

Life Enhancing Innovation.



advancing the way we care

Distributorship with



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advancing the way we care



Advanced Wound Care



Advanced Cardiovascular Solutions



Advanced Hernia Solutions



Advanced Endo Surgery

Vision

Serve and care for more healthcare professionals and patients.

Mission

Become the most preferred company by providing high quality medical technologies at affordable prices to meet the needs of patients, healthcare professionals and providers in the global markets whilst serving and meeting our Corporate Social Responsibilities.



SERVING AND CARING FOR MORE PATIENTS

Advanced MedTech Solutions (AMS) is dedicated to advancing patient care by providing high quality medical device technologies to serve the needs of more patients and healthcare professionals.

Global healthcare needs are increasing and the collective capacity to answer them is challenged by meeting the demands of an aging population, the growing burden of chronic disease, and complex healthcare policies, it's incredibly clear the pace of change has never been greater.

The desire to make a difference in patients' lives led to the genesis of AMS.

EMPOWERING HEALTHCARE PROFESSIONALS

Headquartered in Vadodara, India, the company was established by an elite team of respected industry leaders and visionaries who understand the challenges of the current healthcare environment.

Redefining and raising the bar on standards of quality, care and trust. Our unwavering mission is to improve patient care through meaningful solutions.

LIFE ENHANCING INNOVATION

Our state-of-the-art facility is located in the industrial center of Vadodara, Gujarat. This eco-friendly manufacturing plant is singular in design and distinguished in efficiency. Designed by renowned Spanish architect Ricardo Bofill, it is equipped to manufacture a cutting-edge class of medical devices that meet the most stringent global standards.

It serves as a technological and healthcare ecosystem focused on the medical science fields of Advanced Surgical & Interventional Cardiology Solutions.

ADVANCING THE SPECTRUM OF HEALTHCARE

With a dedication to excellence, we are committed to optimizing patient outcomes through quality, affordability, and accessibility – the heart of the AMS mission.

Reaching out to healthcare professionals and providers around the world, Advanced MedTech Solutions offers a compelling choice with a corporate and social responsibility founded on advancing the way we care for generations to come.



State of the Art Excellence

Commitment to People



Commitment to Professional Development

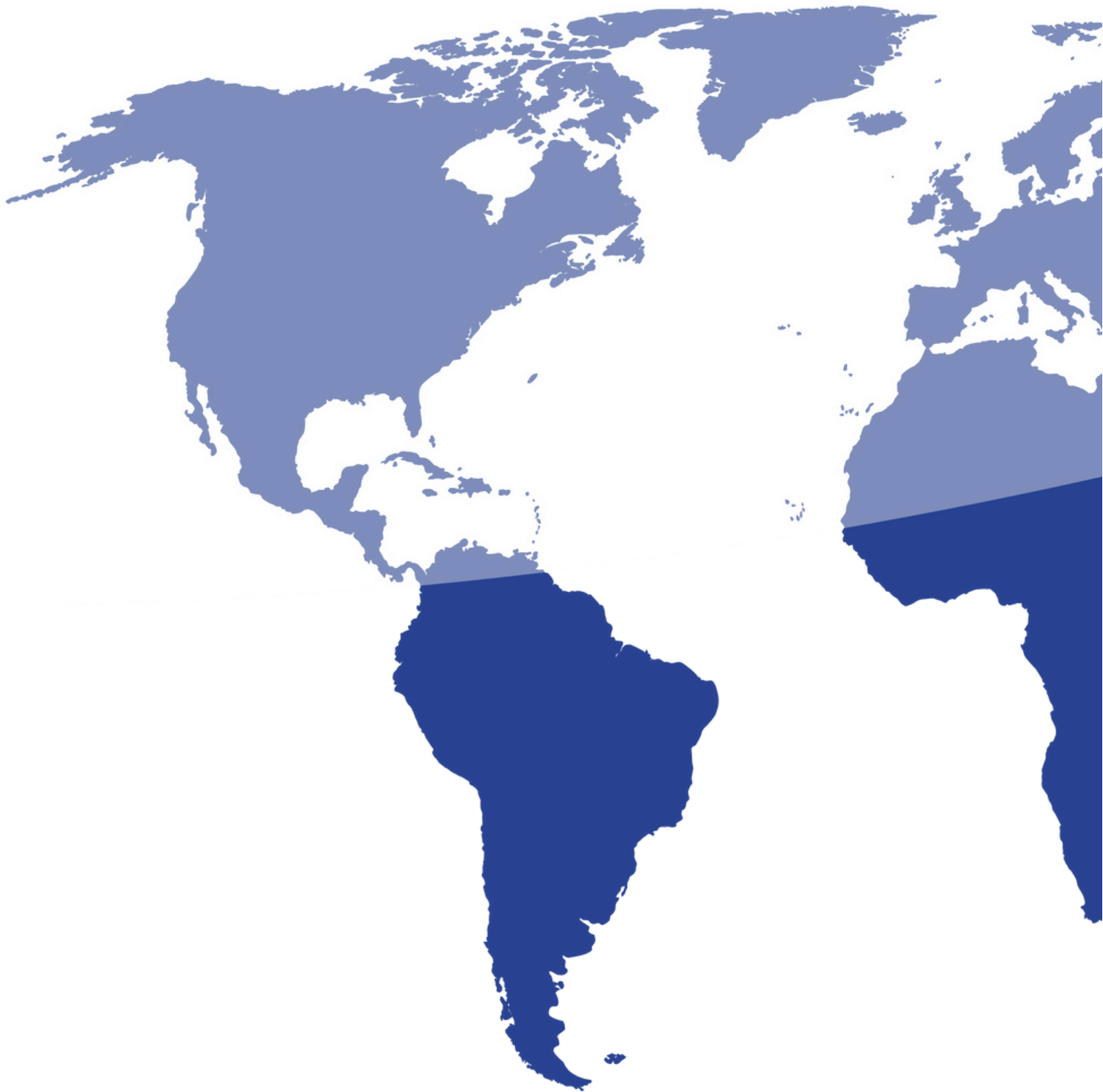


Commitment to Quality



Commitment to Research and Innovation





Geographical Footprints

4

Corporate

1

Manufacturing

5

Therapies

164

Countries

Disclaimer: Please contact an AMS representative for CE & registration status of the products in your region.



Touching **2** Lives Every Second



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Corporate Office

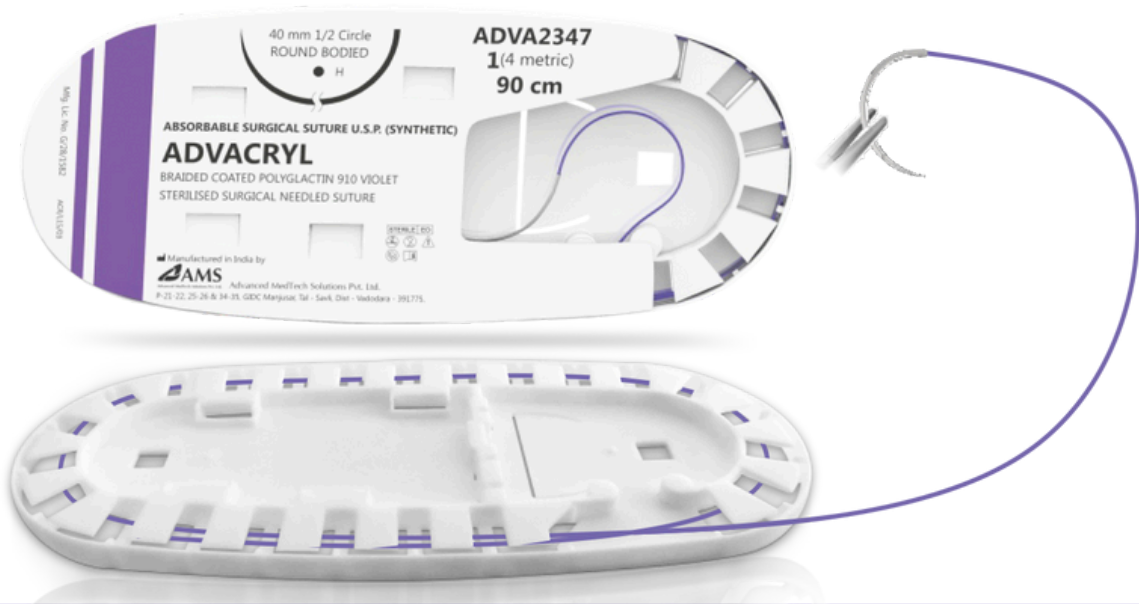
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ADVA TRAY[®] - the confidence to suture with ease







ADVA TRAY[®] a unique dispensing system designed to deliver ease of suture dispensing with minimal memory in the suture strand

Impeccable suturing experience for surgeons | Eliminates the need of suture lubrication

Premium needles for consistent superior performance

Minimal tissue trauma enables faster recovery

Premium needles ensure unsurpassed suturing experience

<p>DURABLE COAT Retains Sharpness Pass After Pass</p>  <p>Maintains needle sharpness over the duration of procedure, resulting in consistent penetration pass after pass thus less potential for tissue trauma.</p>	<p>RIBBED BODY* For Superior Control</p>  <p>For superior grasping and stability of needle in needle forceps.</p>	<p>CHAMFERING Minimum Suture Detachment</p>  <p>Diminishes chances for suture fracturing at the swage, by rounding off the sharp edges of the barrel in the swage area of the needle.</p>	<p>MICROFINISHING* Smooth & Bright</p>  <p>Makes needle surface free from micro asperities, thus creates ultra sharp edges for lesser tissue drag.</p>
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* Certain Features are common in specific needles

ADVACRYL[®] Braided Coated Polyglactin 910 (Undyed & Violet)



Consistent performance for confidence in a variety of soft tissue approximation



With great versatility comes the confidence to meet specific needs

Product Description

Composition	90% Glycolide, 10% L-lactide
Coating	Copolymer of Poly (glycolide-co-lactide) and Calcium Stearate
Available Sizes	U.S.P. 2 to 6-0
Colour	Undyed and Violet
Absorption Profile	Essentially complete upto 80 days
Needle Availability	A wide variety of Round Bodied (Taper Point), Ball Point, Cutting, Taper Cut, Trocar, Reverse Cutting, Blunt Point, Oval Round Bodied, Diamond Point & Spatula Micro Point Needles

Tensile Strength

Days of Implantation	14 Days	21 Days	28 Days
Tensile Strength Retention	75%	55%	20%

ADVANTAGES:

- Excellent knot security & lesser knot slippage
- Provides excellent support for range of critical wound healing period
- Tighter braided construction

With great versatility comes the confidence to meet specific needs

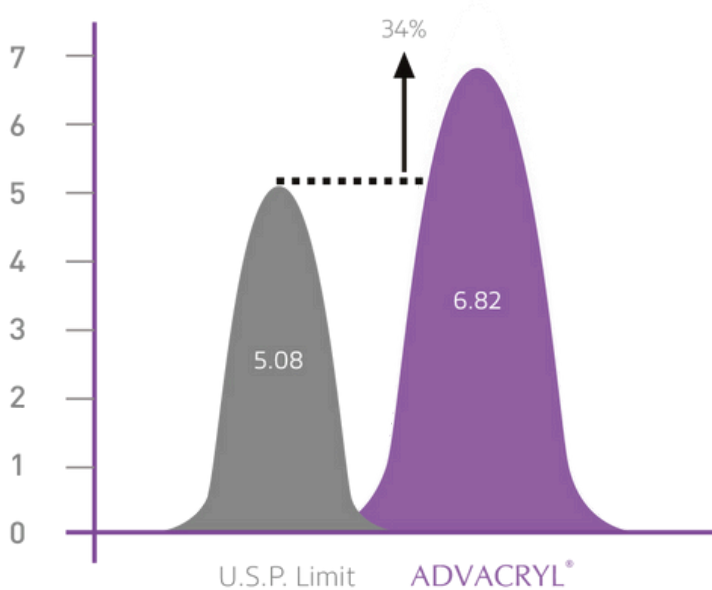
Versatile suture that meets specific wound healing needs of different tissue layers

The ADVACRYL® Edge

Provides excellent support for a range of critical wound healing periods to secure closure in a variety of tissues, procedures and patients¹



Knot pull tensile strength (KgF)



34% more knot pull tensile strength than U.S.P. limit ensures knot security³

REFERENCES

1. ADVACRYL IFU - Data on file with AMS

2. Data on file with AMS

3. Data on file with AMS - Bench test done on Polyglactin - 910 U.S.P. Size - 1, 40 mm Round bodied needle

Excellent Handling Characteristics ensures:

- Superior first throw hold
- Easy knot-repositioning
- Excellent knot security & lesser knot slippage

Superior swage point integrity



Tighter Braided Construction ensures:

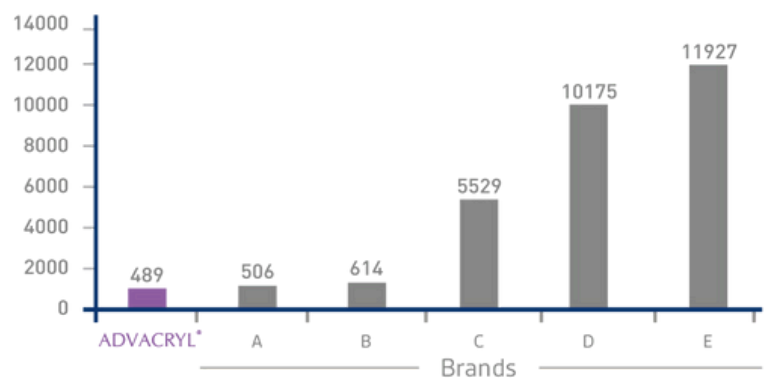
- Smoother suture surface for minimal tissue drag & trauma
- Lesser changes of bacterial colonization

Advanced tipping & mechanical drilling ensures minimal suture detachment at the swage point²

Robust manufacturing process & superior primary aluminium packaging²

Least moisture content in the suture foil ensures uniform tensile strength & long term sterility throughout shelf life

Moisture content per pack (μg)³



ADVACRYL PLUS[®] Antibacterial with Triclosan Braided Coated Polyglactin 910 (Undyed & Violet)



Consistent performance for confidence in a variety of soft tissue approximation minimizing Surgical Site Infections (SSI)



With great versatility comes the confidence to meet specific needs

Product Description

Composition	90% Glycolide, 10% L-lactide
Coating	Poly (glycolide-co-lactide) (Glacomer 37) and Calcium Stearate, Triclosan
Available Sizes	U.S.P. 2 to 4-0
Colour	Undyed and Violet
Absorption Profile	Essentially complete upto 80 days
Needle Availability	A wide variety of Round bodied (Taper Point), Oval Round bodied, Ball Point, Cutting, Taper Cut, Reverse Cutting, Blunt Point, Trocar, Diamond Point & Spatula Micro Point Needles

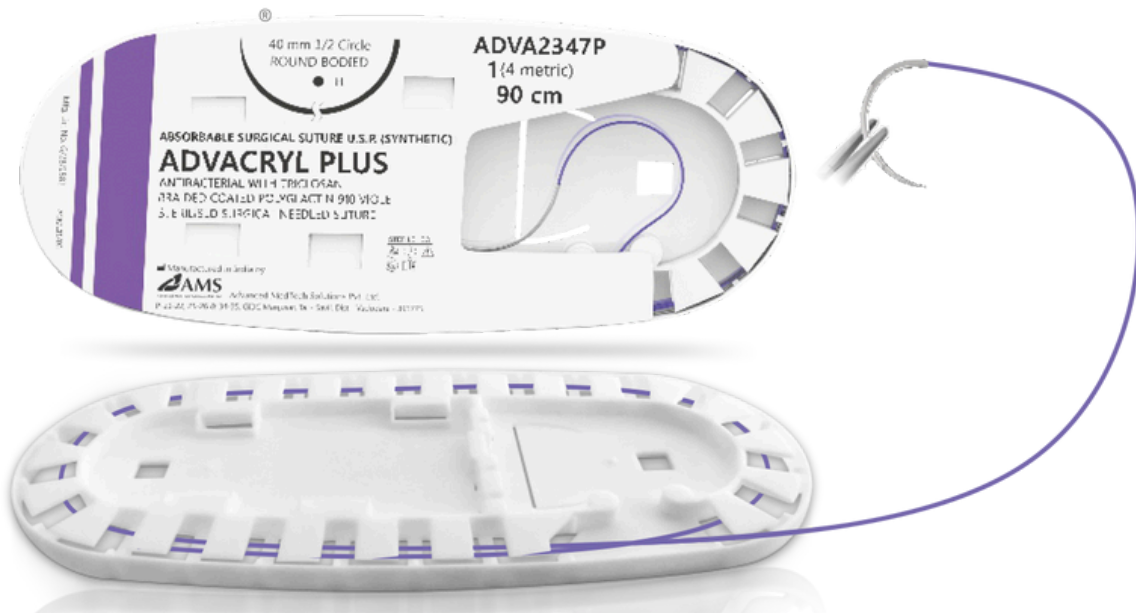
Tensile Strength

Days of Implantation	14 Days	21 Days	21 Days	28 Days
	(2 to 4-0)	(0 & 2-0 to 4-0)	(2 & 1)	(2 to 4-0)
Tensile Strength Retention	75%	55%	40%	15%

ADVANTAGES:

- Reduces the risk of post-operative surgical site infections
- Gentle knot repositioning
- Excellent knot security
- Tighter braided construction

