

ETHICON SYNTHETIC ABSORBABLE SUTURES

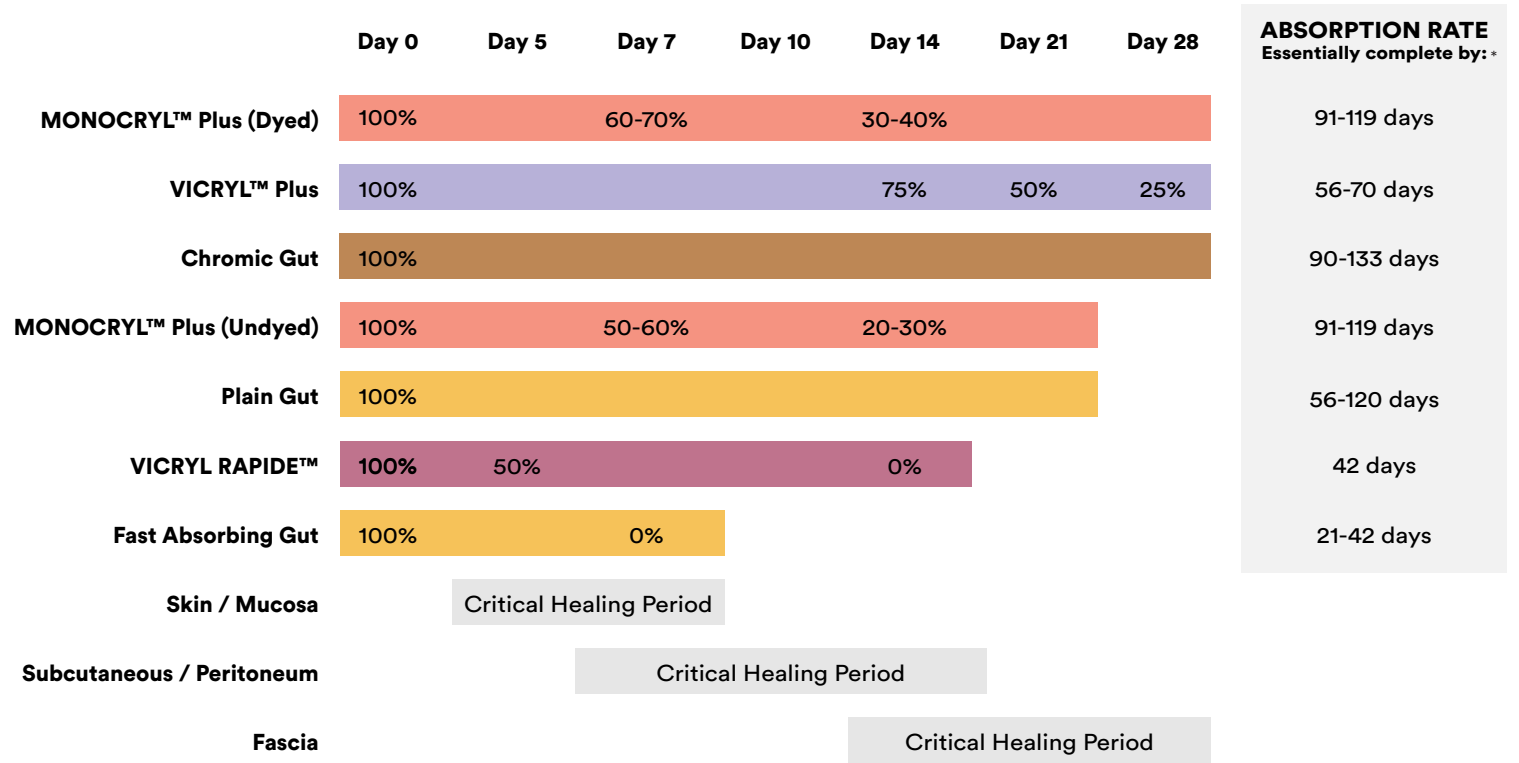
It's time to make the switch

Ethicon is discontinuing some gut suture codes in order to alleviate supply pressures across our suture portfolio. We understand this can be an inconvenience, we recommend considering our **synthetic absorbable sutures** that offer the same Ethicon suture and needle quality you trust.



Ethicon offers synthetic absorbable sutures to satisfy a broad range of tissue layer closure and strength retention needs. To help smooth the transition, a **comparable synthetic absorbable suture—which includes Plus Antibacterial Sutures**—is available for each of the affected gut suture offerings

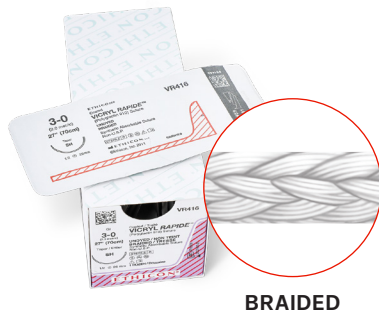
In Vitro Suture Strength Retention Ranges vs. Critical Wound Healing Period¹⁻⁷



*Time necessary for suture to dissolve, leaving no detectable traces in tissues

Why switch to a synthetic absorbable suture?

