

PHA Beddings:

BLESSTAR® EVER ECOLAR®

Samples: bed sheet and pillowcases, and quilt cover.

Patient ward: Neurosurgery department and Rehabilitation department

No. of Subjects: 50 patients (each group)

Use Period: 7 days

Methodology and results:

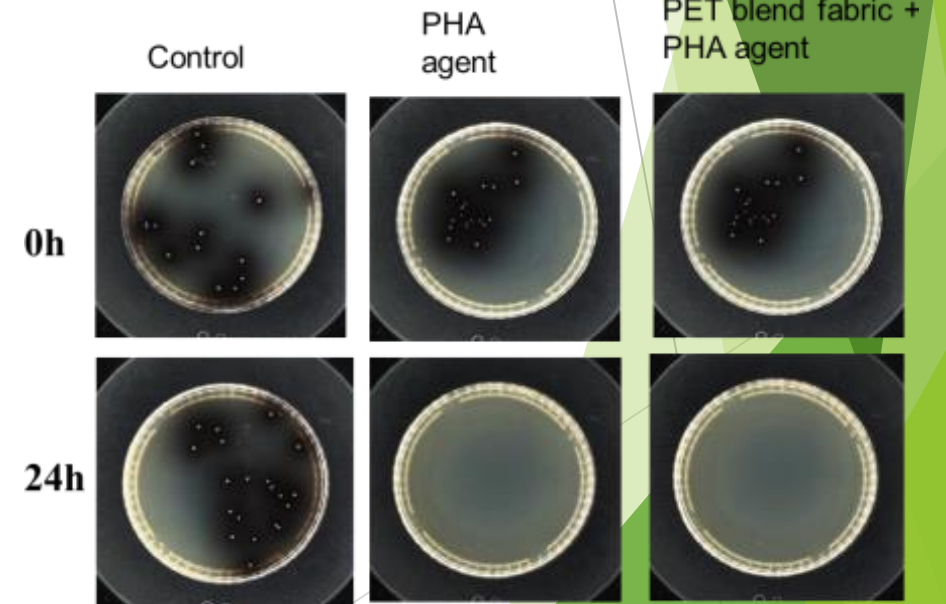
- Microbiological samples were collected for both groups from 100 cm² areas of quilt cover, bed sheets, and pillowcases. Swab samples were sent to the hospital's microbiology lab within 30 minutes and tested for the numbers of bacteria (CFU/cm²).
- Total viable bacteria counts of antimicrobial textiles can reach or even fall below the “hygienically clean” standard of 20 CFU/100 cm² set by the US healthcare textile certification requirement.

- ◆ Beddings still maintain excellent antimicrobial properties after washing 50 times according to the standard of China: FZ/T 73023-2006.



Enterococcus faecalis (EFA) 粪肠球菌 (max in hospital existed)

Standard: GB15979-2002 standard



>99.99%

>99.9%