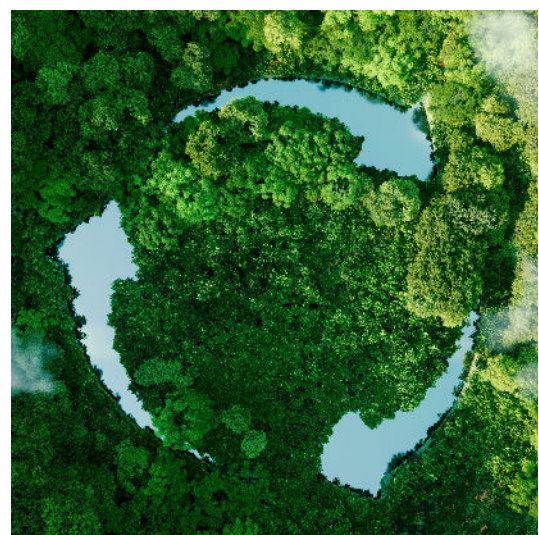




Bio-based medical devices, surgical packaging, and products for healthcare.



Product Catalog



Reduce single-use plastic



Eliminate chemicals of concern



Lower Scope 3 Category Carbon

Our Story



NewGen Surgical was started in 2012 with a vision to design quality single-use medical devices and products with sustainable materials.

With a growing concern around climate change and environmental pollution, we made it our mission – and our business – to redesign single-use plastic medical devices that lower the carbon and plastic footprint of healthcare. After years of working with nurses, O.R. staff, and physicians in the operating room, we found that healthcare’s significant contribution to the climate crisis was a concern we all shared. Using our experience with experts in the medical field, we reimagined single-use plastic disposable products made with upcycled, sustainable materials that delivered excellent clinical performance.

The NewGen Difference



Our innovative product design takes an agricultural byproduct and upcycles it into a sustainable healthcare solution.



- 1. Sugarcane**, considered one of the regenerative crops on the planet, is harvested. Sugarcane reduces CO₂ in the atmosphere due to carbon sequestration; as it grows, sugarcane absorbs CO₂.¹
- 2. Bagasse** is the by-product or 'waste' after sugar production, and this plant-based fiber goes through a thermoforming process to create the finished products.
- 3. Smart Sustainable Design™** is a process focused on clinical performance, sustainability, and cost.

¹Bagasse FAQ by Rakesh Rathore. CO₂e is a measure that was created by the United Nations' Intergovernmental Panel on Climate Change (IPCC).

Value of Sustainability



Using single-use plastic O.R. essentials come at a high price to the environment, and we pay with detrimental health effects on our communities and people, especially the most vulnerable.

At every stage of its lifecycle, plastic poses distinct risks to human health. Major greenhouse gases (GHG) emissions from production include sulfur oxides, nitrous oxides, methanol, ethylene oxide, and volatile organic compounds.¹ 148 chemicals are present in plastic or used in manufacturing have been identified as hazardous to human health and the environment.²

Replacing your single-use plastic products with bio-based, clinically developed medical devices and O.R. essentials:



Reduces single-use plastic³



Reduces CO₂e³



PFAS free³



Free of intentionally added BPA or BPA derived plastics, mercury, phthalates, and PVC³

¹Ecologycenter.org ²Chemtrust.org ³ Sustainability statements are validated by third-party resources and testing. CO₂e is a measure that was created by the United Nations' Intergovernmental Panel on Climate Change (IPCC).

Surgical Skin Stapler



Sustainable Design

The skin stapler handle and lever:

- 100% renewable bio-based material*
- Reduces CO₂e by over 50%¹
- 69% plastic reduction by weight¹
- Free of intentionally added BPA or BPA-derived plastics, mercury, phthalates, and PVC¹
- PFAS-free*

Clinical Performance

- Ergonomically designed for ease of use
- Easy to see staple remaining indicator
- 35 Surgical stainless-steel staples
- Consistent, reliable staple formation
- Alignment indicator designed for accurate staple placement
- Quality assurance – each device functionally tested
- Latex-free



# of Staples	Size	Closed Position	Wire Diameter
35	12.0 x 3.3 mm	6.9 x 3.9 mm	0.58 mm

Product Code	Description	Units of Measure
NGS35W-24	Stapler, skin, 35 wide, sterile, EPP/sustainable	6 ea/bx, 4 bx/cs
NGS35W-90NS	Stapler, skin, 35 wide, non-sterile, EPP/sustainable	90 ea/cs

US Patents: 9820739, 9572575, 9226749. European Patent: EP3094265A1. Always refer to the Instructions for Use for complete instructions, warnings, and precautions: www.newgensurgical.com/ifu. ¹When compared to a similar leading product made with plastic. Sustainability statements are validated by third-party resources. *Validated by third-party testing

Needle Counters



Sustainable Design

The needle counter box:

