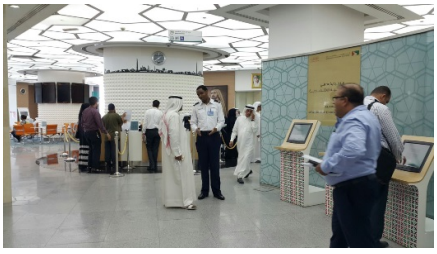
VIDASHIELD UV24

ENVIRONMENTAL STUDY RESULTS

DEPARTMENT OF ECONOMIC DEVELOPMENT, DUBAI – SEPTEMBER 1, 2015



Evaluation Area

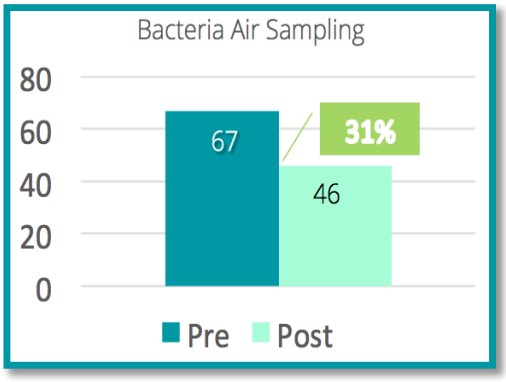
- First Aid room (triage/treatment) in DED

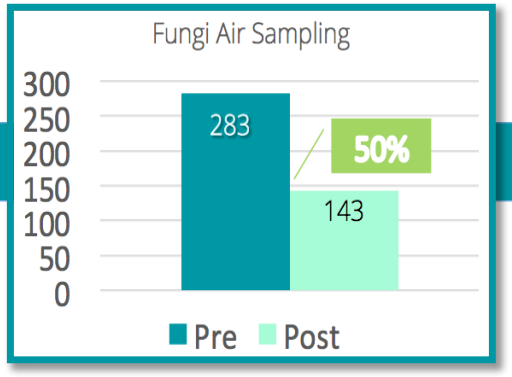
Study Criteria

- Determine placement and number of units (1 VS01 unit per 7 sq. meters or 75 sq. ft.)
- The airflow is positive to the negative corridor and the room door is kept closed.
- It is connected to the centralized duct for air conditioning and supply which was kept on for the duration of the test.
- Sampling was conducted 4 hours after powering on the VidaShield unit
- Take pre- and post-installation air and surface samples for total bacteria & fungi counts
- Independent lab analyzed the samples

Results of VidaShield Testing

- Reduction of airborne bacteria levels: **31%**
- Reduction of airborne fungi levels: **50%**
- Additional testing is being conducted in male and female prayer rooms





CONCLUSIONS:

Sampling was conducted just 4 hours after powering on the unit. The level of contamination was reduced 31% for bacteria and 50% for fungi in that short span of time. Ideally, post-sampling would occur 2 weeks after the VidaShield system has been installed.

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