


ADVALENE[®]

Reliable Performance for Confidence
in Contaminated Wound Closure

Non-Absorbable Suture



Monofilament Polypropylene Blue

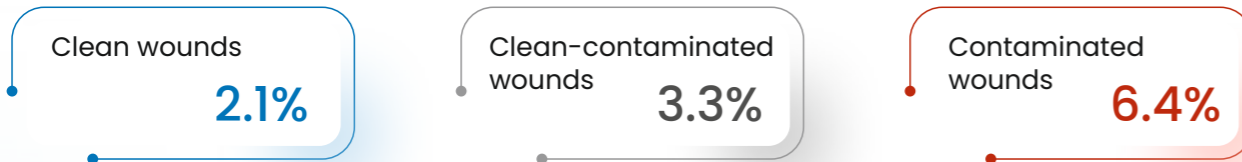
 Advanced Wound Care
where every suture is a seal of confidence

 **AMS**
Advanced MedTech Solutions

SSI is the Third Most Common Infection among Hospital Acquired Infections¹

- Majority of patients presented for surgery are either clean-contaminated or contaminated.²
- Contamination further multiplies the risk of surgical site infections.^{2,3}

Risk of SSI in Patients with



Surgical Site Infections Lead to

9.8 days
Extra post operative stay²

2-11 times⁴
Increased risk of death due to surgery

- Like all implants, sutures can be colonized by bacteria, which can lead to biofilm formation.³
- Polypropylene sutures are associated with lower infection rates in contaminated tissues.⁵

With Exceptional Strength Comes Confidence that Lasts



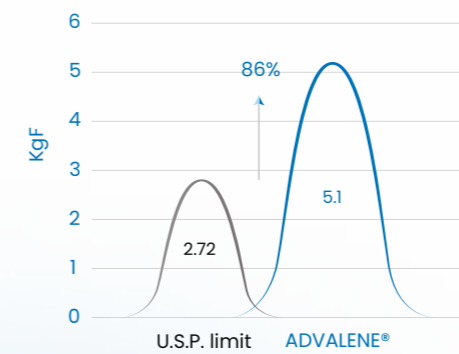
Isotactic Strength for Permanent Wound Support⁶

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

Polypropylene
ADVALENE

Predictable Strength for Permanent Support

Knot Pull Tensile Strength (KgF)



86%
more

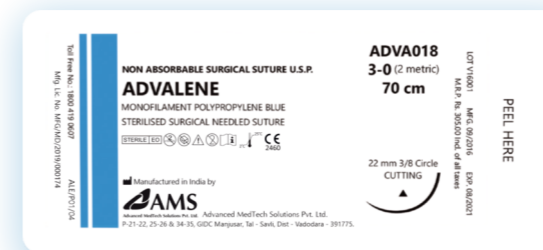
Augment Your Confidence

- Exceptionally Smooth Surface⁷**
 - For minimal tissue drag and trauma
- Excellent Plasticity Ensures⁸**
 - Knot deforms and flattens to provide excellent knot security
 - Excellent elasticity and elongation guarantee a stable knot

knot pull tensile strength
than U.S.P. limit⁶

The Assurance of an Aluminium Pack⁶

The only Polypropylene with Aluminium Pack ensures



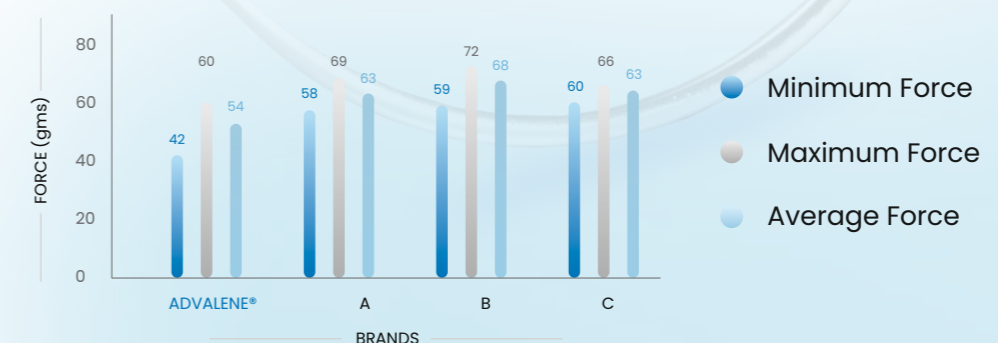
- An excellent barrier against external elements
- Reduced risk of damage during handling
- Long term sterility

ADVALLOY

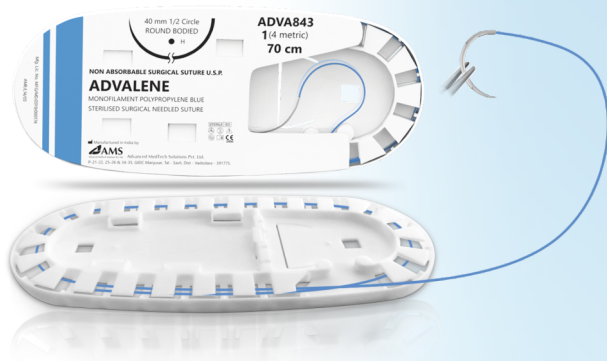
Quantum Leap in Needle Technology

Needles That Ensure an Unsurpassed Suturing Experience

Premium Needles Paving the Way for Enhanced Confidence Needle Penetration Study⁶



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



ADVA[®]TRAY – patented dispensing system designed to deliver ease of suture dispensing with minimal memory in the suture strand.⁶

Product Description

Composition
Polypropylene



Colour
Blue



Available Sizes
U.S.P. 2 to 10-0



Absorption Profile
Non Absorbable



Coating
None



Tensile Strength
Permanent



Needle Type

A wide variety of Round Bodied (Taper Point), Ball Point, Cutting, Taper Cut, Trocar, Reverse Cutting, Blunt Point, Oval Round Bodied, Diamond Point & Sternum Reverse Cutting Needles.

Reference :

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. Henry - Stanley et. al. Surg infect (Larchmt). 2010; 11:433
4. Mangaram, Alicia, "Guideline for prevention of surgical site infection" Vol. 20 No. 4, 1999
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. Data on AMS file.
7. Commonly used suture materials in skin surgery - Ronald L. Moy, Alicia Zalka, Dec, 1991
8. 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

