

# 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

Quantified

**14**  
**healthcare associated infections** over 36 weeks using a point prevalence survey



**Three hours** of extra dedicated cleaning for shared equipment, supported with training

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



**Audits** of cleaning thoroughness with feedback of results in refresher training to help improve cleaning



### 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