ADVA TRAY - the confidence to suture with ease



ADVA TRAY® a unique dispensing system designed to deliver ease of suture dispensing with minimal memory in the suture strand

Impeccable suturing experience for surgeons | Eliminates the need of suture lubrication

SSI is the third most common infection among hospital acquired infections¹

Majority of patients' wounds presented for surgery are either clean-contaminated or contaminated²

Contamination further multiplies the risk of surgical site infections^{2,4}

Risk of SSI in patients with

2.1%	3.3%	6.4%
Clean wounds	Clean-contaminated wounds	Contaminated wounds

Surgical site infections lead to:

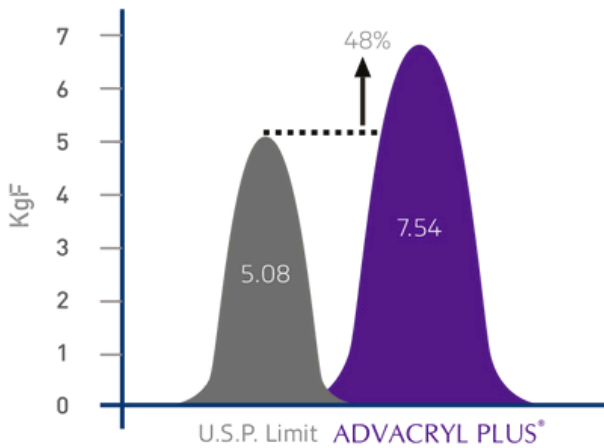
9.8 Days	2-11 Times ³
Extra postoperative stay ²	Increased risk of death due to surgery

With great versatility comes the confidence to meet specific needs

Versatile suture that meets specific wound healing needs of different tissue layers

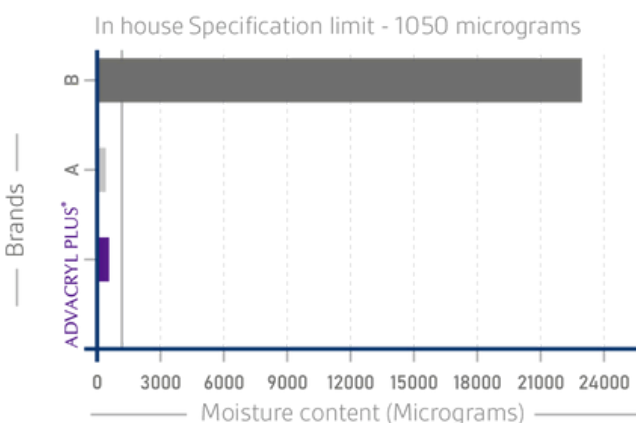
The ADVACRYL PLUS[®] Edge

Provides excellent support for a range of critical wound healing periods to secure closure in a variety of tissues, procedures and patients⁸



Knot pull tensile strength (KgF)

48% more knot pull tensile strength than U.S.P. limit ensures knot security



Moisture content per pack⁹

Least moisture content in the suture foil ensures uniform tensile strength & long term sterility throughout shelf life

Triclosan - coated sutures are effective in reducing the risk of post operative SSI⁵

Revised CDC guideline on SSI Prevention published in Aug - 2017⁶

Section 2C - In non parental antimicrobial prophylaxis "considers the use of Triclosan coated sutures for the prevention of SSI"



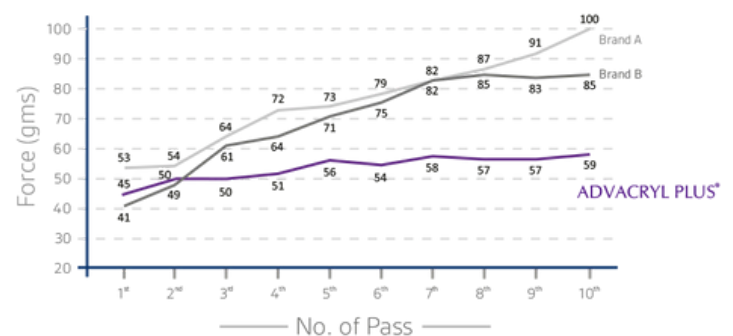
WHO Global Guidelines for the Prevention of SSI⁷

Section 4.22 - Antimicrobial coated sutures recommends the use of Triclosan coated sutures for the purpose of reducing the risk of SSI, independent of the type of surgery.

Advanced needles paving the way for enhanced confidence & performance

Consistency in ease of penetration and maintaining needle sharpness from start to finish pass after pass

Needle penetration study⁹



REFERENCES

1. Selvaraj, Sivasankari et. al. "A study on the post surgical wound infections in a tertiary care hospital in Kanchipuram". Jemds.com. March 2016
2. Gottrup, Finn et. al. "An overview of surgical site infections: aetiology, incidence and risk factors" worldwidewounds.com. September 2005
3. Mangaram, Alicia, "Guideline for prevention of surgical site infection" Vol. 20 No. 4, 1999
4. Henry - Stanley et. al. Surg infect (Larchmt). 2010; 11:433
5. Mahajan N., Pillai R., Chopra H., Grover A., Kohli A. An economic model to assess the value of triclosan - coated sutures in reducing the risk of surgical site infection in obstetrics and gynecological surgeries in India. Indian J Obstet Gynecol Res 2020; 7(1):59 - 65
6. Berríos - Torres SI, Umscheid CA, Bratzler DW, et. al. Centers for Disease Control and Prevention Guideline for the Prevention of Surgical Site Infection, 2017. JAMA Surg.
7. WHO Global Guidelines for the Prevention of Surgical Site Infection, 2016.
8. ADVACRYL PLUS IFU - Data on file with AMS.
9. Bench test done on Triclosan coated Polyglactin - 910 U.S.P. size - 1, 40 mm Round bodied needle - Data on file with AMS.

ADVAMRYL[®] Monofilament Poliglecaprone 25 (Undyed & Violet)



Supreme handling performance for confidence in subcuticular skin closure



Predictable strength for superior support

Product Description

Composition	Glycolide and ϵ -Caprolactone
Coating	None
Available Sizes	U.S.P. 0 to 5-0
Colour	Undyed and Violet
Absorption Profile	Essentially complete upto 90 days
Needle Availability	A wide variety of Round Bodied (Taper Point), Ball Point, Cutting, Taper Cut, Trocar, Reverse Cutting, Taper Cut, Blunt Point, Oval Round Bodied, Diamond Point Needles

Tensile Strength

Days of Implantation	7 Days (1 to 5-0)	14 Days (1 to 3-0,5-0)	14 Days (4-0)
Tensile Strength Retention DYED	60%	40%	40%
Tensile Strength Retention UNDYED	55%	20%	15%

ADVANTAGES:

- Causes minimal tissue reaction
- High initial tensile strength
- Exceptional handling characteristics
- Lack of stiffness & memory

ADVA TRAY® - the confidence to suture with ease



ADVA TRAY® a unique dispensing system designed to deliver ease of suture dispensing with minimal memory in the suture strand

Impeccable suturing experience for surgeons | Eliminates the need of suture lubrication

Premium needle performance

300 series needle alloy⁴

The ultra high strength alloy appreciably diminishes chances of needle bending and breaking

Ribbed body needles⁴

Superior grasping & minimal needle slippage

Advanced silicone coating⁴

- Advanced coating technology ensures smooth and steady penetration during the procedure
- Distinctive coating technique enhances swage point integrity

Precise needles for confidence in cosmetic outcomes

Reduces the angle of cutting edges

Requires lesser penetration force

Minimizes tissue trauma & drag

Superior cosmetic outcomes



In subcuticular closure, optimal cosmesis is essential for successful outcomes and patient satisfaction

An ideal wound closure solution should



Address the risk factors of surgical site infection

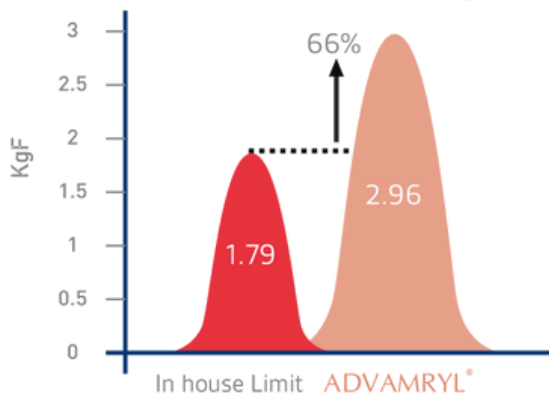
Secure approximation & eliminate the need of suture removal



Achieve excellent precision and minimal scarring

Predictable strength for superior support ⁵

Knot pull tensile strength (KgF)



Superior pliability offers

Excellent handling characteristics
Knot tying properties & smooth run-down

Ideal for subcuticular skin closure

No need of suture removal
Acapillarity - Minimal risk of bacterial transmission

A monofilament suture scores over a braided suture:

- Ability to pass more smoothly through the tissue resulting in lesser tissue trauma¹
- The reduced surface area of a monofilament suture and its lack of interstitial spaces further minimize the risk of infection by reducing the ability of bacteria to harbor³

REFERENCES

1. British Journal of Plastic Surgery Volume 53, Issue 2, March 2000, Pages 137 - 141
2. ADVAMRYL IIFU - Data on file with AMS
3. Journal of the American Academy of Dermatology, Volume 18, Issue 4, Part 1, April 1988, Pages 619 - 637

ADVAPD[®] Monofilament Polydioxanone (Violet)



Enduring performance for confidence in extended wound support



The confidence to handle complications with ease

Product Description

Composition	Polydioxanone
Coating	None
Available Sizes	U.S.P. 1 to 7-0
Colour	Violet
Absorption Profile	Essentially complete between 180 to 220 days
Needle Availability	A wide variety of Round Bodied (Taper Point), Ball Point, Cutting, Taper Cut, Trocar, Reverse Cutting, Blunt Point, Oval Round Bodied, Diamond Point & Spatula Micro Point Needles

Tensile Strength

Days of Implantation	14 Days	28 Days	42 Days
Tensile Strength Retention	80%	70%	45%

ADVANTAGES:

- High initial tensile strength
- Predictable absorption
- Prolonged wound support
- Minimal tissue reaction
- Good handling characteristics
- Smooth passage through tissues

Complications in abdominal wall closure after midline incisions

Wound Dehiscence

- Dehiscence can lead to a burst abdomen and exposure of the abdominal contents, prolonged hospital stays and requires reoperation³
- Mortality rates following dehiscence range from 15% to 20%⁴

Surgical Site Infections

- SSIs can extend the inflammatory phase, during which the tissue has essentially no strength; increasing the risk of dehiscence and incisional hernia¹
- On an average, a single SSI can extend a hospital stay by 2 to 11 days²

Incisional Hernia

- A wound dehiscence significantly increases the risk of incisional hernia by upto 43%⁵

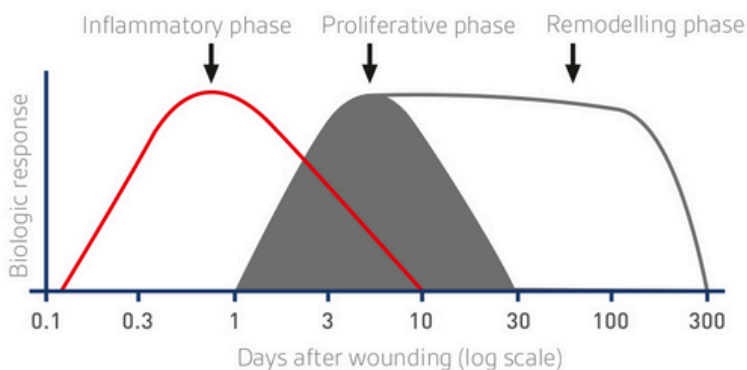
Challenges in abdominal wall closure

Slow fascia healing

- Fascial tissue achieves only 50% of original tensile strength even after 2 weeks¹

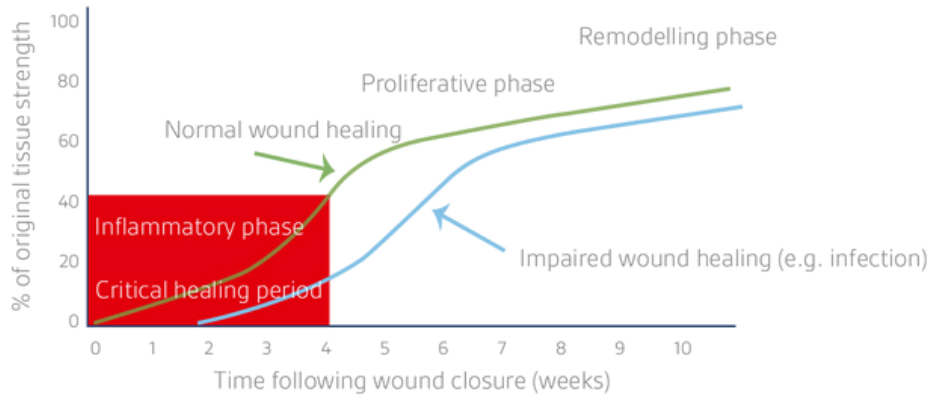
The phases of fascia healing

- Fascia healing consists of 3 consecutive, overlapping phases⁴



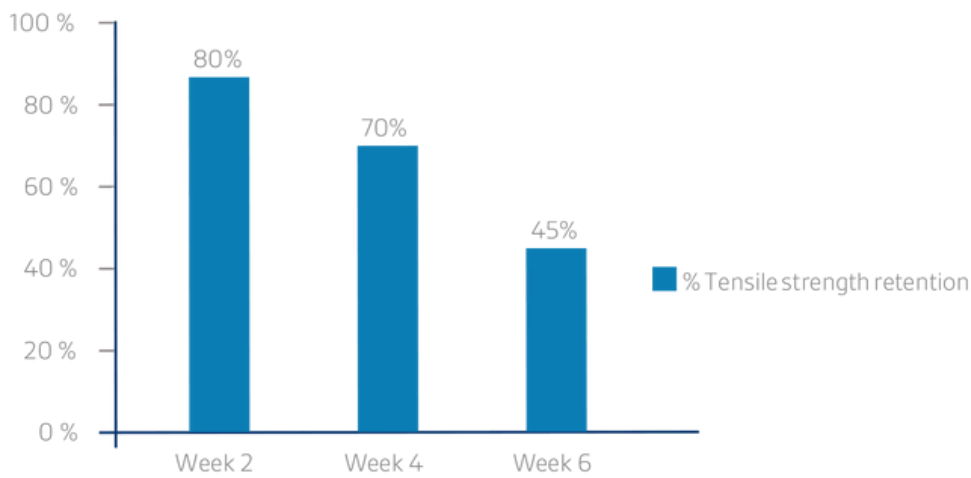
- Fascia healing is further impaired with comorbidities - diabetics, smokers, elderly & cancer patients⁷

Strength of abdominal wall⁷



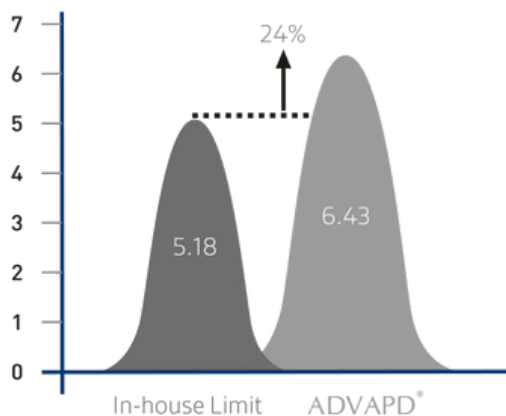
The confidence to handle complications with ease

Choosing the ideal wound closure solution helps address every complication



Absolute strength retention for upto 6 weeks, enough to support the fascia throughout the critical wound healing period⁸

Knot pull tensile strength (KgF)



- 24% more knot pull tensile strength than in-house limit ensures knot security⁹
- Long term absorbable sutures ensure lesser complications like incisional hernia vs mid-term absorbable sutures¹⁰
- Reduced surface area and lack of interstitial spaces in monofilament sutures minimize the risk of bacterial colonization & infections¹¹

Premium needles paving the way for enhanced confidence

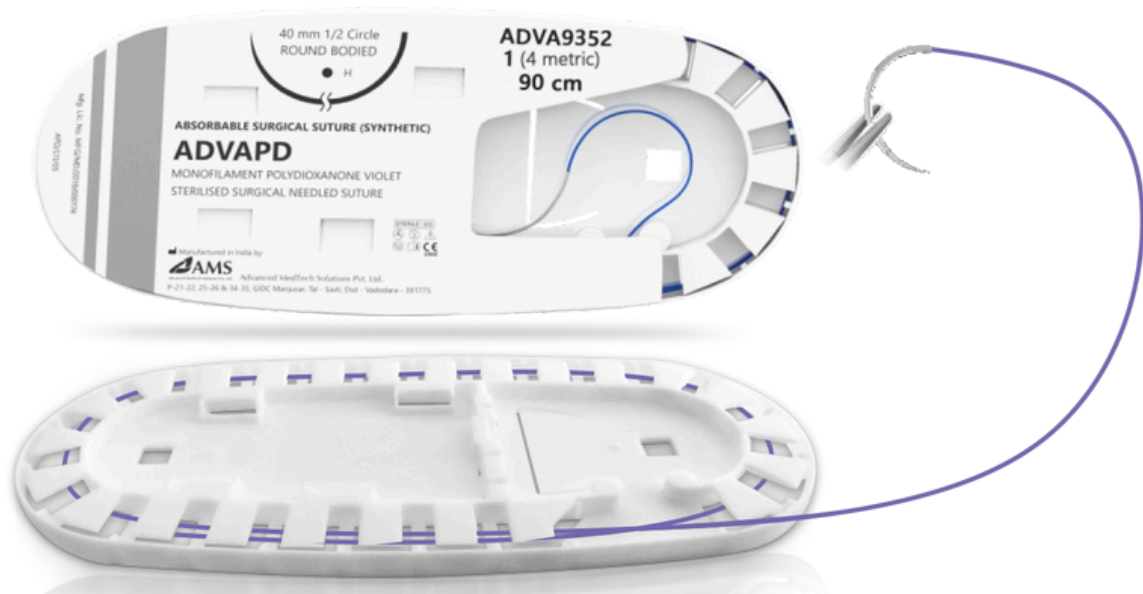
Durable silicone coating to retain needle sharpness, pass after pass

