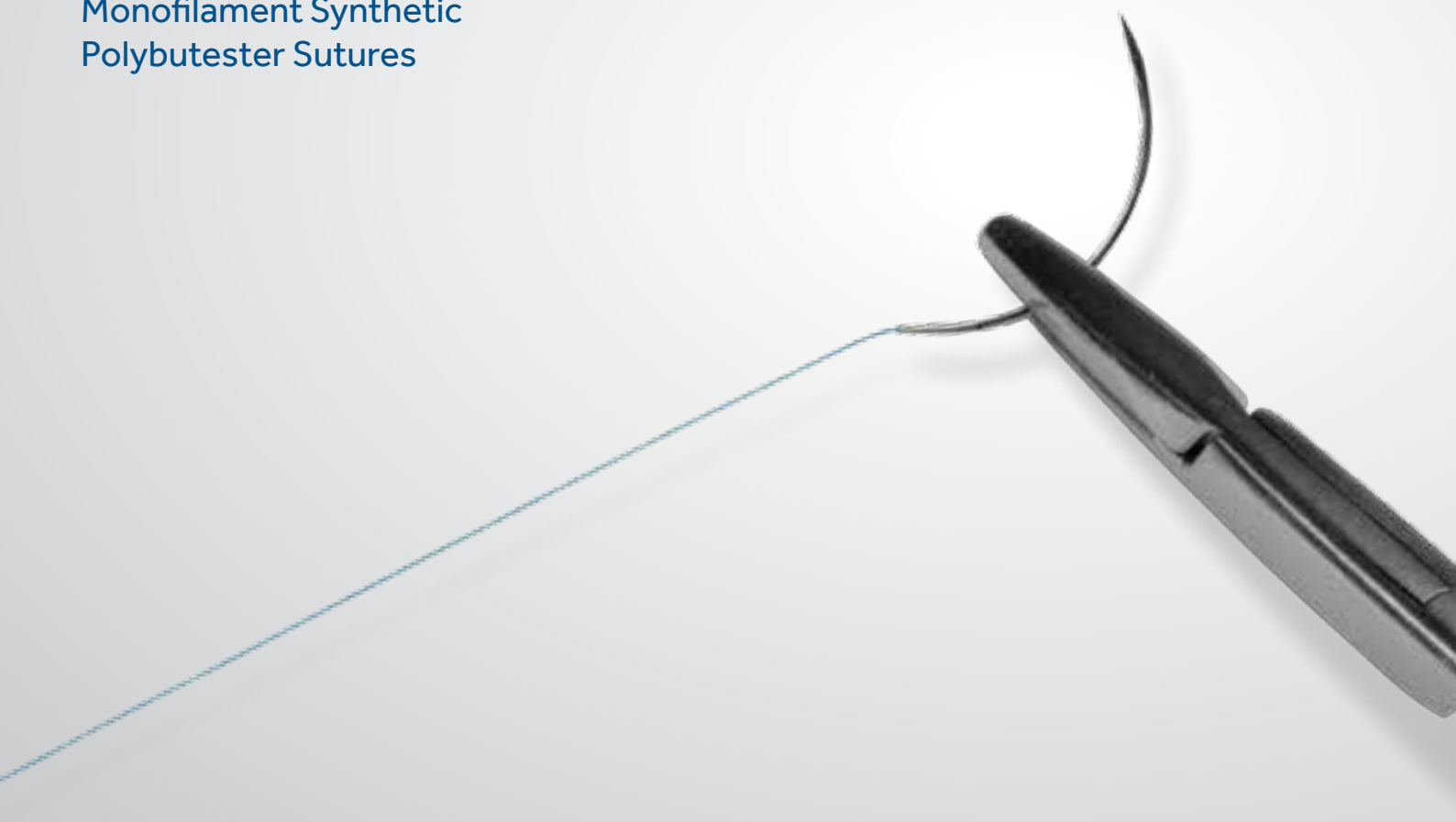


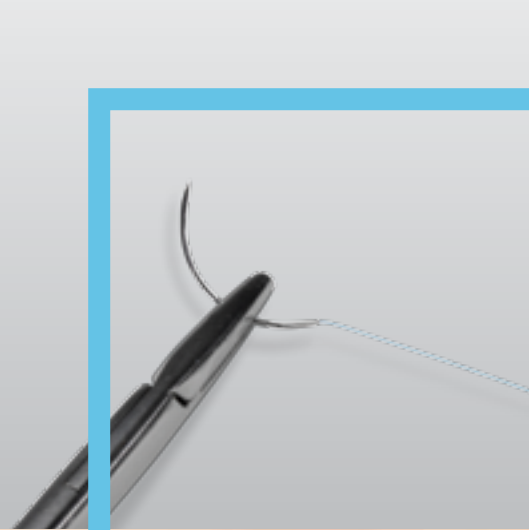
Novafil™

Monofilament Synthetic
Polybutester Sutures



FEEL THE
DIFFERENCE

Medtronic
Further, Together



Introducing Novafil™ Polybutester Suture

We're committed to improving your procedures, outcomes, and bottom line with innovative products like the Novafil™ suture. It offers easier handling.