- 100% renewable bio-based material*
- Reduces CO₂e by 25% - 50% ¹
- 89-95% plastic reduction by weight¹
- Free of intentionally added BPA or BPA-derived plastics, mercury, phthalates, and PVC ¹
- PFAS-free*

Clinical Performance

- Easy-to-read numbers for securing needles
- Secure closure with audible feedback
- Adhesive tabs secure to any workspace
- Full-surface magnet provides space for larger needles and blades
- Supports safe sharps handling
- Easy to separate
- Latex-free



Product Code	Description	Units of Measure
NGSNC40FMMA-48	Needle counter, 40 count, foam block, double magnet, adhesive tabs, sterile, EPP/sustainable	12 ea/bx, 4 bx/cs
NGSNC20MA-360NS	Needle counter, 20 count, double magnet, adhesive tabs, non-sterile, EPP/sustainable	360 ea/cs
NGSNC30MA-360NS	Needle counter, 30 count, double magnet, adhesive tabs, non-sterile, EPP/sustainable	360 ea/cs
NGSNC40FMMA-90NS	Needle counter, 40 count, foam block, double magnet, outer adhesive tabs, non-sterile, EPP/sustainable	90 ea/cs
NGSNC60MA-90NS	Needle counter, 30-60 count, double magnet, outer adhesive tabs, non-sterile, EPP/sustainable	90 ea/cs
NGSNC80FMMA-90NS	Needle counter, 40-80 count, double foam, double magnet, outer adhesive tabs, non-sterile, EPP/sustainable	90 ea/cs
NGSNC100FMMA-90NS	Needle counter, 100 count, foam block, double magnet, adhesive tabs, non-sterile, EPP/sustainable	90 ea/cs

US Patents: D804053, D853582, D895839. Always refer to the Instructions for Use for complete instructions, warnings, and precautions: www.newgensurgical.com/ifu. ¹When compared to a similar leading product made with plastic. Sustainability statements are validated by third-party resources. * Validated by third-party testing

Ring Basin, 5500cc



Sustainable Design

- 100% renewable bio-based material*
- Reduces CO₂e by over 80%¹
- 92% plastic reduction by weight¹
- Biodegradable; rate dependent on disposal conditions²
- Free of intentionally added BPA or BPA-derived plastics, mercury, phthalates, and PVC¹
- PFAs free*

Clinical Performance

- Designed for use in procedures to hold fluids and medical supplies
- Rim notches and inner ring to help stabilize instruments
- Coated with biocompatible film
- Durable and strong
- Easy to see graduations; milliliter and cubic centimeter
- EO Sterilizable
- Latex-free



Product Code	Description	Units of Measure
NGS5500RBE-80NS	Basin, ring, 5500cc, non-sterile, EPP/sustainable	80 ea/cs

US Patent D896369. Always refer to the Instructions for Use for complete instructions, warnings, and precautions: www.newgensurgical.com/ifu. ¹When compared to a similar leading product made with plastic. Sustainability statements are validated by third-party resources. ²Product is biodegradable in a commercial compost facility; rate depends on the facility and conditions. *Validated by third-party testing

Sponge Bowl, 32oz



Sustainable Design

- 100% renewable bio-based material*
- Reduces CO₂e by 75%¹
- 84% plastic reduction by weight¹
- Biodegradable; rate-dependent on disposal conditions²
- Free of intentionally added BPA or BPA-derived plastics, mercury, phthalates, and PVC¹
- PFAS-free*

Clinical Performance

- Designed for use in procedures to hold fluids and medical supplies
- Coated with biocompatible film
- Durable and strong
- Easy to see graduations; milliliter and cubic centimeter
- EO Sterilizable
- Latex-free



Product Code	Description	Units of Measure
NGS32SB-400NS	Bowl, sponge, 32oz, non-sterile, EPP/sustainable	400 ea/cs

Always refer to the Instructions for Use for complete instructions, warnings, and precautions: www.newgensurgical.com/ifu. ¹When compared to a similar leading product made with plastic. Sustainability statements are validated by third-party resources. ²Product is biodegradable in a commercial compost facility; rate depends on the facility and conditions. *Validated by third-party testing

Emesis Basin, 700cc



Sustainable Design

- 100% renewable bio-based material*
- Reduces CO₂e by over 80%¹
- 89% plastic reduction by weight¹
- Biodegradable; rate-dependent on disposal conditions²
- Free of intentionally added BPA or BPA-derived plastics, mercury, phthalates, and PVC¹
- PFAS-free*

Clinical Performance

- Designed for use in procedures to hold fluids and medical supplies
- Coated with biocompatible film
- Durable and strong
- Easy to see graduations; milliliter and cubic centimeter
- EO Sterilizable
- Latex-free



Product Code	Description	Units of Measure
NGS700EB-250NS	Basin, emesis, 700cc, non-sterile, EPP/sustainable	250 ea/cs

Always refer to the Instructions for Use for complete instructions, warnings, and precautions: www.newgensurgical.com/ifu. ¹When compared to a similar leading product made with plastic. Sustainability statements are validated by third-party resources. ²Product is biodegradable in a commercial compost facility; rate depends on the facility and conditions. *Validated by third-party testing

