



Sultan Ismail Hospital

Pandan, Johor - Malaysia

On September 25, 2004 the brand new Sultan Ismail Hospital was ordered to close their doors by the Ministry of Health after being hit by a major fungal infection. This microbial contamination went throughout this one million square foot, ten story, 704 bed hospital. Due to the exposure of deadly fungal specimens, such as *Aspergillus* and *Penicillium*, occupants reported having severe side effects. After over five years of planning and construction, this hospital was no where near the premiere healthcare facility it was planned to be.

In March 2005, clean-up and protective treatments of the AEGIS Microbe Shield technology were necessary in all areas of the hospital, including above ceiling spaces, elevator shafts, utility chases, and occupied spaces.

After four months, the treatments were successfully completed. All air sampling and surface swab tests completed thus far by an independent laboratory and the Ministry of Health confirm that the decontamination work was a success and there have been no additional fungal contaminations.

Outcomes:

- Treatment successfully completed in four months.
- Fungal levels brought below any standards.
- Hospital declared safe for reoccupation in February 2006.

Epilogue:

- 400+ sites within the hospital will be continuously monitored for the next 3 years.

