# **CLEEN** STUDY



STUDY WEBSITE cleenstudy.com



**MAIN PAPER** 



# Does improved cleaning and disinfection of shared equipment reduce healthcare associated infections?

Summary of the study, key results and implications

### The problem



Pathogens can be transferred through the environment, including shared equipment, to patients in hospital



Cleaning of shared equipment is often **not done** in hospitals



The importance of clean shared equipment has **not been** quantified in an RCT

## What we did





A world first randomised control trial in one Australian hospital

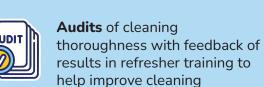
Three hours of extra

dedicated cleaning for shared equipment, supported with training

**Ouantified** healthcare associated infections over 36 weeks using a point prevalence survey

> Cleaning involved the use of a 2 in 1 detergent disinfectant wipe







#### What we found



5002 in-patient participants were included in the study

The intervention was associated with a reduction of

-34.5%

in healthcare associated infections





**Findings** emphasise the need for dedicated approaches for cleaning shared equipment.



## **Implications**



Improving the cleaning and disinfection of shared equipment significantly reduces healthcare associated infections