One-Compartment Tray



Sustainable Design

- 88% renewable bio-based material*
- Reduces CO₂e by 82%¹
- 90% plastic reduction by weight ¹
- Biodegradable; rate-dependent on disposal conditions²
- Free of intentionally added BPA or BPA-derived plastics, mercury, phthalates, and PVC¹
- PFAS-free*

Clinical Performance

- Designed for use in procedures to hold fluids and medical supplies
- Coated with biocompatible film
- Durable and strong
- EO Sterilizable
- Latex-free



Product Code	Description	Units of Measure
NGS1CT-250NS	Tray, one-compartment, 9.25" x 4.75" x 2.00", non-sterile, EPP/sustainable	250 ea/cs

¹When compared to a similar leading product made with plastic. Sustainability statements are validated by third-party resources. ²Product is biodegradable in a commercial compost facility; rate depends on the facility and conditions. *Validated by third-party testing. NewGen Surgical, Inc. has earned the USDA Certified Biobased Product label for the One-Compartment Tray with 88% biobased content.

Two-Compartment Tray



Sustainable Design

- 88% renewable bio-based material*
- Reduces CO₂e by 81%¹
- 89% plastic reduction by weight¹
- Biodegradable; rate-dependent on disposal conditions²
- Free of intentionally added BPA or BPA-derived plastics, mercury, phthalates, and PVC¹
- PFAS-free*

Clinical Performance

- Designed for use in procedures to hold fluids and medical supplies
- Coated with biocompatible film
- Durable and strong
- EO Sterilizable
- Latex-free



Product Code	Description	Units of Measure
NGS2CT-250NS	Tray, two-compartment, 8.50" x 4.25" x 1.88", non-sterile, EPP/sustainable	250 ea/cs

¹When compared to a similar leading product made with plastic. Sustainability statements are validated by third-party resources. ²Product is biodegradable in a commercial compost facility; rate depends on the facility and conditions. *Validated by third-party testing. NewGen Surgical, Inc. has earned the USDA Certified Biobased Product label for the Two-Compartment Tray with 88% biobased content.

Procedure Kit Packaging Trays



Sustainable Design

- 100% renewable bio-based material*
- Reduces CO₂e by over 55%¹
- 100% plastic reduction by weight¹
- Biodegradable; rate-dependent on disposal conditions²
- Can be recycled with paper
- Free of intentionally added BPA or BPA-derived plastics, mercury, phthalates, and PVC¹
- PFAS-free*

Clinical Performance

- Designed for the healthcare industry
- Ridged surface allows for easier grasping or gathering of products
- Smooth edges that maintain the integrity of wraps, pouches, and bags
- Durable and strong
- EO Sterilizable
- Latex-free



Product Code	Description	Units of Measure
NGSPT2014-CS	Procedure kit packaging tray, extra-large shallow, 20" x 14" x 0.75", non-sterile, EPP/sustainable	100 ea/cs
NGSPT1814-CS	Procedure kit packaging tray, medium-large shallow, 18" x 14" x 0.75", non-sterile, EPP/sustainable	100 ea/cs
NGSPT1612-CS	Procedure kit packaging tray, large shallow, 16" x 12" x 0.75", non-sterile, EPP/sustainable	200 ea/cs
NGSPT1109-CS	Procedure kit packaging tray, medium shallow, 11.25" x 9.25" x 0.48", non-sterile, EPP/sustainable	200 ea/cs

US Patent D945638, D884920. Always refer to the Instructions for Use for complete instructions, warnings, and precautions: www.newgensurgical.com/ifu. ¹When compared to a similar leading product made with plastic. Sustainability statements are validated by third-party resources. ²Product is biodegradable in a commercial compost facility; rate depends on the facility and conditions. Validated by third-party testing*

What you buy has **impact**



Climate-impact-considered procurement strategies contribute to healthier environments in communities close to home and across the world. Together we are making a difference - one product is one step closer to greener operations for today and tomorrow.

Calculate Track Report



Small Change Big Impact Program.

This powerful tool keeps track and reports the single-use plastic waste and the CO₂e reduced with the use of NewGen Surgical products. Monthly, or quarterly, customers will get updated reports, social media and staff messaging to use with your own communication and internal reporting.

Commit to reducing single-use disposable plastic and Scope 3 GHG emissions by integrating sustainably designed, bio-based medical devices and surgical products into your operations today.

Clinical evaluation

While NewGen Surgical products deliver similar clinical performance, they are made with bio-based materials. Contact us today to acquire a sample and discuss a product evaluation.

Custom procedure kits

NewGen Surgical products are on contract with most major distributors. Request a kit change with your representative.

Product Samples

Request a sample of any of our products. Learn more about our current products and stay in the loop to hear more about our latest product innovations.

Send your interest to info@newgensurgical.com



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