Advanced coating technology ensures smooth and steady penetration during the procedure

Ribbed body needles

Superior grasping & minimal needle slippage

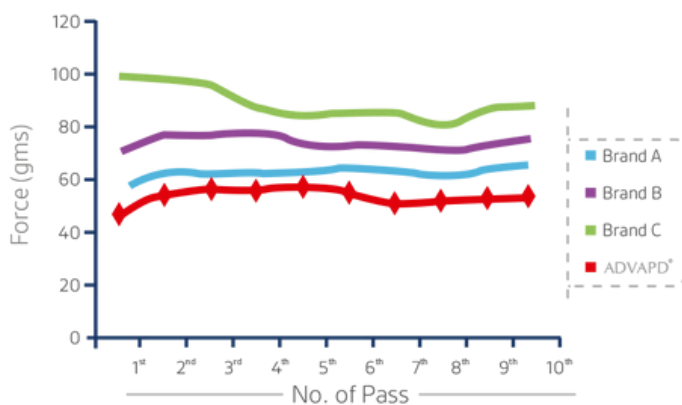
ADVA TRAY[®] - the confidence to suture with ease



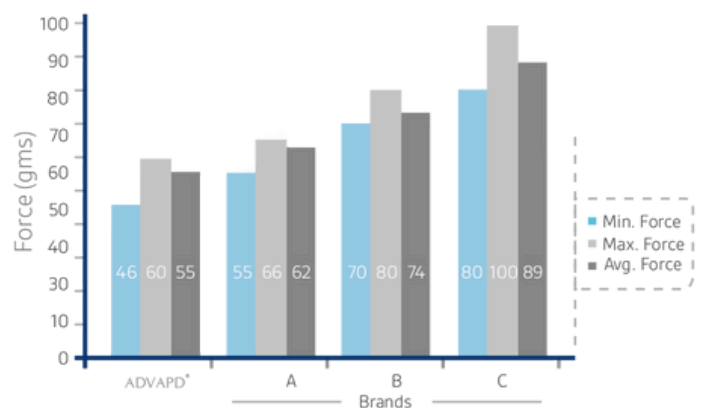
ADVA TRAY[®] a unique dispensing system designed to deliver ease of suture dispensing with minimal memory in the suture strand

Impeccable suturing experience for surgeons | Eliminates the need of suture lubrication

Incremental penetration force⁹

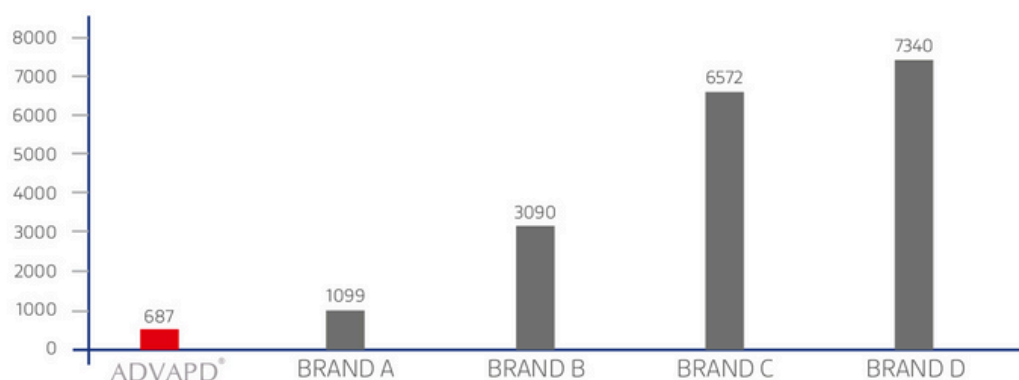


Needle penetration force⁹



Robust manufacturing process & superior primary aluminum packaging ensures least moisture content in the suture foil

Moisture content per pack (μg)



Ensures strength & sterility of the product is maintained throughout the shelf life of 5 years⁸

Optimal Performance. Superior Confidence.

ADVAPD[®], long term synthetic absorbable monofilament sutures are engineered to deliver prolonged strength and durable penetration consistently. Optimal for cases requiring extended wound support to achieve better patient outcomes

REFERENCES

1. Dubay, DA. "Acute wound healing: the biology of acute wound failure". Surg Clin North Am. 2003 Jun; 83(3): 463 - 81
2. Surgical site infection: incidence and impact on hospital utilization and treatment costs - Am J Infect Control. 2009 Jun; 37(5) : 387 - 97
3. Abdominal Wound Dehiscence in Adults: Development and Validation of a Risk Model - World J Surg. 2010 Jan; 34(1): 20 - 27
4. Mechanical factors in abdominal wound closure: the prevention of fascial dehiscence - Surgery. 1985 Jun; 97(6): 631 - 40
5. Incisional hernia after repair of wound dehiscence: incidence and risk factors - Am Surg. 2004 Apr; 70(4): 281 - 6
6. Douglas. Br J Surg. 1952; 40: 79
7. Rath AM, Chevrel JP. The healing of laparotomies: review of the literature. September 1998, Volume 2, Issue 3, pp 145 - 149
8. ADVAPD IFU - Data on file with AMS
9. Data on file with AMS - Bench test done on Polydioxanone U.S.P. size - 1, 40 mm Round bodied needle
10. Diener et. al. Ann. Surg. 2010, May 2010 - Volume 251 - Issue 5 - pp 843 - 856
11. Bacterial Contamination of Surgical Suture Resembles a Biofilm - Surg Infect (Larchmt). 2010 Oct; 11(5)

ADVALENE[®] Monofilament Polypropylene (Blue)



Reliable performance for confidence in contaminated wound closure



With exceptional strength comes confidence that lasts

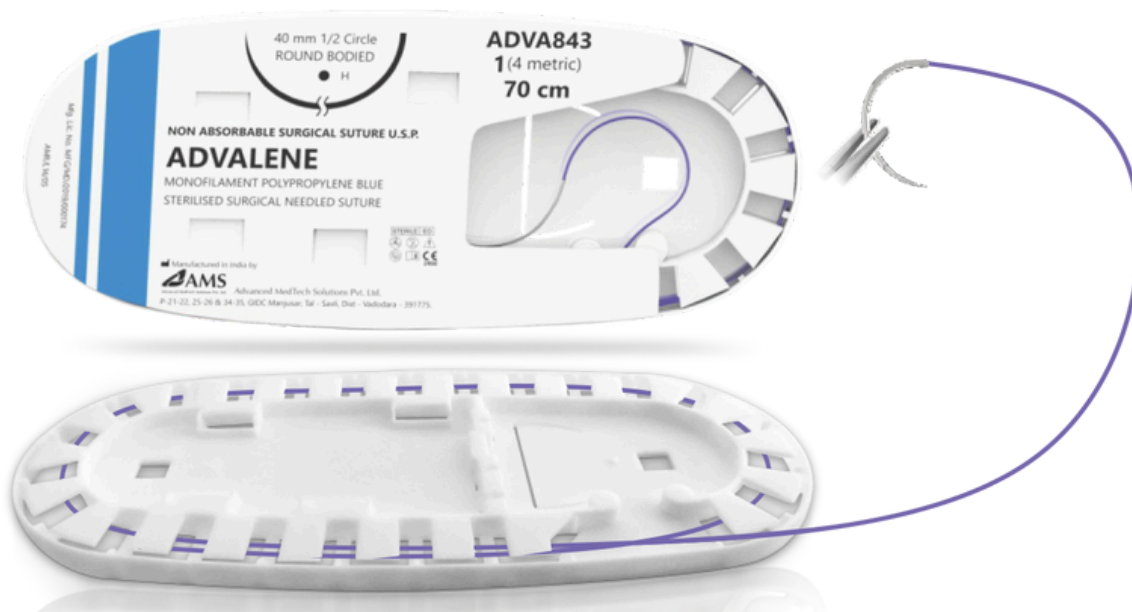
Product Description

Composition	Polypropylene
Coating	None
Available Sizes	U.S.P. 1 to 8-0
Colour	Blue
Absorption Profile	Non-Absorbable
Tensile Strength	Permanent
Needle Availability	A wide variety of Round Bodied (Taper Point), Ball Point, Cutting, Taper Cut, Trocar, Reverse Cutting, Blunt Point, Oval Round Bodied, Diamond Point needles, ACC Needles & Black Needles

ADVANTAGES:

- Excellent knot security
- Causes minimal tissue reaction
- Non - thrombogenic
- To minimize the infection in contaminated wounds
- Advanced dispensing system
- Control linear elongation
- Unsurpassed strength
- Minimal suture breakage & fraying

ADVA TRAY® - the confidence to suture with ease

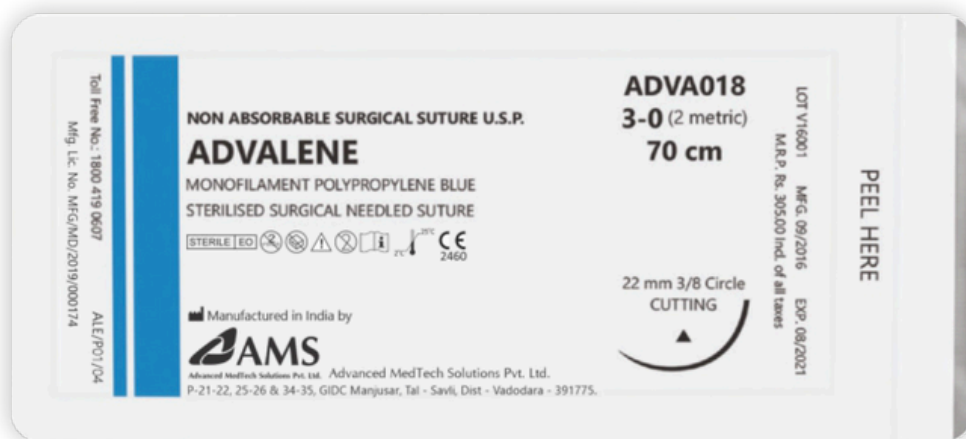


ADVA TRAY® a unique dispensing system designed to deliver ease of suture dispensing with minimal suture memory in the suture strand

Impeccable suturing experience for surgeons | Eliminates the need of suture lubrication

The assurance of an Aluminum Pack⁷

The only Polypropylene with Aluminum Pack ensures

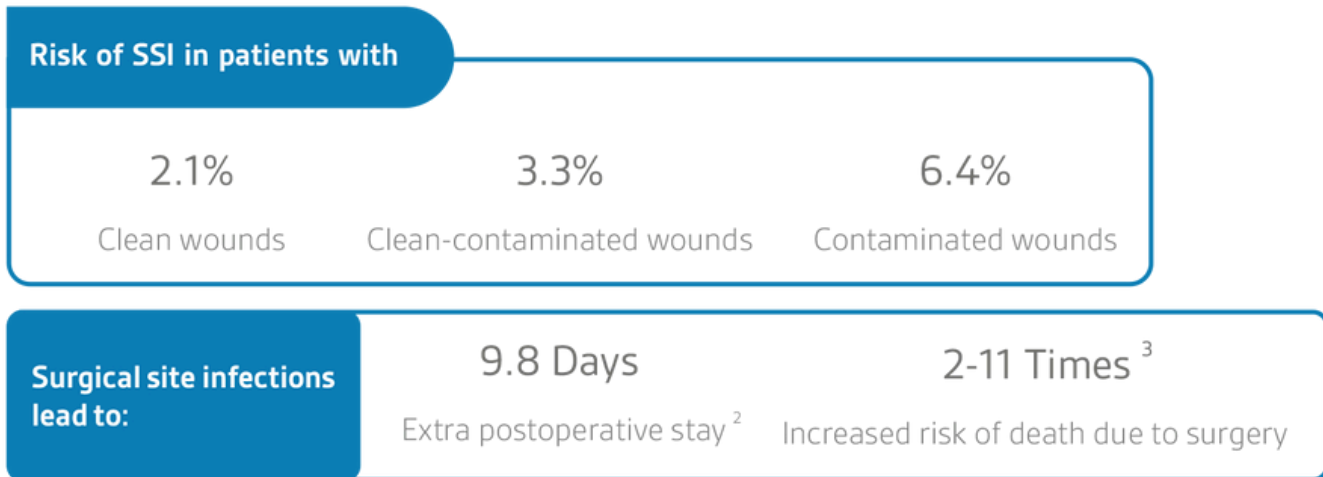


- An excellent barrier against external elements
- Lesser chances of product damage while handling
- Long term sterility

SSI is the third most common infection among hospital acquired infections¹

Majority of patients presented for surgery are either clean-contaminated or contaminated²

Contamination further multiplies the risk of surgical site infections^{2,4}

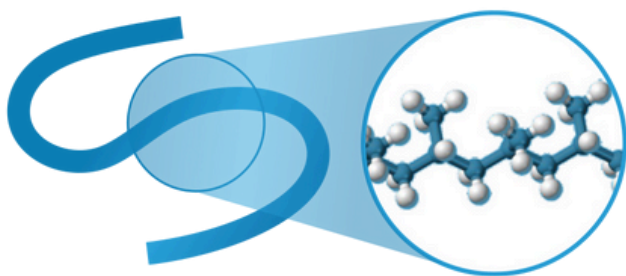


Like all implants, sutures can be colonized by bacteria, which can lead to biofilm formation⁴

The incidences of infections are lower in contaminated tissue with polypropylene sutures⁵

With exceptional strength comes confidence that lasts

Isotactic Strength for permanent wound support



- Absolute regular & longitudinal structure
- Minimal suture breakage & fraying
- Optimal elasticity & elongation
- Assured knot stability & security
- Enhanced pliability & handling
- Easy knot tying & smooth knot run-down

Exceptionally smooth surface

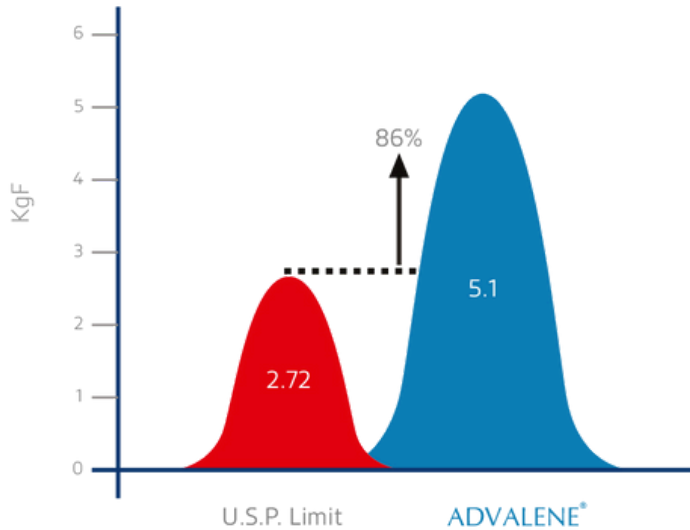
For minimal tissue drag & trauma

Excellent plasticity ensures

Excellent elasticity & elongation guarantees a stable knot

Knot deforms and flattens to provide excellent knot security

Knot pull tensile strength (KgF)

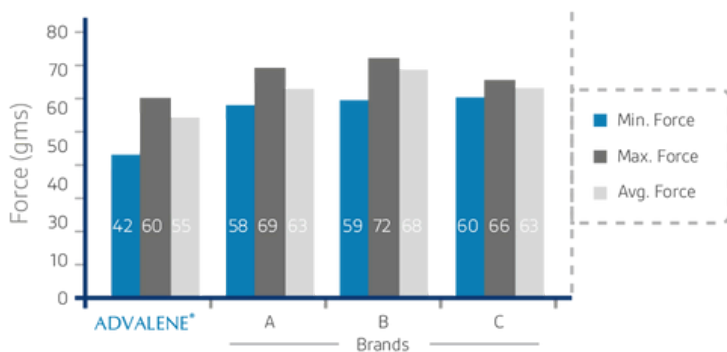


Predictable strength for permanent support

86% more knot pull tensile strength than U.S.P. limit ensures knot security⁷

Premium needles paving the way for enhanced confidence

Needle penetration study⁷



REFERENCES

1. Selvaraj, Sivasankari et. al. "A study on the post surgical wound infections in a tertiary care hospital in Kanchipuram". Jemds.com. March 2016
2. Gottrup, Finn et. al. "An overview of surgical site infections: aetiology, incidence and risk factors" worldwidewounds.com. September 2005
3. Mangaram, Alicia, "Guideline for prevention of surgical site infection" Vol. 20 No. 4, 1999
4. Henry - Stanley et. al. Surg infect (Larchmt). 2010; 11:433
5. Physical and Chemical Configuration of Sutures in the Development of Surgical Infection - Department of Plastic Surgery, University of Virginia Medical Center, Charlottesville. June 1973
6. ADVALENE IFU - Data on file with AMS
7. Data on file with AMS - Bench test done on Polypropylene U.S.P. size - 1, 40 mm Round Bodied needle
8. Commonly used suture materials in skin surgery - Ronald L. Moy, Alicia Zalka, Dec, 1991
9. Sutures and suturing techniques in skin closure, Mohan H. Kudur, Sathish B. Pai, H. Sripathi, Smitha Prabhu, Vol 75 Issue 4, July - August 2009, Vol 75, Issue 4

