

# The PureWick™ female external catheter (FEC)

An eco friendly approach to managing urine output in women

PureWick™ FEC negates the need for using the foley catheter, the catheter bag, the pulp urinal or continence products and wash bowls, thus reducing the use of these paper and plastic based products.



## PureWick™ FEC improves:

- Patient safety
- Patient experience
- Environmental sustainability



## The top 20 greenhouse gas emitting products include<sup>1</sup>:

Foley catheters, catheter bags, pulp urinals (for emptying) gloves, aprons and continence products



## Protecting patient, protecting the planet:

PureWick™ FEC can save at least 692g of clinical waste per patient per day<sup>2</sup>

Continence product waste (per patient per 24 hrs)	PureWick™ FEC waste (per patient per 24 hrs)	Saving (per patient per 24 hrs)
Shaped pad 50g x 6 = 300g	PureWick™ 34g x 2 = 68g	232g
Wash bowl 80g x 6 = 480g	Suction Liner 106g x 2 = 212g	268g
Wipes x 1 pack = 312g	Suction tubing x 120g = 120g	192g
Total weight = 1092g	Total weight = 400g	692g

For a 500 bed hospital, based on a patient using the product for an average of 3 days, this would result in a reduction of approx. **19,890 kg** of clinical waste per year.<sup>3,4</sup>

### References

1. Sustainable Development Unit (2017)
2. Based on product weights and daily utilisation from an NHS Trust
3. The calculation takes into account the percentage of patients that are incontinent and the percentage of those patients that use body worn pads. Condon M, Mannion E, Molloy DW, O'caoimh R. Urinary and Faecal Incontinence: Point Prevalence and Predictors in a University Hospital. Int J Environ Res Public Health. 2019;16(2)- Based on primary research interviews with 16 HCPs (data collected specifically for the nursing home setting)
4. The calculation is also based on the average number of patients in a 500 bed hospital from the Hospital Episodes Statistics (HES) data

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