Polysorb™
Braided, Synthetic Absorbable Suture

STRENGTH AND SECURITY WHEN IT’S NEEDED MOST
Polysorb™ suture provides statistically equivalent levels of bacterial colonisation as compared to both Vicryl™* Plus suture and Vicryl™* suture.  

BACTERIAL COLONISATION (STAPHYLOCOCCUS AUREUS)

*all braided suture statistically equivalent at all time points*
We’re all part of the same community. A community entrusted with enhancing and saving the lives of patients. At Covidien, we actively help you and all of our partners in the healthcare community. Every day.

Together, we can provide your patients with optimal care and quality of life. Today, Tomorrow and Beyond.
Polysorb™ Suture.
Strength and Security, When It’s Needed Most.

You Want the Best for Your Patients.
That’s where Covidien comes in. You can rely on our Polysorb™ sutures to deliver the treatment your patients need to heal successfully.

Polysorb™ suture is 21% stronger than Vicryl™ suture during the critical wound healing period with a similar absorption profile.¹

Polysorb™ suture’s sheath and core design has a greater number of finer fibers giving it a superior tensile strength over Vicryl™ suture.

Our robust manufacturing and quality testing processes ensure that the products we put in your hands are reliable and effective.
Dedication To Product Improvement
Your patients’ well being can never be compromised, which is why we have been upholding and advancing the standards of effectiveness for sutures throughout our history.

Why Use Polysorb™ Suture?

STRENGTH

• Stronger out of the package than Vicryl™ suture and after it is knotted which provides greater strength during surgery.¹

• 21% stronger than Vicryl™ suture during the critical wound healing period, when strength is most important.¹

PERFORMANCE

• Significantly stronger knot security than Vicryl™ suture.²

• Significantly less drag force than Vicryl™ suture.²

PEACE OF MIND

• Significantly lower mean cumulative incidence of suture spitting compared to Vicryl™ suture 31% vs. 19%.³
SPECIFICATIONS

COMPOSITION: Lactomer Glycolide/Lactide Copolymer coated with Caprolactone and Calcium Stearoyl Lactylate

SUTURE SIZE OPTIONS: Available in all sizes
USP sizes 2 (5 metric) through 8-0 (0.4 metric)

SUTURE LENGTH OPTIONS: Available in 13cm, 20cm, 30cm, 45cm, 60cm, 75cm, 90cm, 100cm, 120cm, 150cm, 240cm, 250cm, 366cm as well as Reels, Precuts and Standard Length.

NEEDLE OPTIONS:
• Conventional Cutting
• Reverse Cutting
• Premium Reverse Cutting
• Spatula
• Premium Spatula
• Multipurpose
• Straight Cutting
• Taper Point
• Taper Cutting
• Blunt Point
• Blunt Taper

REFERENCES
1 Covidien Internal R&D, Tensile strength size 2/0, Kg of force.
2 Faulkner, et al, University of Virginia School of Medicine, Biomechanical Performance of a Braided Absorbable Suture, 1996.
4 Covidien Internal R&D. In Vitro Evaluation of Staphylococcus aureus of commercial Braided Synthetic Absorbable (BSA) suture materials (some containing Triclosan) and Monofilament Synthetic Absorbable (MSA) sutures, 2006.