ADVALON[®] Monofilament Polyamide (Black)



Ideal selection for confidence in skin closure



Appropriate choice for dermal closure and retention suturing

Product Description

Composition	Polyamide
Coating	None
Available Sizes	U.S.P. 1 to 10-0
Colour	Black
Absorption Profile	Non-Absorbable
Needle Availability	A wide variety of Round Bodied (Taper Point), Ball Point, Cutting, Taper Cut, Trocar, Reverse Cutting, Blunt Point, Oval Round Bodied, Diamond Point & Spatula Micro Point Needles

Tensile Strength

Non Absorbable, however progressive hydrolysis of the suture in-vivo may result in gradual loss of its tensile strength over time

ADVANTAGES:

- Flexible, easy to handle and tie
- Smooth passage through tissue
- Excellent histocompatibility

Tyvek packaging³

Start sterile... Stay sterile - Superior microbial barrier & moisture resistance

High tear strength - Offers durable protection

Clean peel - Lesser number of particles release ensures minimal device contamination

Premium needle performance for precise cosmetic outcomes

300 series needle alloy⁴

The ultra high strength alloy appreciably diminishes chances of needle bending and breaking

Ribbed body needles⁴

Superior grasping & minimal needle slippage

Advanced silicone coating⁴

Advanced coating technology ensures smooth and steady penetration during the procedure

Distinctive coating technique enhances swage point integrity

No tissue adherence⁶

Ease of suture removal

Minimal discomfort to the patient

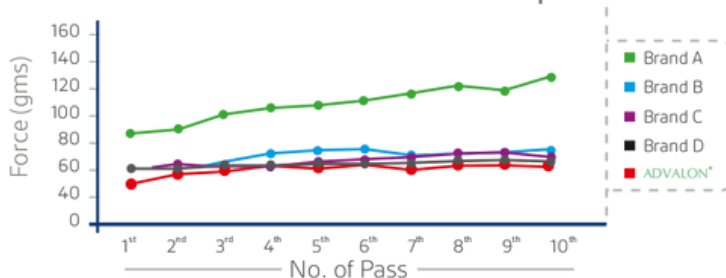
Monofilament construction⁵

Acapillarity effect - Minimal risk of infection transmission

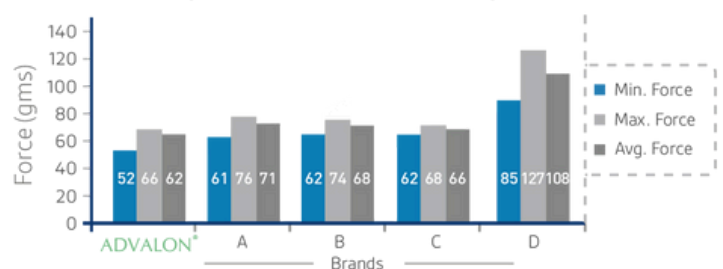
Smooth passage through the tissue

Minimal tissue drag & trauma

ADVALON[®] V/S other competitors³



Needle penetration study³



ADVALON® - Appropriate choice for dermal closure & retention suturing¹

Inert Polymer²



Minimal tissue reaction

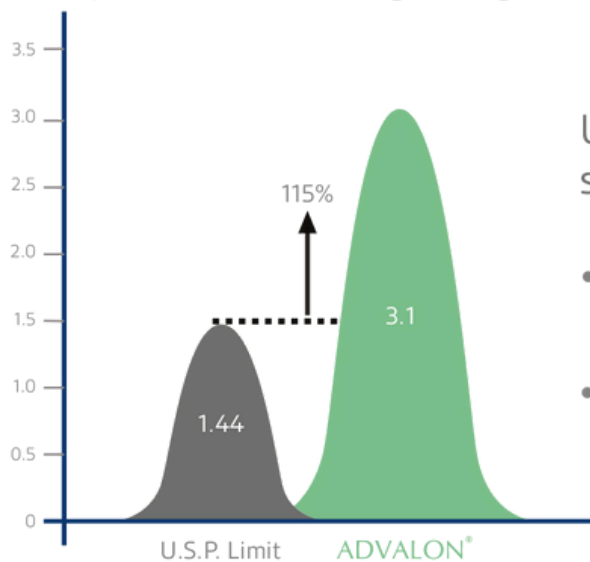
Suture of choice for desired cosmetic outcomes



Ideal for infected wound closure

High tensile strength - for secure retention suturing

Knot pull tensile strength (KgF)



Unsurpassed elasticity to ensure compact & safe knotting

- Excellent handling & superior tactile feedback
- Excellent knot security & run-down

REFERENCES

1. Physical and Chemical Configuration of Sutures in the Development of Surgical Infection - Department of Plastic Surgery, University of Virginia Medical Center, Charlottesville, Virginia
2. Cutaneous Wound Closure Materials: An Overview and Update - J Cutan Aesthet Surg. 2013 Oct - Dec
3. Data on file with AMS - Bench test done on Nylon U.S.P. size - 2-0, 45 mm reverse cutting needle
4. Data on file with AMS
5. ADVALON IFU - Data on file with AMS
6. Surgical Sutures: An Overview - J. Acad. Indus. Res. Vol. 1(12) May 2013

ADVASYL[®] Braided Silk (Black)



Exceptional control for confidence in gentle tissue approximation



Excellent handling combination with great strength for gentle tissue approximation

Product Description

Composition	Proteinaceous silk fibres called fibroin
Coating	Wax
Available Sizes	U.S.P. 4 to 5-0
Colour	Black
Absorption Profile	Non-Absorbable
Needle Availability	Available as Pre-cut suture and in a wide variety of Round Bodied (Taper Point), Ball Point, Cutting, Taper Cut, Trocar, Reverse Cutting, Blunt Point, Oval Round Bodied & Diamond Point Needles

Tensile Strength

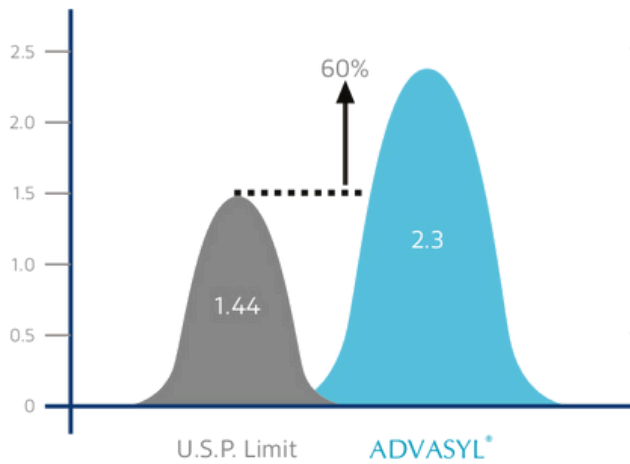
Gradual loss in tensile strength over a period of time

ADVANTAGES:

- Smooth passage through tissue
- Minimal acute inflammatory reaction in tissues
- Unsurpassed strength
- Optimal elasticity and elongation properties

Excellent handling combined with great strength for gentle tissue approximation¹

Knot pull tensile strength (KgF)



Unsurpassed knotting performance¹

- Excellent knot run-down & security
- Excellent first throw hold

High tensile strength offers strong & secure closure for permanent wound support

- 60% more knot pull tensile strength than U.S.P. limit ensures knot security⁴

Superior wax coating³

- Braided suture
- Minimal tissue drag & trauma
- Uniform diameter throughout the strand
- Minimal suture breakage
- Reduced capillary action
- Minimal risk of infection transmission

Superior swage point integrity



Advanced tipping & mechanical drilling ensures minimal suture detachment at the swage point

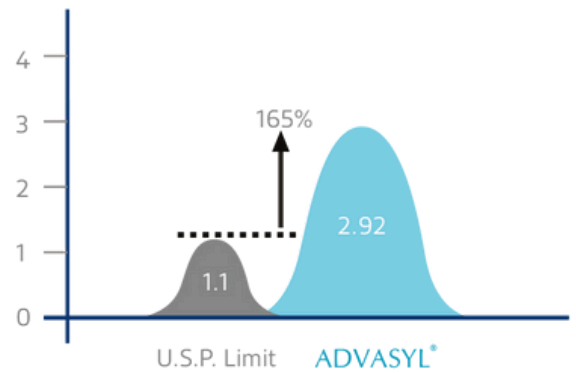
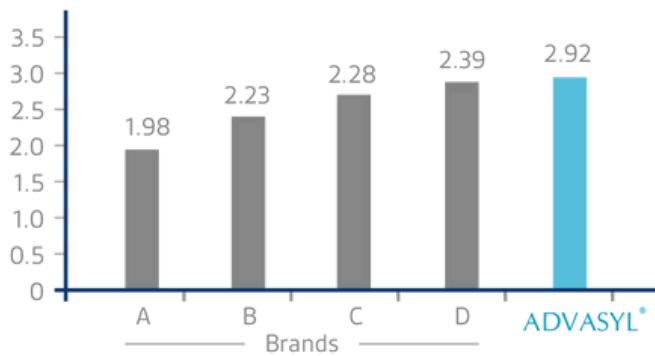
REFERENCES

1. Handling characteristics of braided suture materials for tight tying - J Appl Biomater. 1993 Spring; 4(1): 61 - 5
2. Textile Implants: Silk Suture Manufacturing technology - Journal of Academia and Industrial Research
3. Data on file with AMS
4. Data on file with AMS - Bench test done on Silk U.S.P. size - 2-0, 45 mm Reverse cutting needle

Premium needles for enhanced confidence

Average needle pull tensile strength (KgF)
Specification limit (U.S.P.) 1.1 KgF

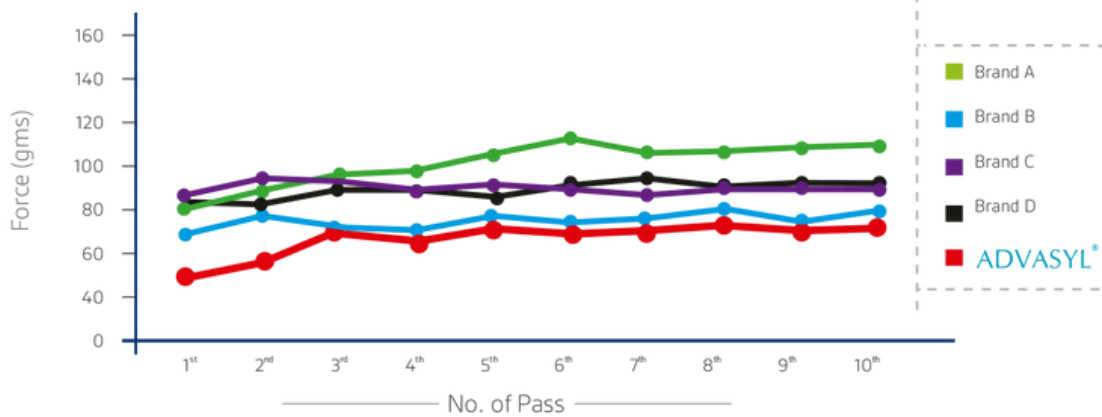
Needle pull tensile strength (KgF)⁴



Durable silicon coating on needle for improved penetration

Advanced coating technology ensures smooth and steady penetration during the procedure

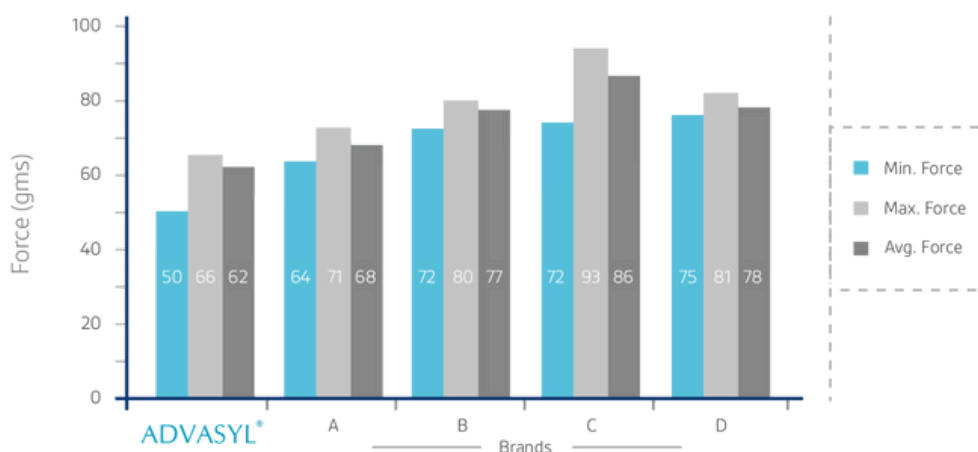
Incremental penetration study⁴



Superior needle geometry for improved handling

Ribbed body needles provide superior grasping & minimal needle slippage

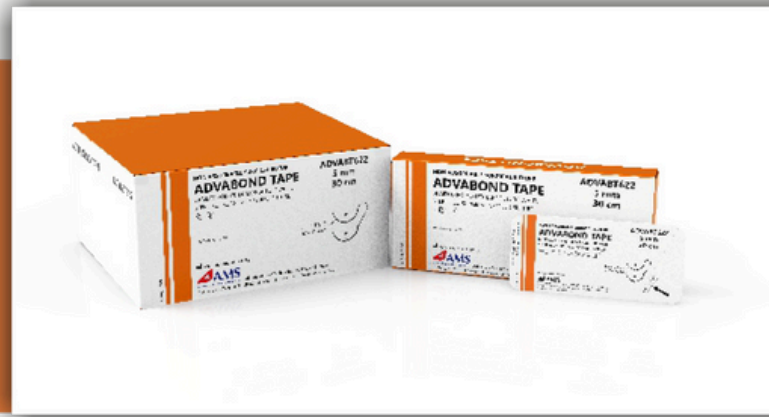
Needle penetration study⁴



ADVABOND TAPE

Non-absorbable braided polyester tape suture composed of polyethylene terephthalate

Indicated for use in general soft tissue approximation and/or ligation



- For easy handling and secure knot tying.
- Minimal tissue reaction.
- ADVAPPOINT atraumatic needles with ribbed body for superior control.
- High swage point integrity with channel swaging.

Product Information

Physical Material	Polyester fibre tape
Construction	Braided polyester fibre
Absorbable/ Non-absorbable	Non-absorbable
Color	White
Available Size	Length 30 cm Width 5 mm
Needle Specification	1/2 circle, 48 mm, Taper point
Tensile Strength (Wound Support)	Permanent
Frequent Uses	Gynecology (cervical cerclage), Orthopaedic, Cardiovascular & Neurosurgery
Sterilization Method	Gamma irradiation
Pack Size	6 units / box
Code	ADVABT622 ADVABT623



Advanced Cardiovascular Solutions

advancing the science of cardiothoracic surgery



Advancing the Science of Cardiovascular Needles



Advanced coating technology that ensures smooth and steady penetration during the procedure

Distinctive coating technique enhances swage point integrity



ADVAPOINT

Advanced Needle Point Geometry

ADVAPOINT'S intelligently engineered, advanced needle point geometry and enhanced sharpness assures maximum penetration consistency for an unsurpassed performance over multiple passes

ADVAGUARD

Blunt Point

ADVAGUARD is engineered to diminish the chances of needle stick injuries, delivering both optimal strength and ductility with increased precision



ADVABLACK

Visibility Enabling Confidence

ADVABLACK needles offers outstanding visibility. Specially crafted for enhanced assurance and confidence in the operating zone

ADVANCED CALCIFIED CORONARY

Taper Cut

The unique point design of the CC Needle provides significantly improved penetration properties for the Cardiac/ Vascular surgeon when suturing tough, calcified vessels



ADVALENE[®] Monofilament Polypropylene (Blue)

Reliable performance for confidence in contaminated wound closure



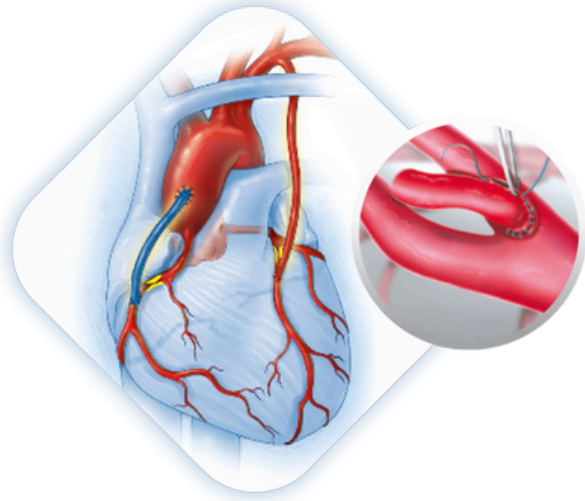
With exceptional strength comes confidence that lasts

Product Description

Composition	Polypropylene
Coating	None
Available Sizes	U.S.P. 1 to 8-0
Colour	Blue
Absorption Profile	Non-Absorbable
Tensile Strength	Permanent
Needle Availability	A wide variety of Round Bodied (Taper Point), Ball Point, Cutting, Taper Cut, Trocar, Reverse Cutting, Blunt Point, Oval Round Bodied, Diamond Point needles, ACC Needles & Black Needles