Gut sutures demonstrate higher variability in stability, predictability, and absorption than synthetic absorbable sutures, especially in the presence of a compromised immune system, infection, or malnutrition.^{8,9}



BRAIDED

VICRYL RAPIDE™ has:

- superior straight tensile strength, intrinsic straight tensile strength, elongation, needle pull-off strength, and knot tensile strength
- superior knot slide performance
- superior package memory

as compared to competitive Catgut sutures^{10*}

Coated VICRYL™ Plus Antibacterial Suture has:

- superior straight tensile strength, intrinsic straight tensile strength, percent elongation, and knot tensile strength
- superior knot slide performance
- superior package memory
- higher in vivo break strength retained at 0, 14, 21, and 28 days
- lower variability for in vivo break strength retained at 0, 14, 21, and 28 days^{12†}

as compared to competitive Chromic Gut sutures^{12‡}



BRAIDED



MONOFILAMENT

MONOCRYL™ Plus Antibacterial Suture has:

- superior straight tensile, intrinsic straight tensile strength, elongation, and knot tensile strength
- superior knot slide performance
- superior package memory

as compared to competitive Catgut sutures^{10¶}

Help protect your patients with Plus Antibacterial Sutures

ETHICON™ Plus Antibacterial Sutures were associated with a **nearly 30% reduction in SSI risk** in 31 RCTs with over 14,000 patients.^{12,13#}

At just 48 cents more per strand on average than traditional sutures. Plus Sutures are a small price to pay compared to the cost of a single SSI, which can cost \$39,000 (US Dollars).^{14,15¥}



* Tested in ex vivo Size 2-0 sutures

† As measured in relative standard deviation

‡ Tested in size 2-0 sutures

¶ Tested ex vivo in Size 1 sutures

Source: National Institute for Health and Care Excellence. Plus Sutures for preventing surgical site infection. Medical technologies guidance [MTG59]. June 28, 2021.

¥ As shown in coronary artery bypass surgery

Talk to your Ethicon representative about the benefits of switching to synthetic absorbable sutures.

Discontinued Product	Recommended Replacement Product(s)
Fast Absorbing Plain Gut Suture	VICRYL RAPIDE™ (polyglactin 910) Suture
Plain Gut Suture	MONOCRYL™ Plus Antibacterial (poliglecaprone 25) Suture (Undyed) MONOCRYL™ (poliglecaprone 25) Suture (Undyed)
Chromic Gut Suture	Coated VICRYL™ Plus Antibacterial (polyglactin 910) Suture Coated VICRYL™ (polyglactin 910) Suture MONOCRYL™ Plus Antibacterial (poliglecaprone 25) Suture (Dyed) MONOCRYL™ (poliglecaprone 25) Suture (Dyed)

For complete indications, contraindications, warnings, precautions, and adverse reactions, please reference full package insert.

References:

1. VICRYL RAPIDE™ (polyglactin 910) Suture, Instructions for Use. Ethicon, Inc. 2. Fast Absorbing Surgical Gut (Plain), Instructions for Use. Ethicon, Inc. 3. Coated VICRYL™ (polyglactin 910) Suture, Instruction for Use. Ethicon, Inc. 4. Coated VICRYL™ Plus Antibacterial (polyglactin 910) Suture, Instruction for Use. Ethicon, Inc. 5. Surgical Gut Suture (Plain and Chromic), Instructions for Use. Ethicon, Inc. 6. MONOCRYL™ (poliglecaprone 25) Suture, Instruction for Use. Ethicon, Inc. 7. MONOCRYL™ Plus Antibacterial (poliglecaprone 25) Suture, Instruction for Use. Ethicon, Inc. 8. Kettle, C., Dowswell, T., Ismail, K.M. (2010) Absorbable suture materials for primary repair of episiotomy and second degree tears. (2010) Cochrane database of systematic reviews (Online), 6, pp. CD000006 9. Walton M. (1989) Strength retention of chromic gut and monofilament synthetic absorbable suture materials in joint tissues. Clinical Orthopaedics and Related Research, 242, pp. 303 – 310 10. Vailhe E. Evaluation of Physical and Functional Properties of size 2-0 ETHICON VICRYL* rapide vs. ETHICON MERSUTURES* Catgut and size 1 ETHICON MONOCRYL* vs. ETHICON MERSUTURES* Catgut. AST-2012-0292, 2012 11. Vailhe E. Evaluation of Physical and Functional Properties of sizes 2-0 QualTrus, VICRYL EU, VICRYL US, VICRYL RAPIDE, and AGARY CHROMIC CATGUT. AST-2012-0108, Revision 2, 2012 12. Plus Sutures for preventing surgical site infection. National Institute for Health and Care Excellence. June 28, 2021. Accessed January 31, 2023. <https://www.nice.org.uk/guidance/mtg59/resources/plus-sutures-for-preventing-surgical-site-infection-pdf-64372124642245> 13. Supporting documentation – Committee papers. National Institute for Health and Care Excellence. April 2021. Accessed January 31, 2023. <https://www.nice.org.uk/guidance/mtg59/documents/supporting-documentation> 14. Plus Suture Cost Analysis. 2019. Ethicon, Inc. 15. de Lissvooy G, Pan F, Patkar A, et al. Surgical Site Infection Incidence and Burden Assessment Using Multi-institutional Real-world Data. Poster presented at International Society for Pharmacoeconomics and Outcomes Research (ISPOR) 14th Annual European Congress; November 5-8, 2011; Madrid, Spain.