

# DIY Modifications to Increase Productivity in Bed Discharge Cleaning

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## 1. Introduction

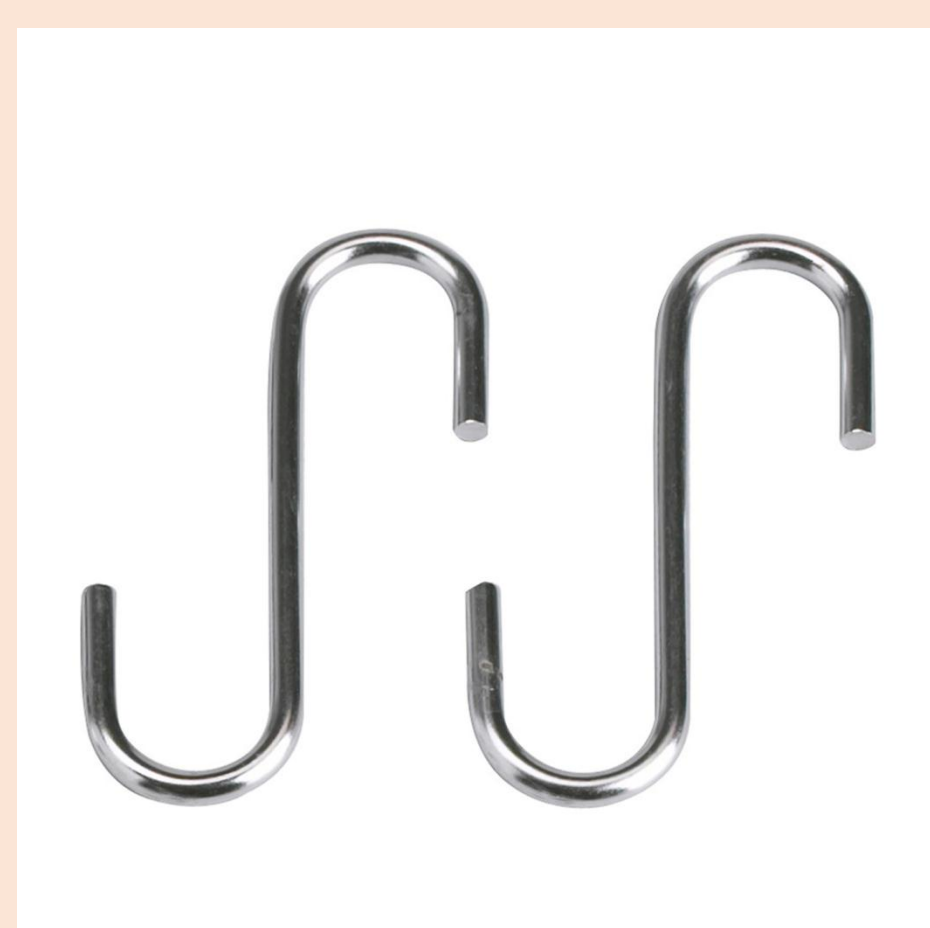
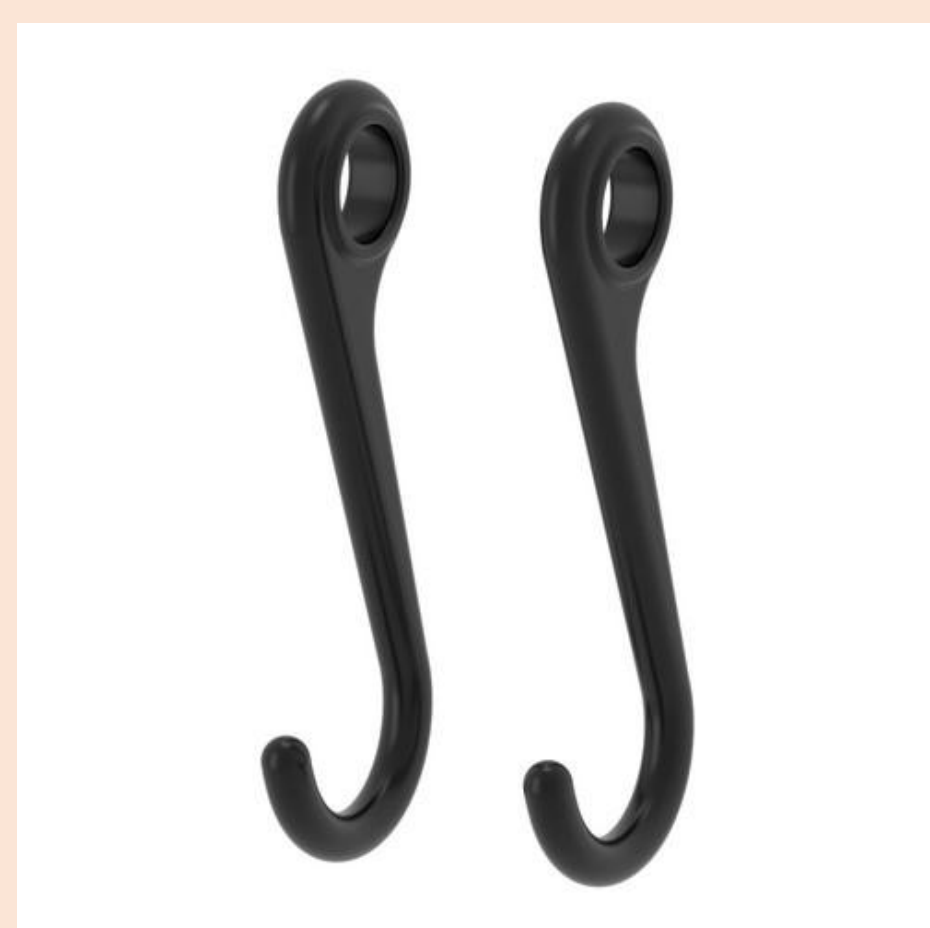
We found that housekeepers had to make **multiple trips** to and fro their store during **bed discharge cleaning**.

This was because the trolley could not accommodate **larger** pieces of equipment such as the **flat mop** and the **high-dusting pole**.

Besides affecting **bed turnaround time**, additional trips also add to the **fatigue** of the housekeepers throughout the day.

## 2. Methodology

With the simple addition of **stainless steel hooks**, the trolley could hold the two poles and an **additional bucket** of disinfectant.



In all, 14 trollies were outfitted with the hooks. The **time taken** for discharge cleaning was recorded before and after the modification to ascertain if **productivity** and **bed turnaround time** had been **positively affected**.

## 3. Results

Ward	Turnaround (minutes)		Time Savings
	Before	After	
B105	0:43	0:22	48.8%
B106	0:40	0:27	32.5%
B106	0:41	0:22	46.3%
B95	0:32	0:20	37.5%
B96	0:34	0:23	32.4%
B96	0:27	0:24	11.1%
B85	0:20	0:24	-20%
B85	0:20	0:24	-20%
B86	0:26	0:12	53.9%
<b>Average Reduction</b>			<b>23.5%</b>

Reduced fatigue of housekeepers

Increased compliance to cleaning procedure

Improved image of housekeepers

The additional bucket enables the **segregation of cloths** used for **bed** (yellow) and **surroundings** (blue) at all times

## 4. Conclusion

Total Cost  
**\$105.60**

Average Increase in Productivity  
**23.5%**

1. Reduced fatigue
2. Increased compliance
3. Improved image
4. Segregation of cloths used for bed and surroundings