

Waste Management System

Neptune 3 GREEN Study

A study carried out in the United Kingdom and Spain **to compare the waste disposal impact** of Neptune 3 and canister devices in different areas:

- Environmental impact
- Staff Safety
- User Satisfaction
- Efficiency

Environmental Impact



Neptune has shown **a reduction of 87.5 % (16) disposables** used to manage surgical fluid waste.*



Neptune has shown a **98.5 % (13 kg) reduction** in weight of treated waste.*

Staff Safety



81.4% of operating surgeons (n=43) were **very satisfied or satisfied** with the **protection against hazards** (spills, slips) when using Neptune.*



Neptune has shown a **95.8 % (34 kg) reduction** in weight of surgical **fluid waste handled** by HCPs.*



Efficiency



83.3 %

Neptune has shown that **83.3% fewer staff** are needed **intraoperatively** to manage fluid suction.*



33.3 %

Neptune has shown that **33.3% fewer staff** are needed **preoperatively** to manage fluid suction.*



19.4

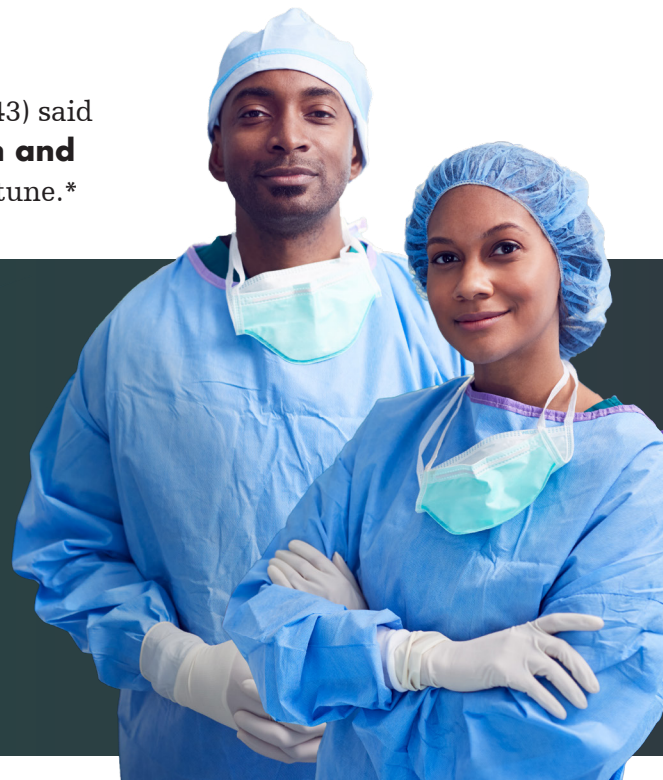
Neptune has shown **19.4 minutes saved** disposing of surgical fluid waste.*

User Satisfaction

More than **88.4 %** of operating surgeons (n=43) said they were **very satisfied or satisfied** with the **suction and general performance** during surgery when using Neptune.*

97.7 % OR nurses (n = 43) were **very satisfied or satisfied** with the **set up; emptying/ disposing** of the waste; **use of the IV pole; general performance** and **time efficiency** of Neptune.*

97.7 % of OR nurses (n = 43) also said Neptune was **very easy or easy to use during surgery**, including **managing fluid suction**.*



* Compared to canisters per procedure.

Data from a Service Evaluation on 84 surgeries (Neptune: 43; Canisters: 41) carried out in Spain (two hospitals) and the United Kingdom (one hospital) which looked at Environmental Burden, Cost, Theatre Efficiency and Staff Safety when Comparing Two Fluid Waste Management Systems: Neptune vs. Canister. Data on file.

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