ADVANTAGES:

- Excellent knot security
- Causes minimal tissue reaction
- Non - thrombogenic
- To minimize the infection in contaminated wounds
- Advanced dispensing system
- Control linear elongation
- Unsurpassed strength
- Minimal suture breakage & fraying

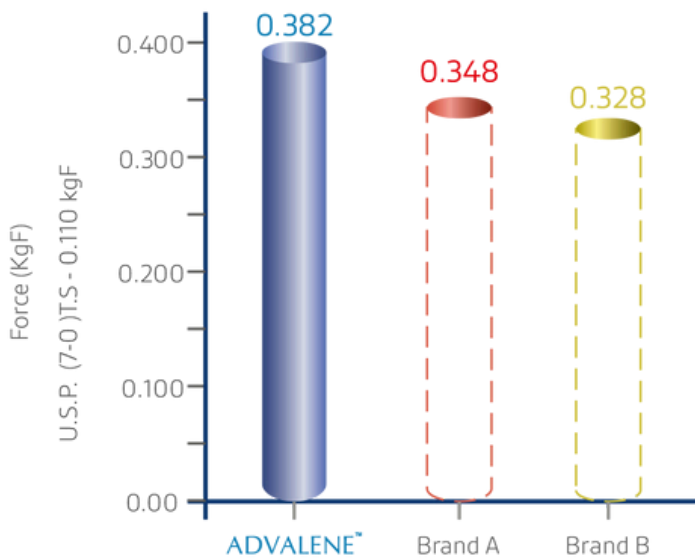


The ADVALENE® Edge²

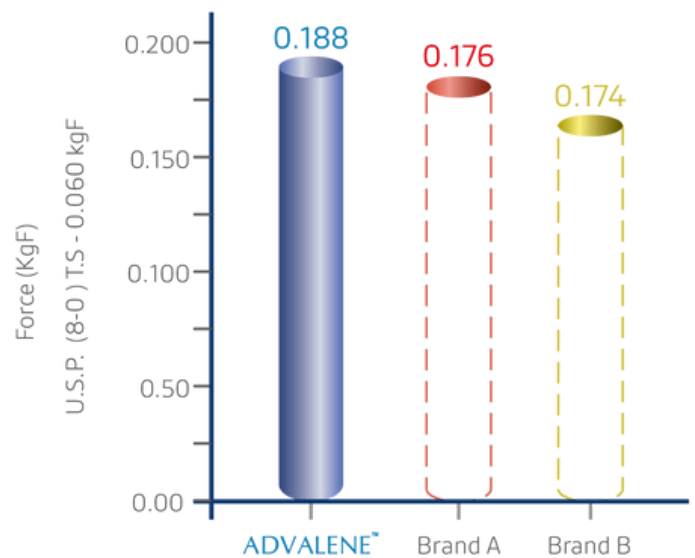
- ◆ Most inert monofilament structure makes ADVALENE® an ideal choice for anastomosis
- ◆ ADVAPOINT and ADVABLACK needles are specially designed with an engineered tip to maintain shape and sharpness pass after pass for the most challenging calcified lesions & fibrotic blood vessels

◆ ADVALENE® offers exceptional control and smooth passage through diseased tissues allowing knots to be repositioned and secure

ADVALENE™ delivers superior knot pull tensile strength²



Size 7-0 Tensile strength study



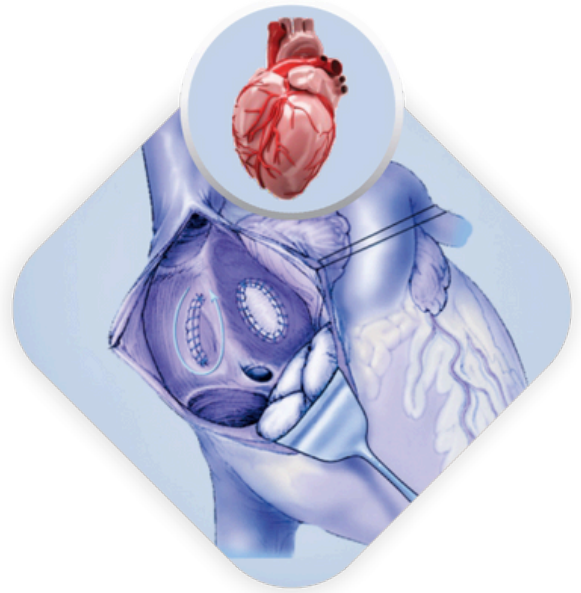
Size 8-0 Tensile strength study

REFERENCES

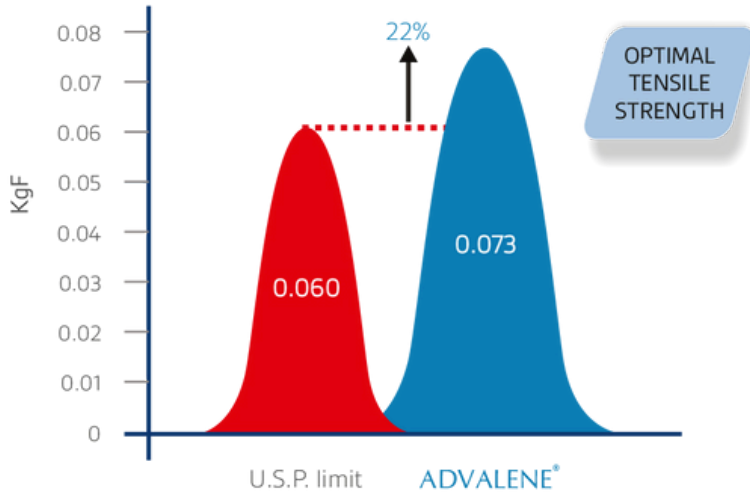
1. Data on file with AMS - bench test done on Polypropylene U.S.P. size 8-0, 8 mm Taper point needle
2. Data on file with AMS - bench test done on Polypropylene U.S.P. size 7-0, 13 mm Taper point needle
3. Data on file with AMS - bench test done on Polypropylene U.S.P. size 6-0, 13 mm Taper point needle

Augment your confidence

- ◆ **Exceptionally smooth surface**
 - For minimal tissue drag & trauma
- ◆ **Excellent plasticity ensures**
 - Excellent elasticity & elongation guarantees a stable knot
 - Knot deforms and flattens to provide excellent knot security



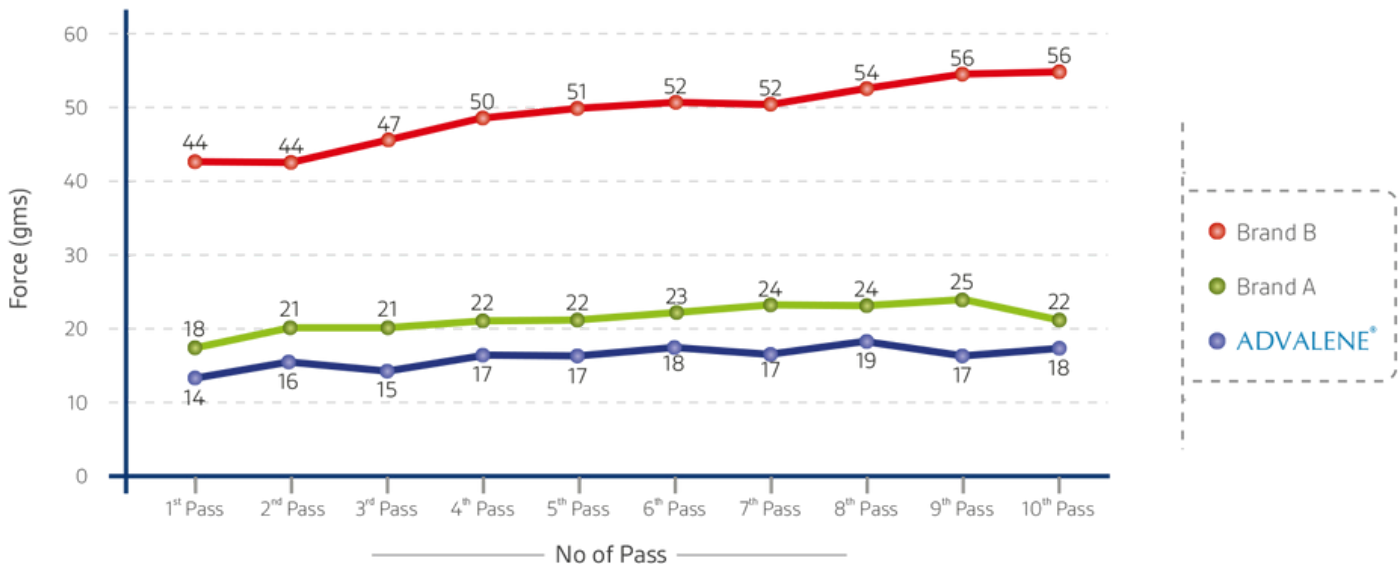
Knot pull tensile strength (KgF)¹



22% higher knot pull tensile strength than U.S.P. limit ensures knot security

Superior needles for consistent performance

Needle penetration study³



ADVASTEEL[®] 316 LVM Stainless Steel



Supreme performance for ultimate confidence in sternum closure

Exceptional strength for confident and permanent support

Product Description

Composition	Stainless 316LVM Steel
Coating	NA
Available Sizes	U.S.P. 7 to 1
Colour	NA
Absorption Profile	Non-Absorbable
Tensile Strength	Permanent
Needle Availability	Available as Round Bodied (Taper Point), Cutting, Reverse Cutting & Blunt Point.

ADVANTAGES:

- Exceptional tensile strength
- Excellent tissue compatibility

ADVABOND[®] Braided Coated Polyester (Green & White)

Ultimate security for confidence in approximation of tissues under stress



Enhancing confidence for everlasting support

Product Description

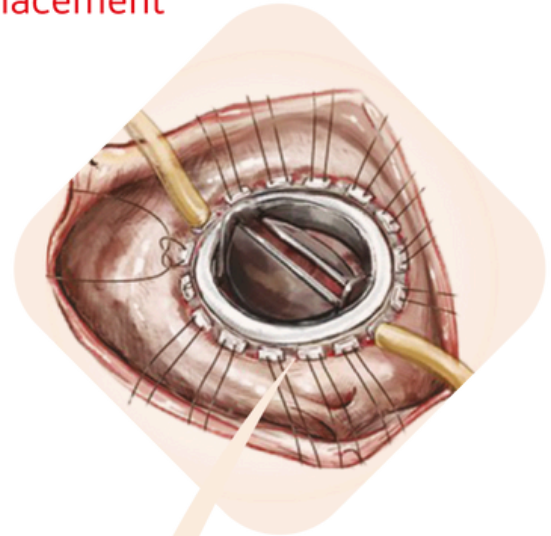
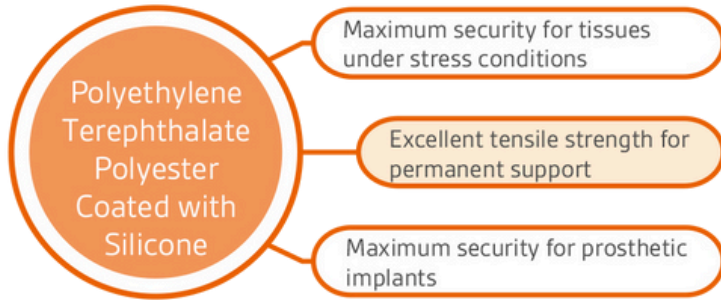
Composition	Polyethylene Terephthalate
Coating	Silicone
Available Sizes	U.S.P. 5 to 6-0
Colour	White & Green
Absorption Profile	Non-Absorbable
Tensile Strength	Permanent
Needle Availability	Round bodied (Taper point) & Taper cutting

ADVANTAGES:

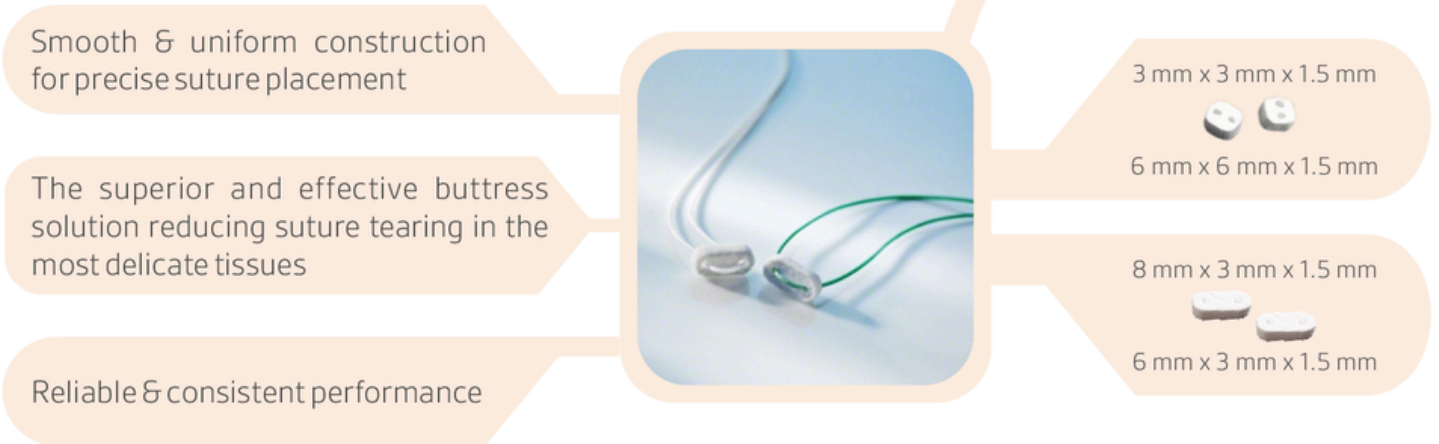
- Soft and supple
- Silicon coated, designed for excellent handling and pliability
- Uniform braiding process designed to provide greater resistance for breaking
- Excellent knot security
- Low porosity PTFE felt pledgets
- Advanced intelligent dispensing system

The ADVABOND[®] Edge²

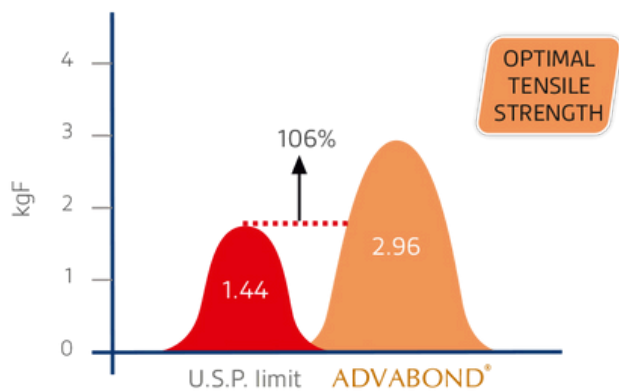
The advanced solution for valve repair and replacement



Low porosity PTFE felt pledgets⁴



Knot pull tensile strength (KgF)³



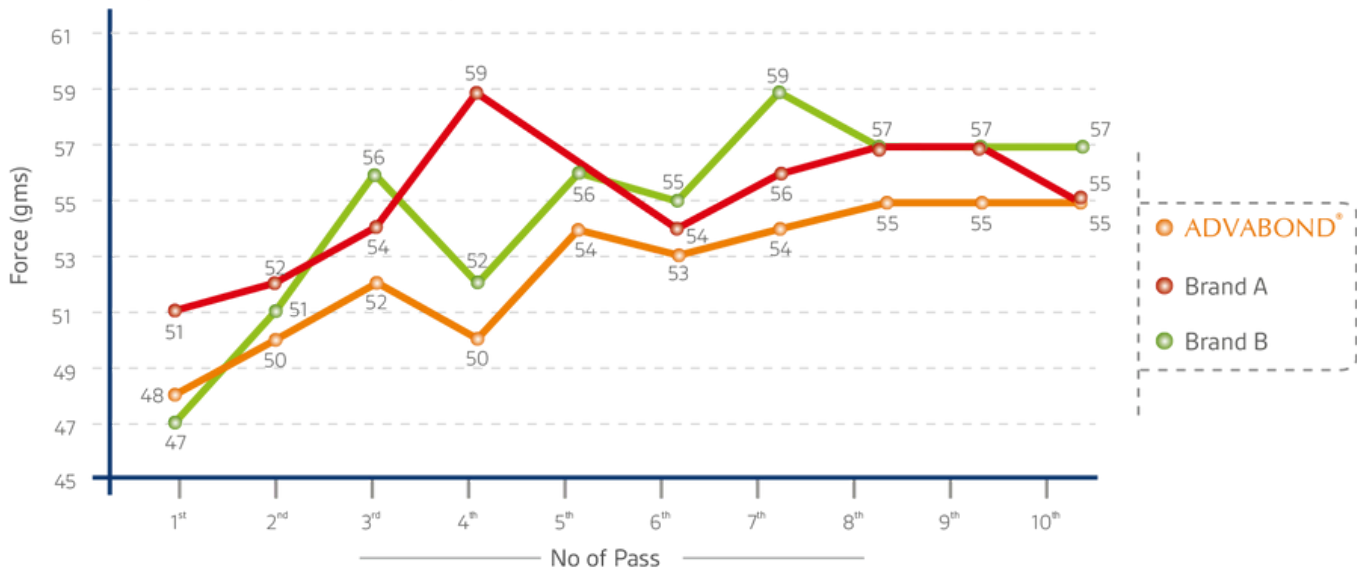
106% more knot pull tensile strength vs. U.S.P. limit ensures knot security even in tissues with high motion & stress

