



# Plant-Based Emesis Basin/Kidney Dish, 700cc

Reduce plastic, chemicals of concern, and CO<sub>2</sub>e with products made with upcycled sugarcane bagasse.

100% Plant-Based

EO Sterilizable



## Sustainable Design

- 100% renewable bio-based material\*
- Reduces CO<sub>2</sub>e by over 80%<sup>1</sup>
- 89% plastic reduction by weight<sup>1</sup>
- Free of intentionally added BPA or BPA-derived plastics, mercury, phthalates, and PVC<sup>1</sup>
- PFAS-free<sup>2</sup>

## 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](http://www.newgensurgical.com/ifu). \*Bio-based material percentage is tested and verified through the USDA BioPreferred Program. <sup>1</sup> When compared to a similar leading product made with plastic. Plastic and carbon reductions are validated through the Small Change, Big Impact EPP Program created in conjunction with environmental scientist, Ann Blake, Ph.D. <sup>2</sup> Validated by SGS North America.

# FAQ

## Frequently Asked Questions

### **What are the materials used for the emesis basin?**

The NewGen Surgical Emesis Basin is made from a plant-based composite. The basin is made with bagasse, a post-agricultural by-product from sugarcane production, that is upcycled to create the fiber pulp. The film is a biopolymer and meets biocompatibility standards based on ISO 10993, biological evaluation of medical devices.

### **How does NewGen Surgical get their products to be bright white?**

The raw pulp material, bagasse, undergoes an ECF bleaching process. ECF bleaching is a chlorine-free process in which no elemental (molecular) chlorine is used in the bleaching sequences.

### **Can this material be sterilized?**

Yes. The plant-based material maintains its performance, shape, and strength with ethylene oxide (EO) sterilization.

### **Is there any difference in the use of this product in the OR setting?**

No. The basin was designed with OR staff in mind to provide similar clinical performance and functionality as the current plastic product.

### **How does the emesis basin promote sustainability in healthcare?**

The healthcare industry is a significant consumer of plastics and one of the highest generators of waste. Healthcare is also a significant contributor of greenhouse gas emissions, up to 4.4% of the worldwide total.<sup>3</sup> Recent studies suggest that up to 71% of this total are attributed to Scope 3 Emissions, those associated with the supply chain and the goods and services used in delivering care. NewGen Surgical products have a direct and measurable impact in reducing plastic waste and CO<sub>2</sub>e.<sup>3</sup> For example, by moving from petroleum to renewable input material, the emesis basin achieves an 85% reduction in CO<sub>2</sub>e.<sup>1</sup>

### **Does the emesis basin include chemicals of concern?**

No. The basin is Prop 65 compliant and latex-free. In addition, the basin is free of intentionally added BPA or BPA-derived plastics, mercury, phthalates, and PVC.

### **Can the emesis basin get wet?**

Yes. The basin was designed to perform the same function as the existing plastic in the market – to hold fluids and instruments during a surgical procedure. Liquids should be placed into the basin and not the basin into liquids.

### **How can I measure the positive impact of my climate-conscious purchasing?**

The Small Change, Big Impact EPP program is a tool that keeps track and reports how much single-use plastic, and Scope 3 Emissions are being reduced by using plant-based NewGen Surgical products. Customers receive quarterly updates which can be used for ESG reports and communications.

<sup>3</sup>Health Care's Climate Footprint, HCWH, September 2019. CO<sub>2</sub>e is a measure that was created by the United Nations' Intergovernmental Panel on Climate Change (IPCC). NewGen Surgical, Inc. has been registered by Intertek as conforming to the requirements of: ISO 13485:2016. Medical Device Manufacturing License Issued by California Department of Public Health. License Number: 73698. NewGen Surgical, Inc. has earned the USDA Certified Biobased Product label for the Emesis Basin with 100% biobased content. Printed on 100% post consumer recycled paper. (If printing yourself, please consider using sustainably sourced FSC-certified paper)