

## The evidence - High-dependency care home

Measurements were taken on consecutive days (one per day) in a private room within a care home. The patient was incontinent and consequently there was an odour issue, which had progressively intensified. Despite routine cleansing, high levels of bacteria had built up in the room as shown by the control data for the curtain and frame measurements. The room was initially deep cleaned with an ozone generator and then the AD unit was installed. The measurements on days one, two and three following the deep clean show the ability to maintain the reduction in total viable colonies (TVCs).

Five recordings were made for each measurement: TVC per cubic metre, yeasts, moulds, Staph. aureus MRSA. The control measurements were taken prior to the AD being installed in the room. Subsequent measurements were taken in the room in which a single AD unit was running continuously. The patient continued to live in the room during the measurements and no special conditions were introduced.

The odour was eliminated during the first day after introduction of the AD unit.

