suture manufactured by Teleflex® Medical



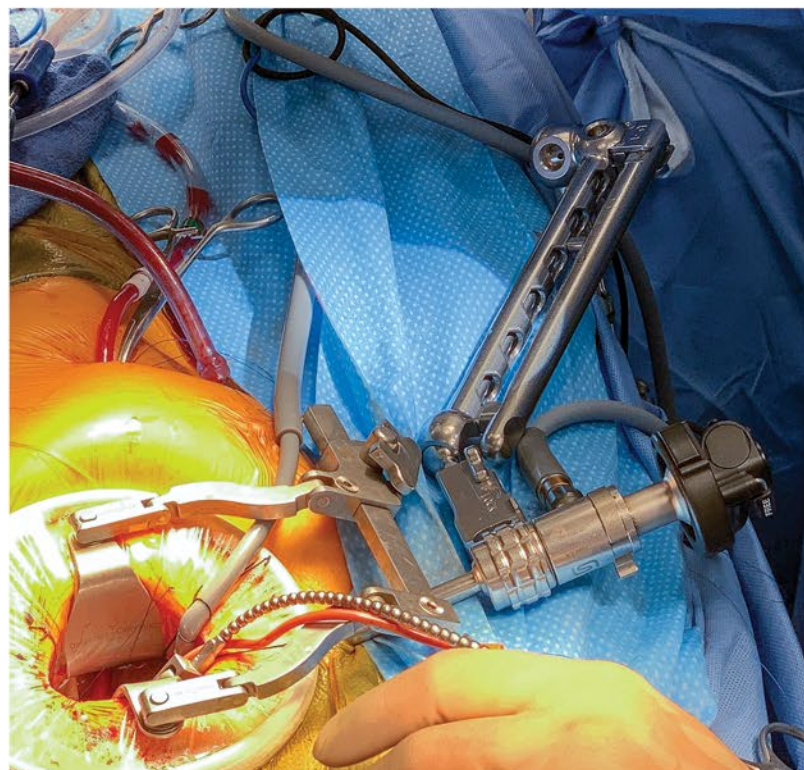
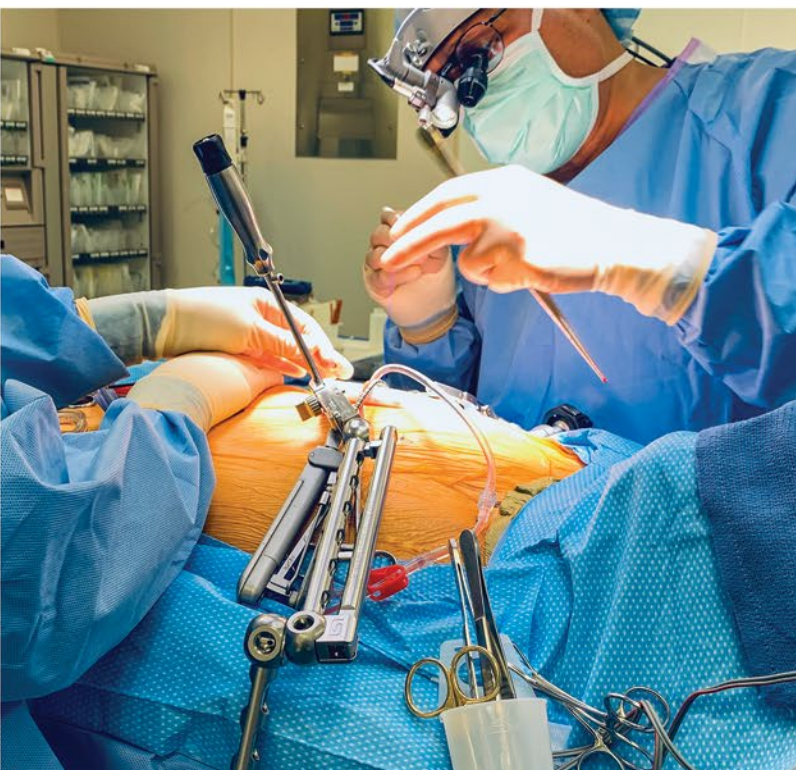
Reorder	Description	Quantity
100002	CK® SUTURE 2-0 (3) Green Braided PTFE Impregnated Polyester Fiber Nonabsorbable Surgical Suture, U.S.P., 30" KT-3, KT-3, 1/2 Circle, K-Point	Box of 12 Sutures

Reorder	Description	Quantity
100009	CK® SUTURE 2-0 (3) White Braided PTFE Impregnated Polyester Fiber Nonabsorbable Surgical Suture, U.S.P., 30" KT-3, KT-3, 1/2 Circle, K-Point	Box of 12 Sutures

ACCESS & EXPOSURE

From instrument holders to suture management systems, our technology is designed to assist, reduce trauma, and make surgery easier for you and your team.