Unsurpassed knotting performance²

- Excellent knot run-down & security
- Excellent first throw hold

Advanced Cardiovascular needles paving the way for enhanced confidence & performance

Needle penetration study ²



The advanced & intelligent dispensing system

Features	Benefits
Corrugate designed with fluted packaging	Moisture resistance, Inherent strength and stiffness
Multiple Independent Channels	Eliminates suture entanglement
Cushion of densed foam for needle resting	Ease of dispensing & arming by needle holder

Tyvek packaging ⁴

Start sterile... Stay sterile - Superior microbial barrier & moisture resistance
 High tear strength - Offers durable protection
 Clean peel - Lesser number of particles release ensures minimal device contamination

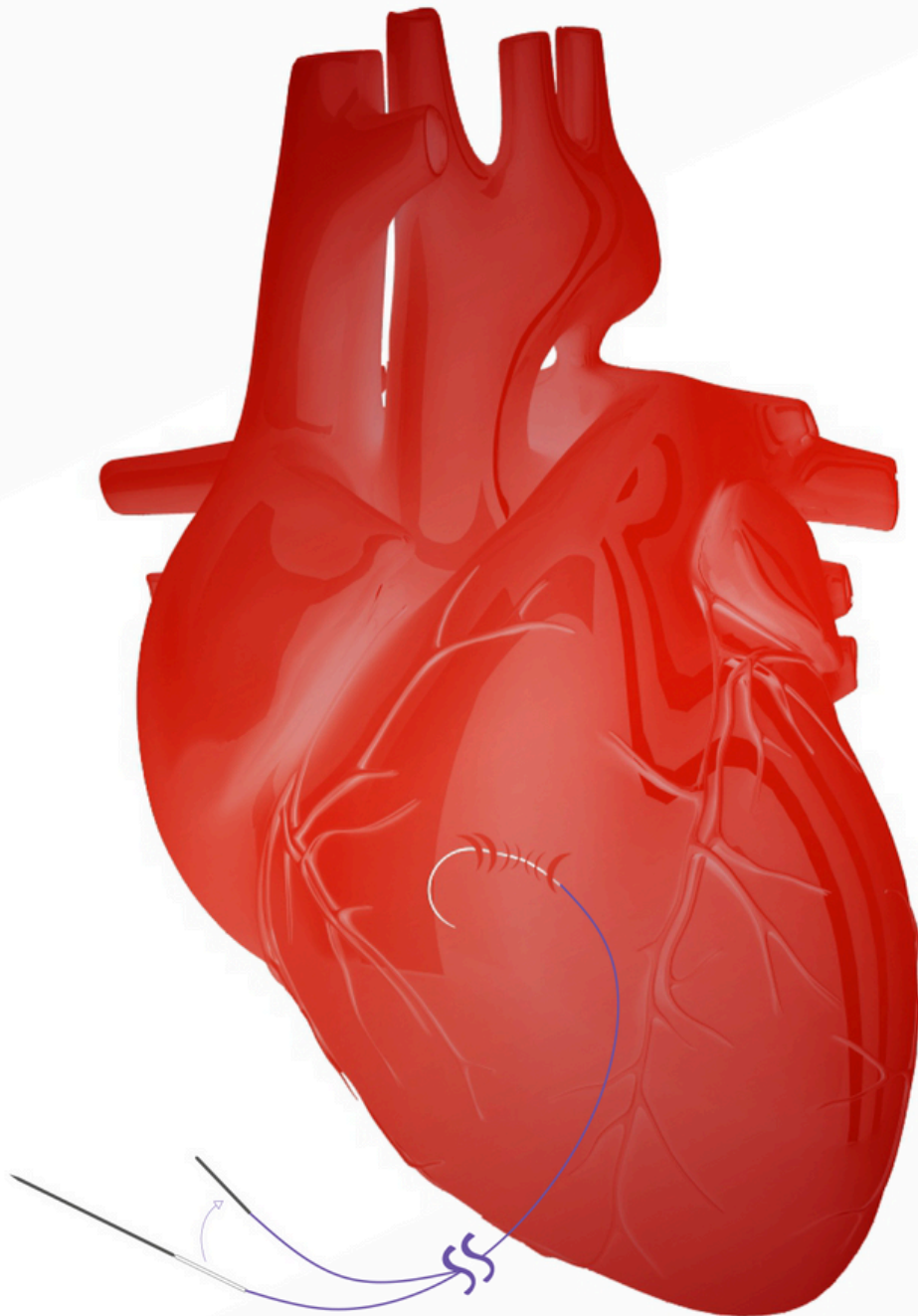
REFERENCES

1. ADVABOND IFU - Data on file with AMS | 2. ADVABOND - Data on file with AMS
3. Data on file with AMS - bench test done on Polyester size - 2-0, 17 mm Round bodied needle
4. ADVAPLEDGET - Data on file with AMS



ADVAPACER[®]

Multifilament 316L Stainless Steel



ADVAPACER[®]

Multifilament 316L Stainless Steel

Twisted 316L stainless steel wire, with blue Low Density Polyethylene coating (sheathed), double needle in suture size 2-0, having a length of 60 cm.

Lead conductor resistant (14.50 Ω /M)¹



- Stainless steel pacing wire insulated with Poly Ethylene.
- Poly Ethylene thermal sheath provides better flexibility to withstand body movement.
- Maximum energy transmission & minimum heat due to resistance.
- Optimum exposure of conductance wire towards intracorporeal end.
- Jack plug feature & straight breakaway needle.

Product Information

Structure	Multifilament	
Suture Type	Non-Absorbable	
Composition	Stainless Steel	
Coating	LDPE	
Color	Blue	
Tensile Strength	Permanent	
Absorption Profile	Permanent	
Size	2-0	
Sterilization Method	Ethylene Oxide	
Box Quantity	1 Dozen	
Shelf Life	5 Years	
Code	ADVA 13	ADVA 15
Needle	17mm 1/2 circle taper cut & 63mm st cutting break-off double arm needle	26mm 1/2 circle taper cut & 63mm st cutting break-off double arm needle

ADVASPONG

Absorbable Gelatin Sponge

Empowering haemostasis with confidence and precision

Ultra-refined gelatin-based foam

Precise bleed management, unhindered tissue healing

Unmatched proficiency, supreme oozing control



Where safety meets efficacy, **ADVASPONG** redefining wound care

Rapid platelet adhesion & aggregation ¹, achieve haemostasis within 2-3 minutes ²

Extraordinary blood absorption, 50-60 times its molecular weight

A biodegradable marvel, complete absorption within 3-4 weeks ³

Maximizing delicate tissue protection ⁴, minimizing sponge swelling effect

Technical Specifications

Product	Sterile Absorbable Haemostatic Gelatin Sponge	
Order code	ADVASPG-S	ADVASPG-R
Type	Standard	Regular
Material	Purified Gelatin	Purified Gelatin
Dimensions	80 x 50 x 10 mm	70 x 50 x 10 mm
No. of items / pack	2	2
Sterilization	Gamma Radiation	Gamma Radiation
Shelf life	3 Years	3 Years

REFERENCES:

1,2. Advances in haemostatic sponges: Characteristics and the underlying mechanisms for rapid haemostasis by Akriti Nepal, Huong D N Tran, Nam-Trung Nguyen, Hang Thu Ta

3. Hemostasis, Surgical Bleeding, and Transfusion by Margaret C. Mudge

4. Recent advances in the medical applications of hemostatic materials by Yu Guo, Min Wang, Qi Liu, Guoliang Liu, Shuang Wang and Jiannan L

Absorbable Suture Portfolio

	ADVACRYL*	ADVACRYL PLUS*	ADVACRYL RAPID*	ADVAMRYL*	ADVAPD*	ADVACAT*
Composition	90% Glycolide, 10% L-lactide Braided Coated Synthetic Absorbable Surgical Suture	90% Glycolide, 10% L-lactide Antibacterial with Triclosan Braided Coated Absorbable Surgical Suture	90% Glycolide, 10% L-lactide Braided Coated Synthetic Absorbable Surgical Suture	Poliglecaprone 25 Monofilament Synthetic Absorbable Surgical Suture	Polydioxanone Monofilament Synthetic Absorbable Surgical Suture	Collagen from Submucosal layer, Natural Absorbable Surgical Suture
Tensile Strength	70% - 14 days 50% - 21 days 20% - 28 days	75% - 14 days 40% - 55% - 21 days 15% - 28 days	42% - 5 days All of the original tensile strength is lost by 10 to 14 days post implantation	Dyed 60%, Undyed 55% - 7 days Dyed 40%, Undyed 15 - 20% - 14 days	80% - 14 days 70% - 28 days 45% - 42 days	Plain 10 to 12 days Chromic 21 to 25 days
Mass Absorption	Upto 80 days	Upto 80 days	Upto 42 days	Upto 90 days	180 - 220 days	84 days
Available Sizes	U.S.P. 2 to 6-0	U.S.P. 2 to 4-0	U.S.P. 1 to 5-0	U.S.P. 0 to 5-0	U.S.P. 1 to 7-0	U.S.P. 2 to 3-0
Colour	Undyed and Violet	Violet	Undyed	Undyed and Violet	Violet	Yellow and Brown

Non-Absorbable Suture Portfolio

	ADVALENE*	ADVABOND*	ADVALON*	ADVASYL*
Composition	Polypropylene Monofilament Synthetic Non-Absorbable Surgical Suture	Polyethylene Terephthalate Braided Coated Synthetic Non-Absorbable Surgical Suture	Polyamide / Nylon Monofilament Synthetic Non-Absorbable Surgical Suture	Proteinaceous Silk Fibers called Fibroin, Braided Natural Non-Absorbable Surgical Suture
Tensile Strength*	Permanent	Gradual encapsulation of suture by fibrous connective tissue	Gradual loss in tensile strength over a period of time. Gradual encapsulation of suture by fibrous connective tissue	
Mass Absorption*	Non-Absorbable	Non-Absorbable	Non-Absorbable	Non-Absorbable
Available Sizes	U.S.P. 1 to 8-0	U.S.P. 5 to 6-0	U.S.P. 1 to 10-0	U.S.P. 4 to 5-0
Colour	Blue	White and Green	Black	Black

* These are approximate days which may vary with size.

* Mass Absorption : Time in days required for suture to be totally absorbed by the body.



Advanced Hernia Solutions

advancing the science of tissue reinforcement

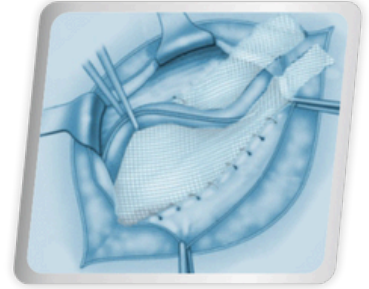


ADVAMESH[®] Polypropylene Mesh

Ultimate strength and confidence for repair of abdominal wall hernia and deficiencies

The ADVAMESH[®] Edge

⬡ Specially engineered for open ventral and inguinal hernia repairs



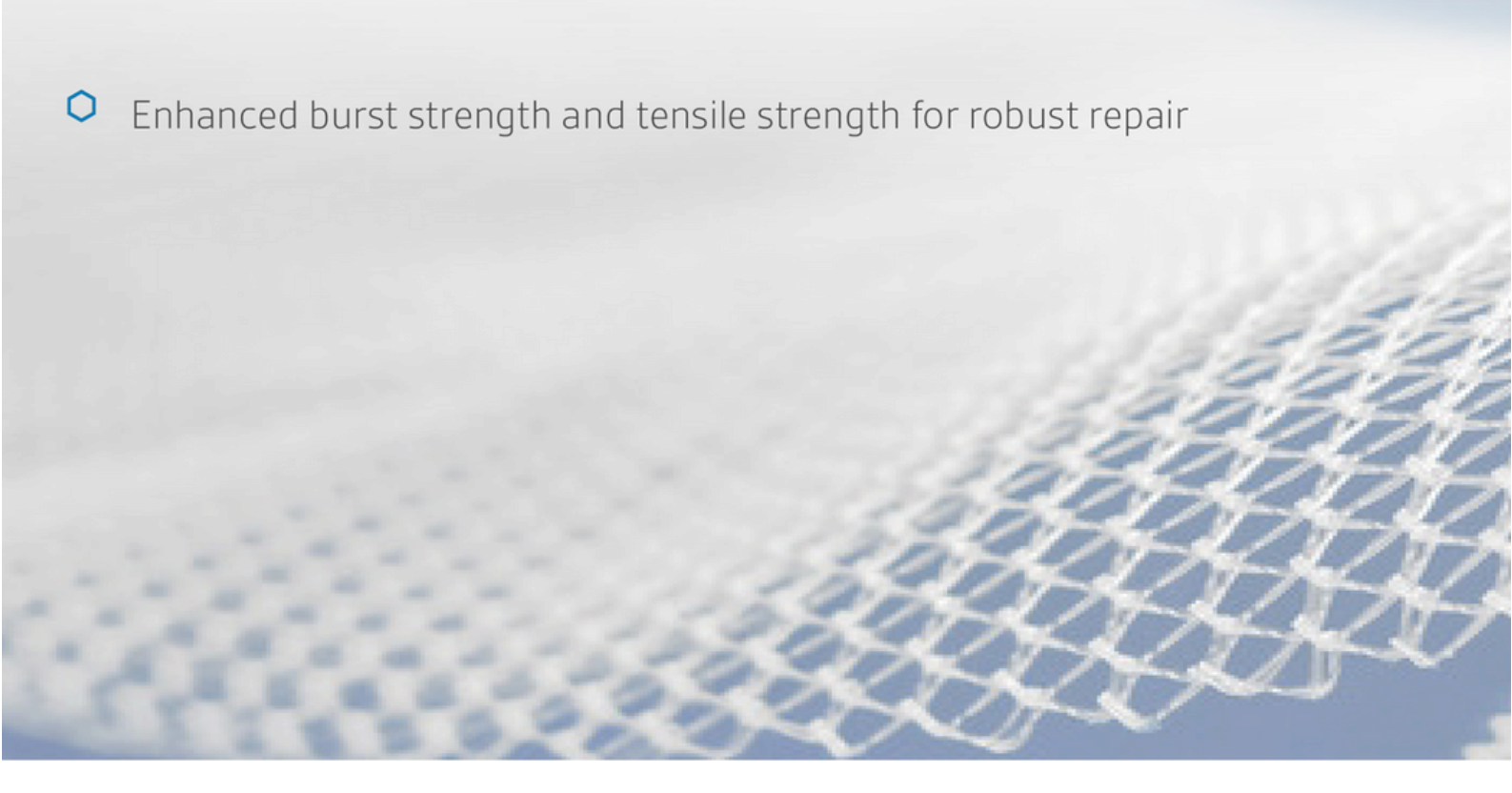
⬡ Light compliant knit structure allows fibroblastic tissue response



⬡ Ease of customization for confident clinical outcomes

⬡ Advanced knitting structure allows optimal tissue growth & flexible scar formation

⬡ Enhanced burst strength and tensile strength for robust repair



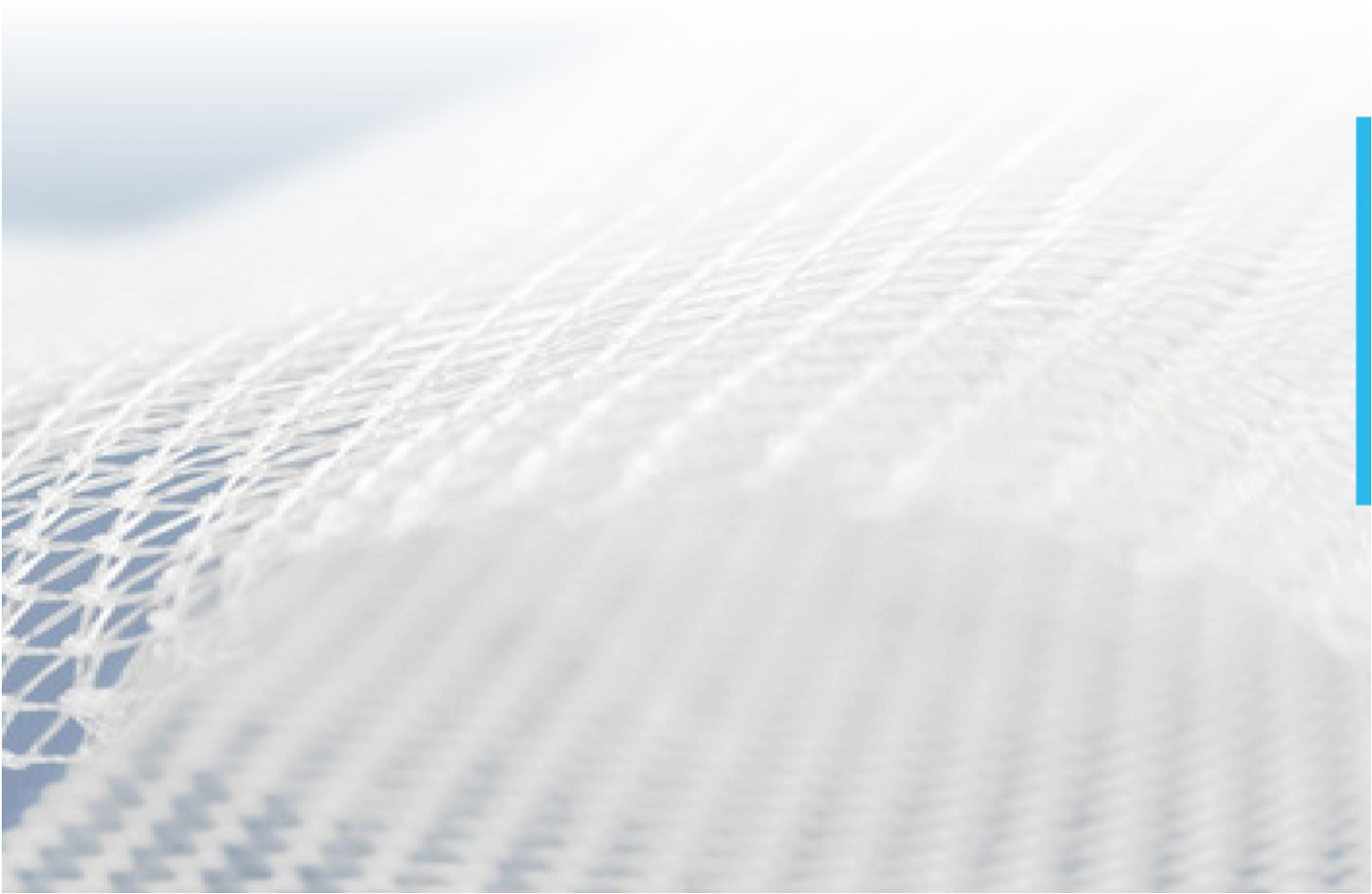
Technical Specification

Typical pore size 1.0 x 0.6 mm

Weight of the mesh ~ 65 GSM

Thickness 0.46 mm

Mullen burst strength ~ 930 KPA



ADVAMESH[®] Macroporous

The perfect balance of confidence

Uniquely crafted

for unmatched tissue reinforcement

Macroporosity: enhanced comfortable healing⁴

- ⬢ Reduced fibrous tissue encapsulation
- ⬢ Optimized tissue integration¹
- ⬢ Prevents infection and seroma formation^{3,4}
- ⬢ Less foreign body material¹