Novafil™ suture is an effective alternative to your current nylon and polypropylene sutures, but don't take our word for it.

Feel the Novafil™ suture difference.



ALONG THE JOURNEY OF RECOVERY WITH **NOVAFIL™ SUTURE**



See how Novafil™ sutures perform in each wound healing phase¹

Novafil™ suture

Stages of wound healing



1. **HEMOSTASIS:**
Immediate



Easy to form tight and secure knots



2. **INFLAMMATORY:**
8 hrs to 1 week



Stretches with Inflammation



3. **PROLIFERATIVE:**
48 hrs to 3 weeks



Returns to original shape when swelling subsides



4. **REMODELING:**
2 to 12 weeks

Hydrophobic for easier removal

PATIENT EXPERIENCE



Dynamic wounds need dynamic sutures

Wounds to the dermis experience considerable edema and wound expansion in the first 24 hours after surgery.

According to clinical studies, edema causes wounds to expand by an average of 1 mm.²

Because current monofilament sutures are static and relatively inelastic³, they do not expand to accommodate edema which may negatively impact scar formation.

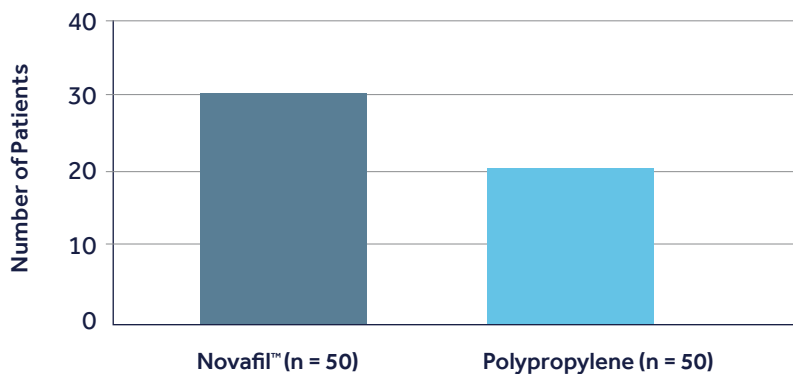
Novafil™ suture is dynamic. It stretches with edema and returns to its original shape when the swelling subsides.¹

Better Cosmetic Results with Novafil™ Sutures

In a study comparing Novafil™ suture to nylon, Novafil™ suture reduced the risk of hypertrophic scarring.⁴

In an additional comparative study, the use of Novafil™ sutures helps contribute to less scarring than polypropylene.¹

Scar quality rated as excellent



Don't take our word for it...Feel the Difference

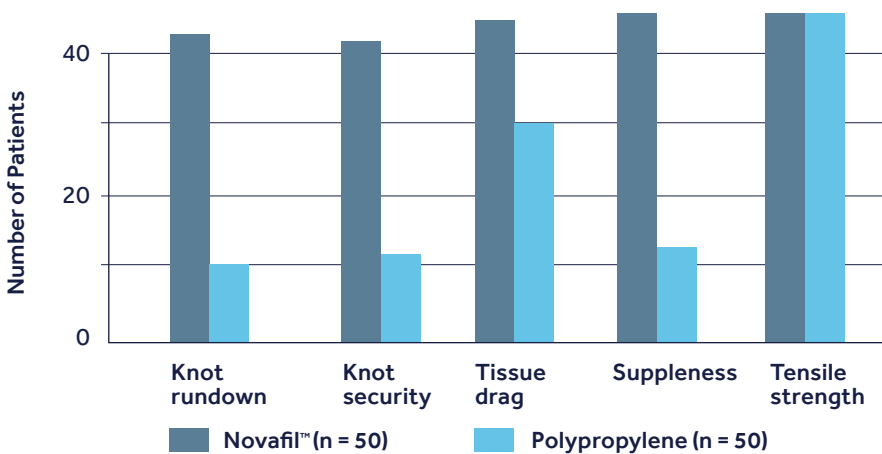


PROVIDER EXCELLENCE

Excellent suture handling characteristics

Whether you are an experienced surgeon or are suturing a patient for the very first time, the unique properties of Novafil™ sutures make it easier to tie, confident knots and efficiently care for your patients¹

Suture handling characteristics rated as excellent



More benefits, knot-to-knot

Compared to polypropylene suture products, Novafil™ suture offers features that potentially help facilitate successful skin closure and wound healing.¹



Elasticity helps facilitate knot security (small and tight knots)¹

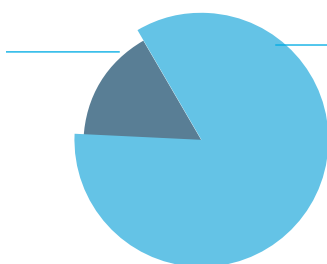


Blue color helps increase visibility while suturing

Novafil™ suture is composed of:

16% polyglycol terephthalate,

which allows for suppleness, flexibility and less memory⁵



84% polybutlene terephthalate,

which allows it to be resistant against creep and structural fatigue⁵

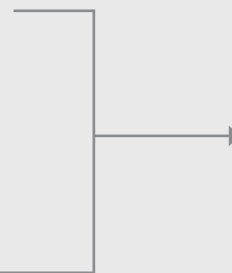
EFFICIENT CARE



Upgrade and Standardize

POLYPROPYLENE
SUTURES

NYLON
SUTURES



NOVAFIL™
SUTURES

By replacing current nylon and polypropylene with Novafil™ sutures for skin closure, you can:

**Decrease
by 50%**

the number of permanent
monofilament suture types

**Significantly
Reduce**

the number of product
SKUs that you manage



PRODUCT REORDER CODE INFORMATION FOR COMMON SKIN CODES

Product	Description	Box Quantity	Needle Length	Needle 1 Type
8886442043	Novafil™ 3-0 Blue 45 cm C-13	12	19	Reverse Cutting
8886442243	Novafil™ 3-0 Blue 45 cm C-14	12	24	Reverse Cutting
SPB1643G	Novafil™ 3-0 Blue 45 cm P-12	12	19	Premium Reverse Cutting
SPB5843G	Novafil™ 3-0 Blue 45 cm P-14	12	24	Premium Reverse Cutting
8886441933	Novafil™ 4-0 Blue 45 cm C-1	12	12	Reverse Cutting
8886442033	Novafil™ 4-0 Blue 45 cm C-13	12	19	Reverse Cutting
8886442233	Novafil™ 4-0 Blue 45 cm C-14	12	24	Reverse Cutting
SPB5143G	Novafil™ 4-0 Blue 45 cm P-11	12	16	Premium Reverse Cutting
SPB5633G	Novafil™ 4-0 Blue 45 cm P-12	12	19	Premium Reverse Cutting
SPB1233G	Novafil™ 4-0 Blue 45 cm P-13	12	13	Premium Reverse Cutting
SPB5833G	Novafil™ 4-0 Blue 45 cm P-14	12	24	Premium Reverse Cutting
8886441923	Novafil™ 5-0 Blue 45 cm C-1	12	12	Reverse Cutting
8886455523	Novafil™ 5-0 Blue 45 cm C-12	12	16	Reverse Cutting
8886442023	Novafil™ 5-0 Blue 45 cm Cv-13	12	19	Reverse Cutting
8886441023	Novafil™ 5-0 Blue 45 cm P-10	12	11	Premium Reverse Cutting
SPB5142G	Novafil™ 5-0 Blue 45 cm P-11	12	16	Premium Reverse Cutting
SPB1623G	Novafil™ 5-0 Blue 45 cm P-12	12	19	Premium Reverse Cutting
SPB5223G	Novafil™ 5-0 Blue 45 cm P-13	12	13	Premium Reverse Cutting
8886441913	Novafil™ 6-0 Blue 45 cm C-1	12	12	Reverse Cutting
8886442013	Novafil™ 6-0 Blue 45 cm C-13	12	19	Reverse Cutting
8886441013	Novafil™ 6-0 Blue 45 cm P-10	12	11	Premium Reverse Cutting
SPB5413G	Novafil™ 6-0 Blue 45 cm P-11	12	16	Premium Reverse Cutting
SPB1213G	Novafil™ 6-0 Blue 45 cm P-13	12	13	Premium Reverse Cutting
8886441003	Novafil™ 7-0 Blue 45 cm P-10	12	11	Premium Reverse Cutting

Also available in 75, 90 and 100 cm, boxes of 36, sizes 2-0, 0, 1, 2 and taper needles

FEEL THE DIFFERENCE WITH NOVAFIL™ SUTURES TODAY.



Learn more about the Novafil™ monofilament synthetic polybutester suture, and other wound closure products in the Medtronic portfolio.

Contact your Medtronic sales representative today

For more information, please visit
[medtronic.eu/product-catalog](https://www.medtronic.eu/product-catalog)



REFERENCES

1. Bang, RL. Comparative study of skin wound closure with polybutester (Novafil™) and polypropylene. Journal of the Royal College of Surgeons of Edinburgh. 1989
2. McGrath et al. Quantification of Wound Edema after Dermatological Surgery. British Journal of Dermatology. 2009
3. Rodeheaver, et al. Unique Performance Characteristics of Novafil. Surgery Gynecology and Obstetrics. 1987
4. Trimpos, JB. Cosmetic results of lower midline laparotomy wounds: Polybutester and Nylon skin suture in a randomized clinical trial. Obstetrics & Gynecology 1993
5. Bernstein, G. Polybutester Suture. Journal of Dermatologic Surgery & Oncology. 1988

Medtronic



Use scan app to read

For more information, please visit
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IMPORTANT: Please refer to the package insert for complete instructions, contraindications, warnings and precautions.

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