CARDIAC SURGERY



Access & Exposure

multiSTATION™ SYSTEM
triDOC™ Rail Clamp



Reorder	Description	Quantity
081000	multiSTATION™ SYSTEM triDOC™ Rail Clamp 1 Rail Clamp per Box Supplied Non-Sterile	Box of 1 Device

multiSTATION™ SYSTEM
duoDOC™ L Rail Clamp



Reorder	Description	Quantity
081023	multiSTATION™ SYSTEM duoDOC™ L Rail Clamp 1 Rail Clamp per Box Supplied Non-Sterile	Box of 1 Device

multiSTATION™ SYSTEM
duoDOC™ R Rail Clamp



Reorder	Description	Quantity
081024	multiSTATION™ SYSTEM duoDOC™ R Rail Clamp 1 Rail Clamp per Box Supplied Non-Sterile	Box of 1 Device

multiSTATION™ SYSTEM
monoDOC™ Rail Clamp



Reorder	Description	Quantity
081022	multiSTATION™ SYSTEM monoDOC™ Rail Clamp 1 Rail Clamp per Box Supplied Non-Sterile	Box of 1 Device

Access & Exposure

multiSTATION™ SYSTEM

M45™ CLICK RELEASE™ miniARM® HOLDER



Reorder	Description	Quantity
081010	multiSTATION™ SYSTEM M45™ CLICK RELEASE™ miniARM® HOLDER 1 Holder per Box Supplied Non-Sterile	Box of 1 Device

multiSTATION™ SYSTEM

M55™ RIGID miniARM® HOLDER



Reorder	Description	Quantity
080950	multiSTATION™ SYSTEM M55™ RIGID miniARM® HOLDER 1 Holder per Box Supplied Non-Sterile	Box of 1 Device

multiSTATION™ SYSTEM

SubX™ STERNAL ASCENDER™ SYSTEM



Reorder	Description	Quantity
080900	multiSTATION™ SYSTEM SubX™ STERNAL ASCENDER™ SYSTEM 1 Sternal Ascender per Box Supplied Non-Sterile	Box of 1 Device

multiSTATION™ SYSTEM

LIMA RetroSterno™ Paddle



Reorder	Description	Quantity
081214	multiSTATION™ SYSTEM LIMA RetroSterno™ Paddle 1 Paddle per Box Supplied Non-Sterile	Box of 1 Device

Access & Exposure

multiSTATION™ SYSTEM

RIMA RetroSterno™ Paddle



Reorder	Description	Quantity
081241	multiSTATION™ SYSTEM RIMA RetroSterno™ Paddle 1 Paddle per Box Supplied Non-Sterile	Box of 1 Device

multiSTATION™ SYSTEM

RetroSterno™ Paddle Kit



Reorder	Description	Quantity
081202	multiSTATION™ SYSTEM RetroSterno™ Paddle Kit 1 LIMA and 1 RIMA Paddle per Box Supplied Non-Sterile	Box of 1 Device

multiSTATION™ SYSTEM

miniARM® CLAMPING ADAPTER - Shafted Instrument Holder



Reorder	Description	Quantity
080519	multiSTATION™ SYSTEM miniARM® CLAMPING ADAPTER 1 Adapter per Box Supplied Non-Sterile	Box of 1 Device

multiSTATION™ SYSTEM

miniARM® ACCESS ADAPTER - 3D® MAP Holder



Reorder	Description	Quantity
080670	multiSTATION™ SYSTEM miniARM® ACCESS ADAPTER 1 Adapter per Box Supplied Non-Sterile	Box of 1 Device

Access & Exposure

multiSTATION™ SYSTEM miniARM® STERILIZATION TRAY®



Reorder	Description	Quantity
100034	multiSTATION™ SYSTEM miniARM® SYSTEM STERILIZATION TRAY Will accept all multiSTATION™ SYSTEM and miniARM® products 1 Tray per Box Supplied Non-Sterile	Box of 1 Device

Manufactured by: Summit Medical, St. Paul, MN 55121

VALVEVAULT™ DEVICE Small



Reorder	Description	Quantity
081025	VALVEVAULT™ DEVICE 1 Device per Box - 19mm/21mm	Box of 1 Device

VALVEVAULT™ DEVICE Medium



Reorder	Description	Quantity
080130	VALVEVAULT™ DEVICE 1 Device per Box - 23mm/25mm	Box of 1 Device

VALVEVAULT™ DEVICE Large



Reorder	Description	Quantity
081035	VALVEVAULT™ DEVICE 1 Device per Box - 27mm/29mm	Box of 1 Device

Access & Exposure

VALVEVAULT™ DEVICE KIT



Reorder	Description	Quantity
081040	VALVEVAULT™ DEVICE KIT Combo Box of 3 Devices (1 of each size)	Box of 1 Kit

VALVEVAULT™ DEVICE STERILIZATION TRAY



Reorder	Description	Quantity
100035	VALVEVAULT™ DEVICE STERILIZATION TRAY 1 Tray per Box	Box of 1 Tray

Manufactured by: Summit Medical, St. Paul, MN 55121

RAM® RING

Suture Management System



Reorder	Description	Quantity
080215	RAM® RING Suture Management System 1 Device per Box	Box of 8 Devices

RAM® RACK

Suture Management System



Reorder	Description	Quantity
080228	RAM® RACK Suture Management System 3 Devices per Box	Box of 3 Devices



KNOTTING

Stronger, faster, and more reliable than hand-tied knots. Our titanium suture fastening technology is advancing surgery, improving outcomes, and reducing pain.

**GENERAL
SURGERY**



Knotting

TK® TI-KNOT® DEVICE

Titanium Suture Fastening Device
5mm Shaft Diameter – 31cm Length



Reorder	Description	Quantity
032495	TK® TI-KNOT® DEVICE 1 Device per Box	Box of 6 Devices

TK® QUICK LOAD® UNIT SINGLES

Titanium Fastener in Customized Quick Load Unit



Reorder	Description	Quantity
032496	TK® QUICK LOAD® UNIT SINGLES 1 Fastener per Pouch	Box of 12 Singles

Photo Credits

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Page 27: Tahir Chaudhry, MD, Doctor of Obstetrics, Olean General Hospital, Olean, NY





INSPIRED BY **CARING**

Our customer is ultimately
a patient. Our technology
challenges human illness.
Our mission is to lead the
world in surgical innovation
through product
development and sales.

LSISOLUTIONS®

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