Advanced warp-knitting technology

- ⬢ Smooth and atraumatic design²
- ⬢ Flawless fray resistant edges
- ⬢ Customization for confident clinical outcomes⁴



Innovative honeycomb structure

- ◊ Multidirectional elasticity²
- ◊ Flexible scar plate: adapting to body's movements¹
- ◊ Minimizing memory, maximizing implant effectiveness³

Blue informative lines

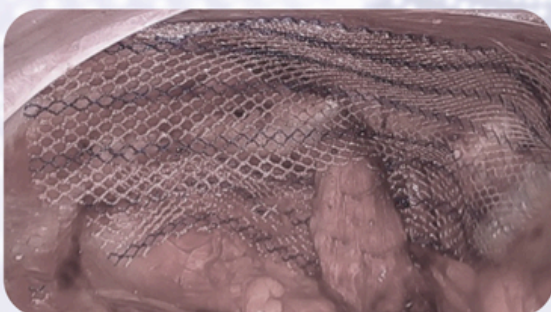
- ◊ Facilitates precise placement and minimal tissue disruption
- ◊ Improved visibility of underlying anatomy

Superior strength and handling

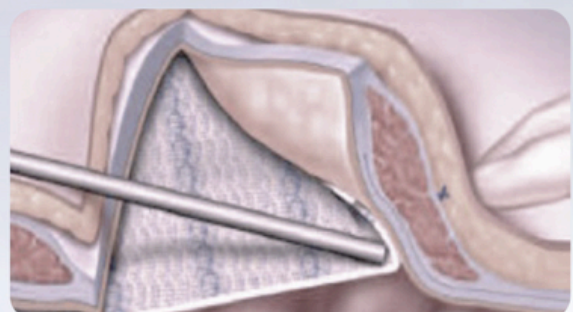
- ◊ Robust mechanical strength and flexibility¹
- ◊ Abdominal wall conformability for supreme softness¹

Suitable for laparoscopic & open procedures

- ◊ Easy trocar deployment
- ◊ Seamless unfolding of mesh intraoperatively



Laparoscopic repair



Open repair

Technical Specification

Material	Polypropylene
Pore size	3 x 2.2 mm (Honeycomb)
Weight	~50 GSM
Thickness	0.49 mm
Burst strength	585 (Kpa)
Monofilament size	5-0 (0.125mm)
Shelf Life	5 Years

Ordering Information

Reference	Product description	Qty / box
ADVAPM0611	Polypropylene macroporous (6 cm x 11 cm)	3
ADVAPM7615	Polypropylene macroporous (7.6 cm x 15 cm)	3
ADVAPM1015	Polypropylene macroporous (10 cm x 15 cm)	3
ADVAPM1515	Polypropylene macroporous (15 cm x 15 cm)	3
ADVAPM1520	Polypropylene macroporous (15 cm x 20 cm)	3
ADVAPM2020	Polypropylene macroporous (20 cm x 20 cm)	1
ADVAPM3030	Polypropylene macroporous (30 cm x 30 cm)	1

Reference

1. Past, Present and Future of Surgical Meshes: A Review (22-08-2017) By Karen Baylon, Perla Rodríguez-Camarillo, Alex Elías-Zúñiga, José Díaz-Elizondo, Robert Gilkerson, Karen Lozano
2. Mesh implants: An overview of crucial mesh parameters (2015 Oct 27; 7(10): 226–236) By Lei-Ming Zhu, Philipp Schuster, Uwe Klinge
3. Hernia repair: the search for ideal meshes (11-11-2009) By S. Bringman, J. Conze, D. Cuccurullo, J. Deprest, K. Junge, B. Klosterhalfen, E. Parra-Davila, B. Ramshaw, V. Schumpelick
4. Effects of macroporous monofilament mesh on infection in a contaminated field (2014 Aug 29, 399(7): 873–877) By Kamil Bury, Maciej Smetanski, Bigda Justyna, Piotr Gumiela, Anna Irmina Smetanska, Radosław Owczuk, Lukasz Naumiuk, Alfred Samet, and J. Paradziej-Lukowicz



ADVASTAP[®] Skin Stapler
Think Intelligent. Think ADVASTAP.





Extractor

- Effortless removal with sleek and elegant design
- Comprehensive compatibility with various brands of skin staples
- Consistent and controlled performance for optimal results

Technical Specification

Order code	ADVASKN-35
Description	Skin stapler 35 wide
Closed position	 7.25 mm 4.20 mm
Wire	0.56 mm
Staple material	Medical grade stainless steel
Units per box	10
Shelf life	3 years

Reference

1. Study of comparison between skin sutures and skin staplers: 400 case studies By Vikash Lal, Tanveer Parvez Shaikh, Pranav Narayan, Sharique Ansari, Sandesh Deolekar

2. Surgical Staples: A Superior Alternative to Sutures for Skin Closure After Neck Dissection—A Single-Blinded Prospective Randomized Clinical Study By Shrenik Oswal, Rajiv Borle, Nitin Bhola, Anendd Jadhav, Sanidhya Surana, Rajesh Oswal

ADVASTAP[®] Skin Stapler

Closure than you think.



- - **Advanced Inventory System**
Enhanced staple count visibility

- **Pinpoint Placement Technology**
Innovative design for precise positioning accuracy

- **Revolutionary Feed System**
Smooth and effortless stapling performance

User-centric intuitive design

Versatile flexibility

High quality construction

Optimized cosmesis¹

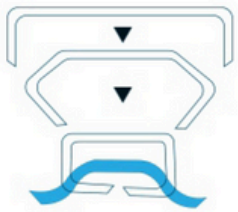
The Ultimate Solution for every surgeon.



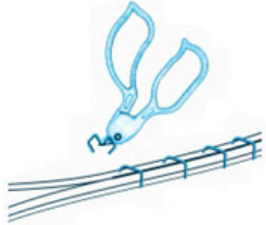
Superior handling with advanced grip design



Simplified clip ejection with high performance functionality²



Flawless box-style staple formation

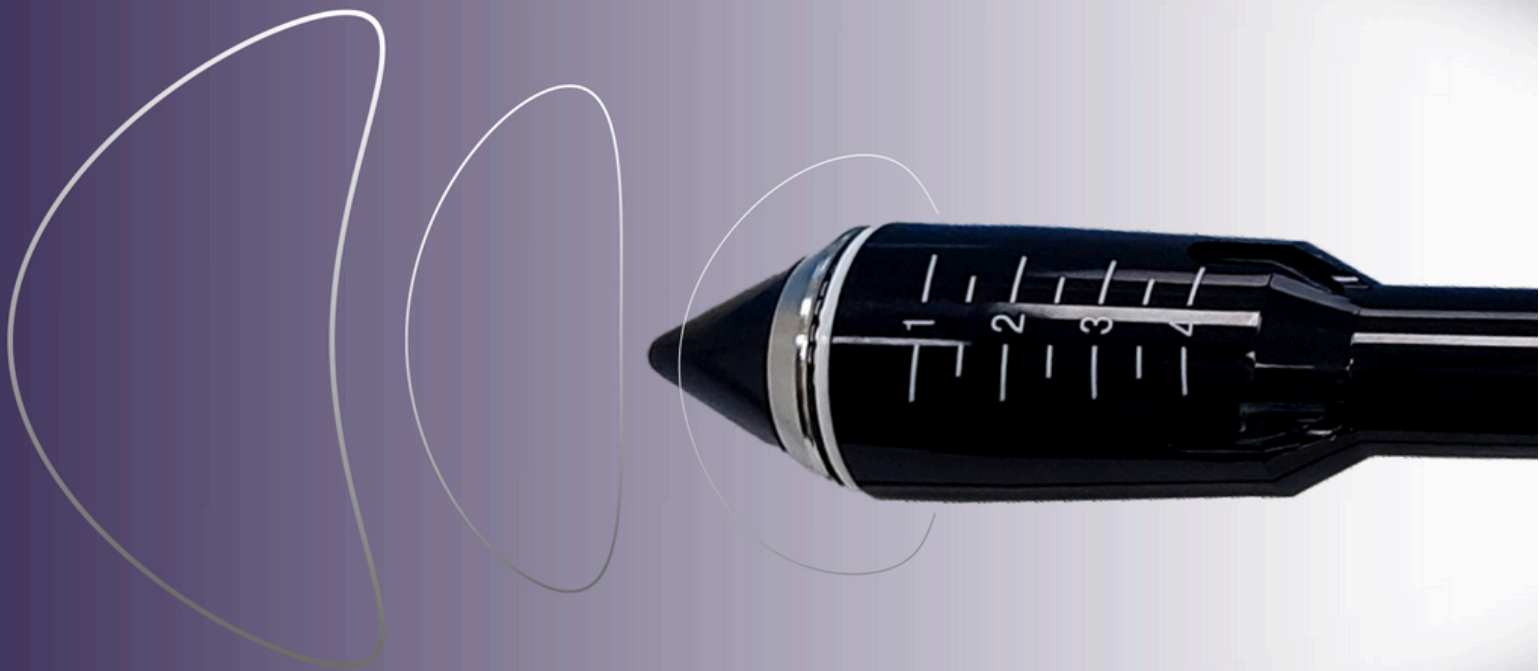


Swift and seamless extraction



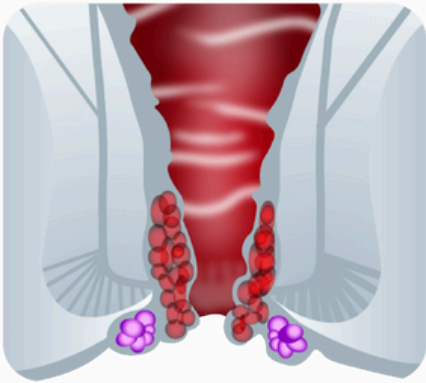
ADVASTAP HD Hemorrhoid Stapler

Safe. Superior. Precisely Invasive.

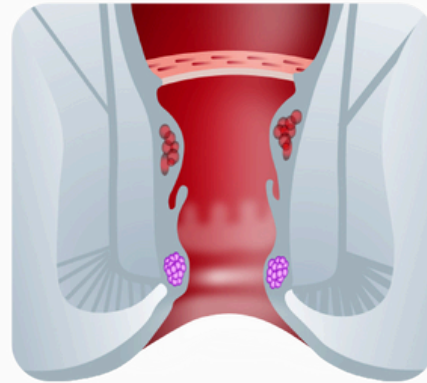


Prioritising patient confidence. ²



Pre-treatment examination



Post-treatment progress



Technical Specification

Reorder code	ADVAPPH-33	ADVAPPH-34
Pin row construction	2 Row	2 Row
Pin material	Titanium Grade 1	Titanium Grade 1
Pin per cartridge	34 	34 
Staple height	3.8 mm	3.8 mm
Closed staple shape	B Form	B Form
Closed staple height	0.75 mm-1.5 mm	0.75 mm-1.5 mm
Housing capacity (cc)	17.97	21.86
Lumen size	33 mm	34 mm
Qty/box	1	1
Shelf life	3 years	3 years
Usability	Single-use	Single-use

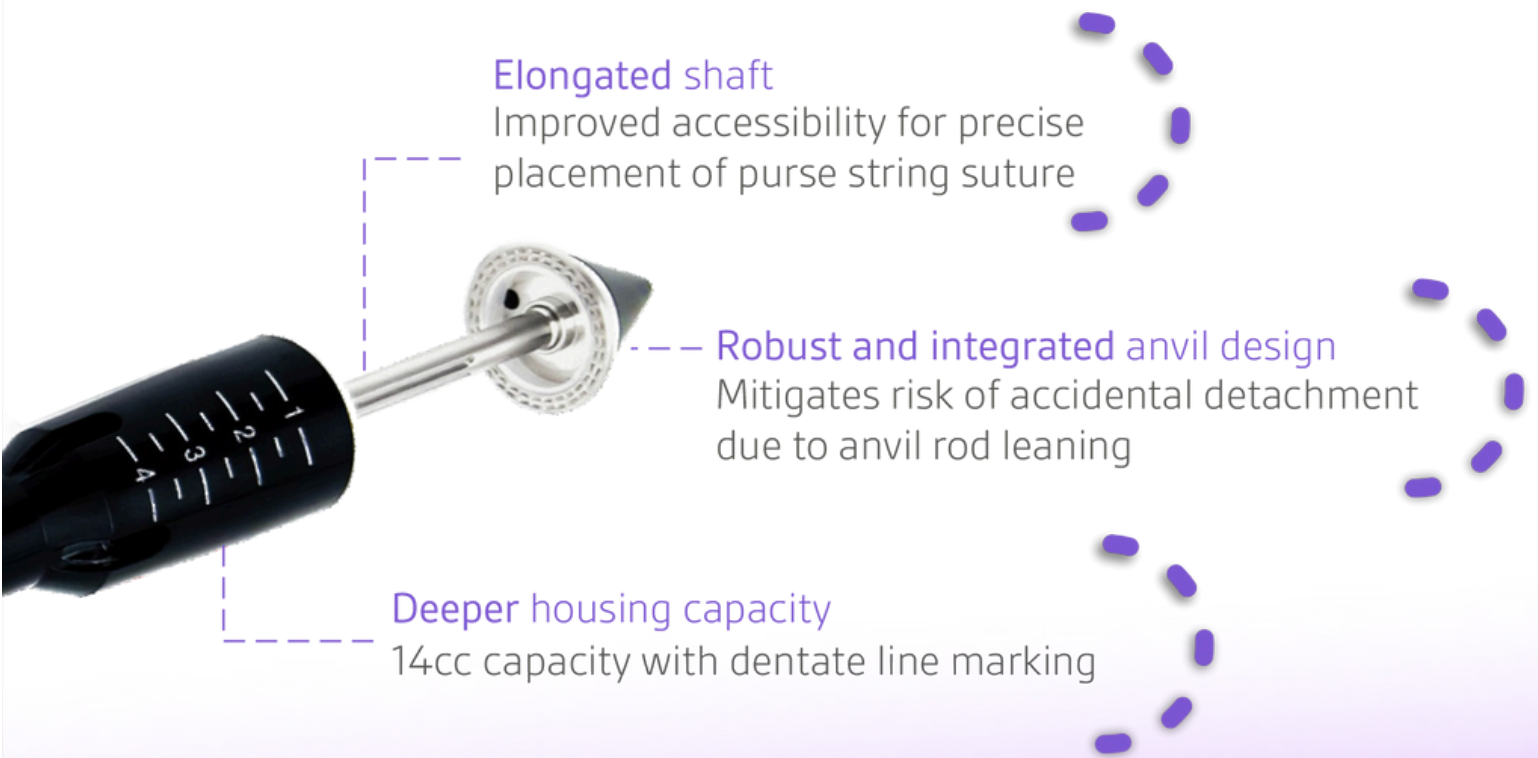
Reference

1. Stapled Surgery for Hemorrhoidal Prolapse: From the Beginning to Modern Times (10-03-2020)by Alessandro Sturiale*, Bernardina Fabiani, Claudia Menconi, Danilo Cafaro, Felipe Celedon Porzio and Gabriele Naldini

2. A Prospective Study Comparing Stapler and Open Surgical Technique of Hemorrhoidectomy (03-17-2023)By Mohal Kumar, Deepak Pankaj, Nitesh Kumar, K Abhishek, Vibhuti Bhushan, Yasir Tajdar, Pooja Kumari, Sweta Muni

ADVASTAP HD Hemorrhoid Stapler

Advancing superior hemostasis with optimal compression



Transanal Accessories



Driving Innovation in Surgical Stapling Safety¹

Intelligent dual safety mechanism

Safety lock should be in open position



Red indicator should be in the green zone

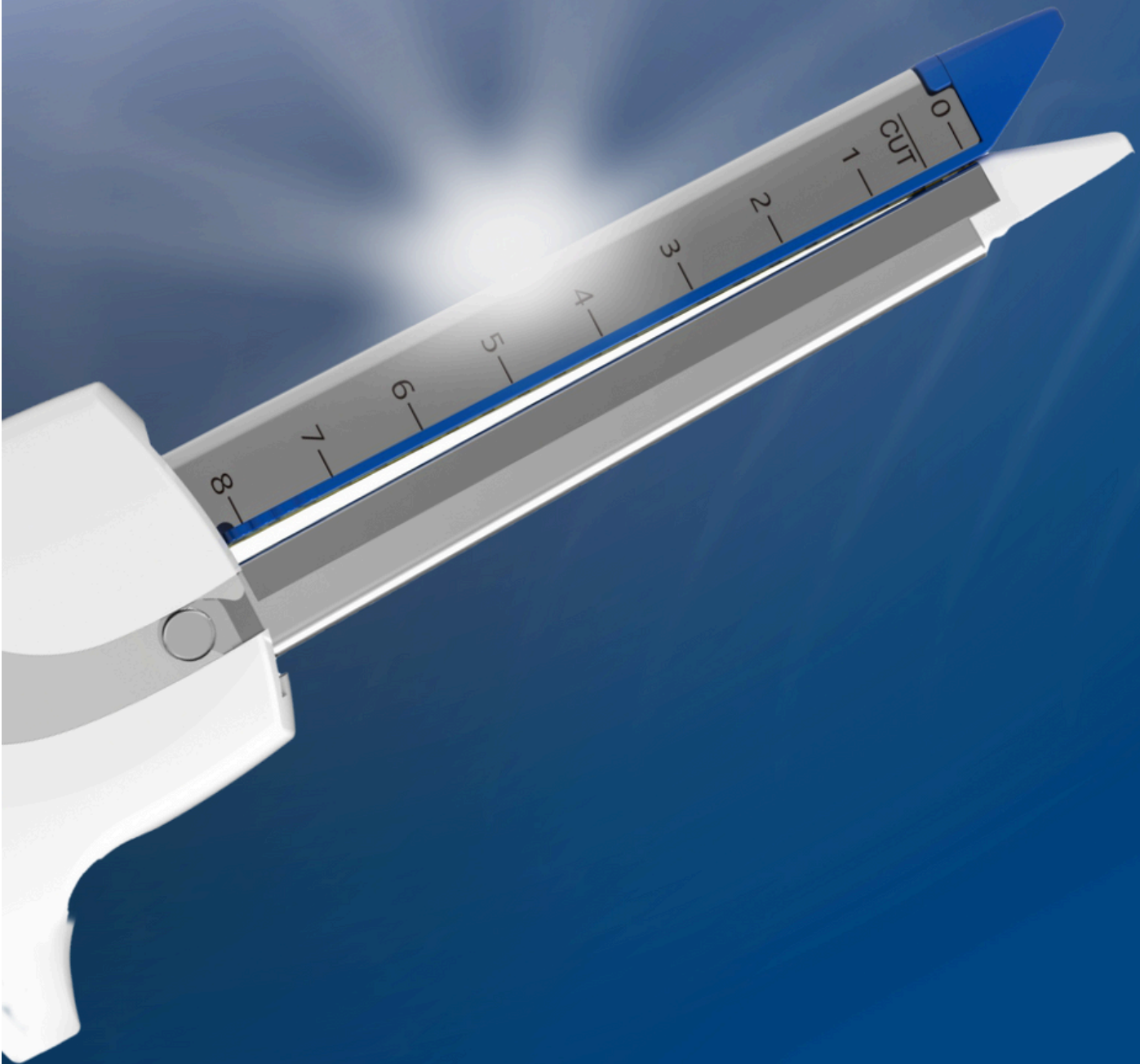


ADVALENE

Polypropylene: The ideal choice for purse-string suturing

ADVASTAP LC Linear Cutter

INNOVATION. SECURITY. CONSISTENCY.



Innovative B-form staple technology ²

Consistent tissue compression ²

Minimised risk of leaks or bleeding ¹

Superior hemostasis with less tissue stress ²



Flawless directional bending: Enabled by rectangular cross-section



Technical Specification

Cartridge order codes	ADVALCR60B	ADVALCR60G	ADVALCR80B	ADVALCR80G
Linear cutter order codes	ADVALC60	ADVALC60	ADVALC80	ADVALC80
Staple length before closure	3.8 mm	4.8 mm	3.8 mm	4.8 mm
Approx. staple height closed	1.6 mm	2.0 mm	1.6 mm	2.0 mm
Color				
No. of reloads	6	6	6	6
No. of pins	64	64	84	84
Rows of staples	4	4	4	4
Length of staple line	61	61	81	81
Shelf life	3 years	3 years	3 years	3 years
Usability	Single-use	Single-use	Single-use	Single-use

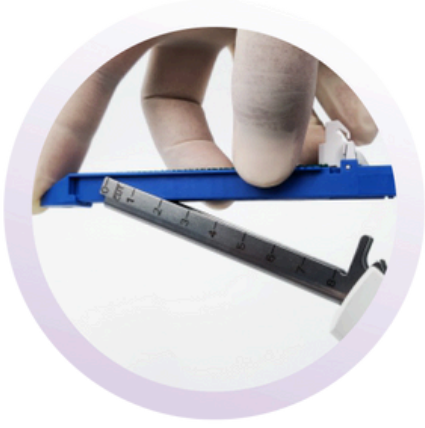
Reference

1. Stapled versus handsewn methods for ileocolic anastomoses (15-11-2019) by Gaetano Luglio, Francesco Corcione

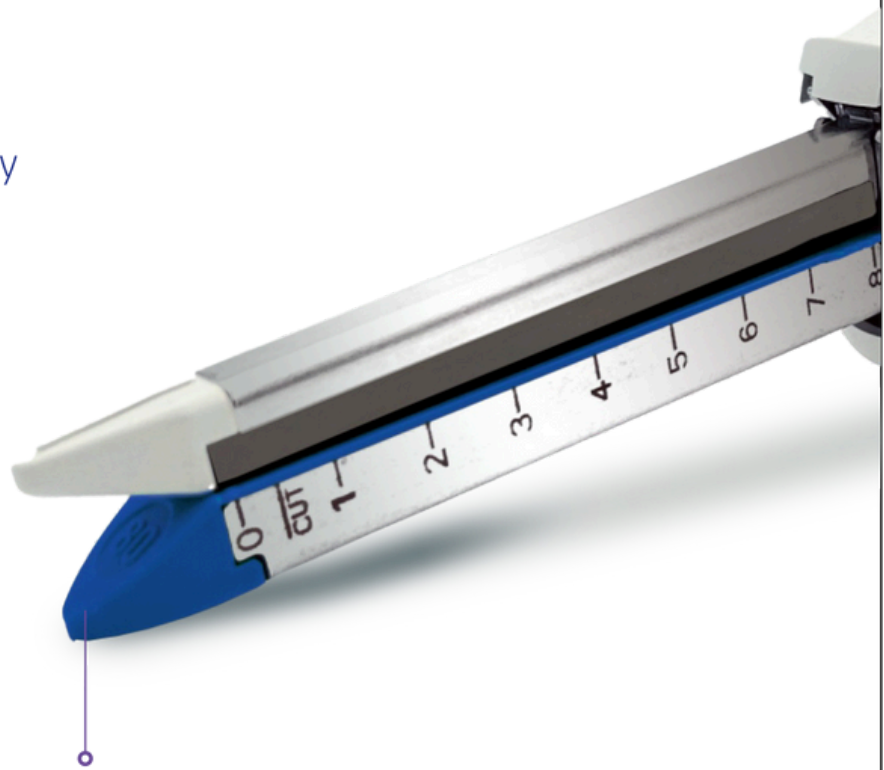
2. Surgical stapling device – tissue interactions: what surgeons need to know to improve patient outcomes (12-09-2014) by Edward Chekan and Richard L Whelan

ADVASTAP LC Linear Cutter

Secure hemostasis for unwavering confidence



Uncompromised coupling safety
Single use reloads ²

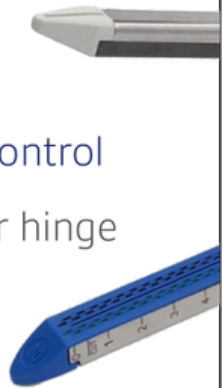


Optimal and secure placement
Atraumatic anvil tip



Pristine stainless steel
High performance blade
with each cartridge

Simplified tissue control
Single handed rear hinge
clamping



Anti-skid grip

Achieving ideal firing force



Robust reload lock lever



Smooth & rapid unclamping

Push button release



Enhanced firing efficiency

Two sided equipoised firing knob



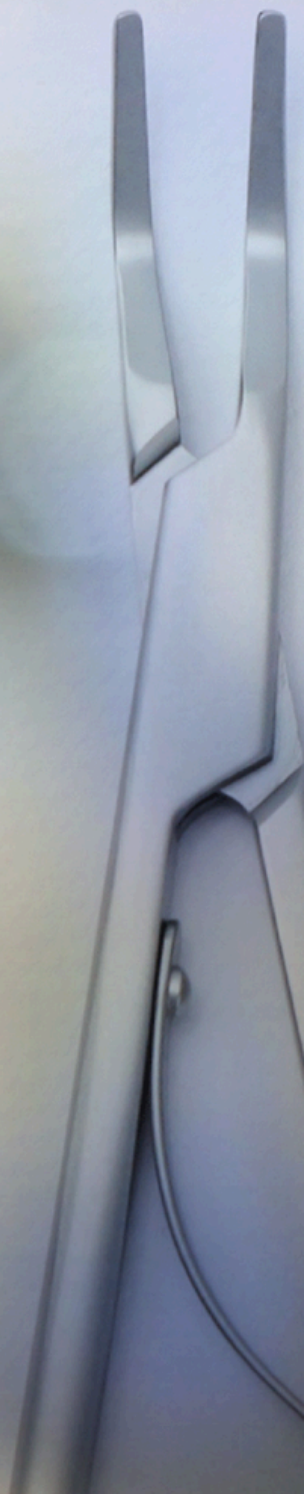
Safety lock

Enclose the blades pre and post firing

Avoids accidental operational misfiring before clamping²

LIGATURE SOLUTIONS





Unmatched precision for superior hemostasis











Ordering information

- > Clips are delivered in color-coded cartridges for easy identification
- > 3 years shelf life

ADVA CLIP

Reference code	Clip size	Clips/ cartridge	Cartridges/ box	Clips/ box	Cartridge color
ADVATLG-S	Small	6	24	144	
ADVATLG-M	Medium	6	24	144	
ADVATLG-ML	Medium-Large	6	18	108	
ADVATLG-L	Large	6	18	108	

APPLIERS

Reference code	Clip size	Jaw Type	Working length	Units/ box	Handle color
ADVATLG-SA9	Small		19 cm, 28 cm	1	
ADVATLG-MA9	Medium		19 cm, 28 cm	1	
ADVATLG-MLA9	Medium-Large		19 cm	1	
ADVATLG-LA9	Large		19 cm	1	

ADVACLIP Titanium Ligation Clip¹

Security redefined

Meticulously designed

- **Inner cross-serration:** Optimizing the contact surface
- **Innovative pull-tab adhesive mechanism:** Intuitive fixation at any surface and effortless cartridge loading
- **Single mold design:** Eliminates cartridge dismantling



Revolutionizing clip integrity

- **Novel knurling surface:** Superior grip to avoid clip slippage
- **Distinctive heart-shaped profile:** Dependable vessel occlusion, eliminating the risk of scissoring



Reference

1. The use of titanium ligation clips in microsurgical subinguinal varicocelectomy 2013 Mar; 39(1): 29–34. By Mustafa Kırac, Lütfi Tunç, Nuri Deniz, and Hasan Biri

Distinguished chevron shape for safe and precise positioning

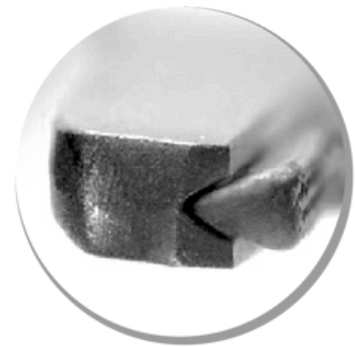


Unique tip first closing behavior

ADVACLIP APPLIERS for open surgical procedures

Quick, easy and effective

- **Diamond dusted jaws:** Enhanced stabilization and precise loading
- **Triangular surface:** High accuracy of clip positioning within the jaws



ADVALOOP[®]

Pre-knotted Ligature Loop



ADVALOOP[®]

Pre-knotted Ligature Loop

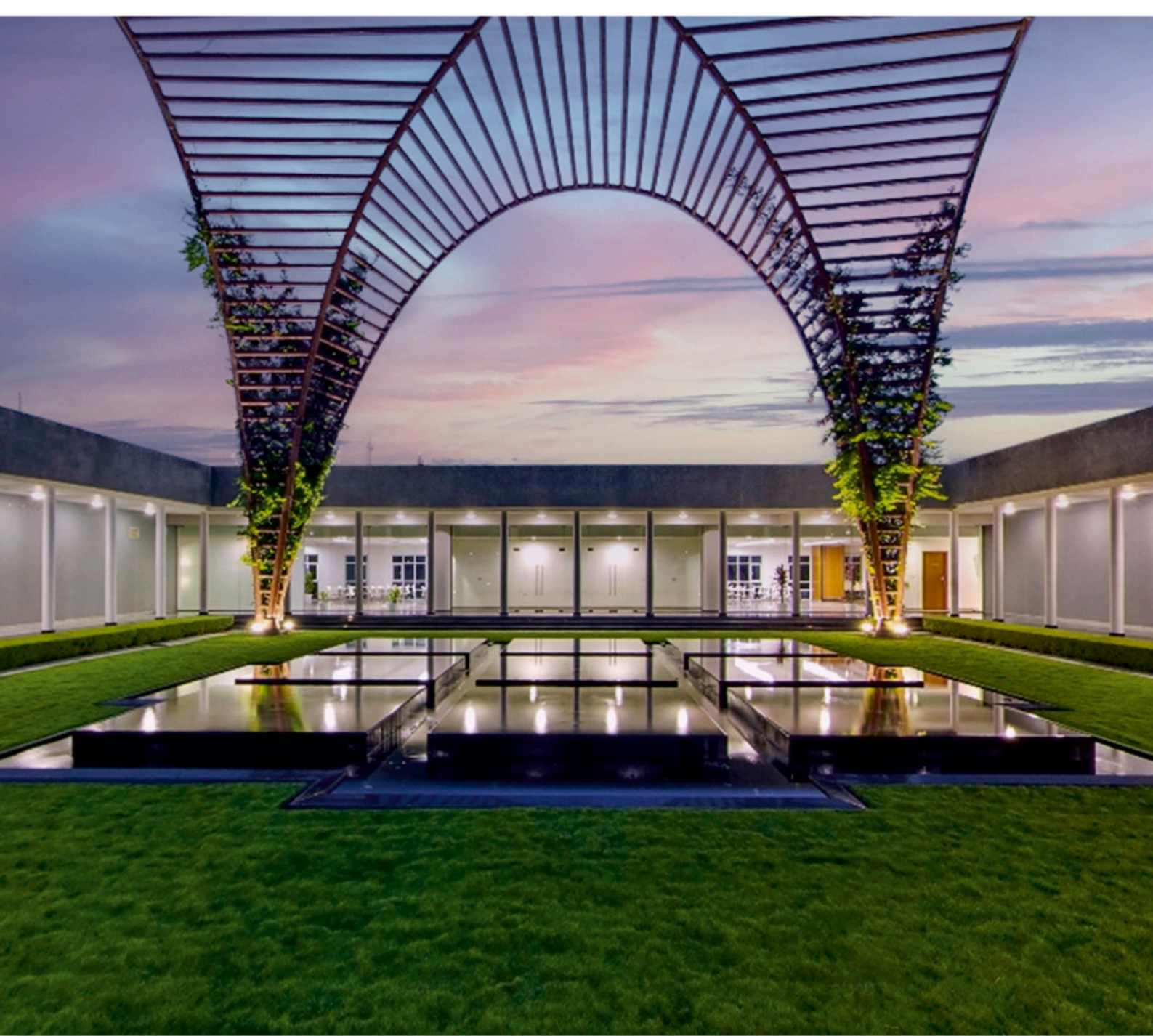
Catgut chromic pre-knotted loop for your ligation needs in laparoscopic procedures



- Designed to ligate tissue with loop slipped knot
- Precise & excellent hemostasis
- Non-leachable mark at the scored end
- Nylon tube securely glued at extra-corporeal end
- Marginal reduction in intra-operative cost

Product Information

Characteristics	Natural Absorbable Surgical Suture	
Color	Chromic	
Absorption	84 days	
Tensile Strength	21 days	
Sterilization	Gamma Radiation	
Shelf Life	5 Years	
Packaging	1 Dozen	
Code	ADVALP01	ADVALP02
USP Size	0 (50 cm)	1 (50 cm)



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Healthcare Made Better



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www.larioxhealth.com