



Short profile

Argaman Technologies Ltd.

CHARITÉ/BIH-PARTNER WANTED!
 More information [here](#)

Medical field	Environment/ Hospital / Infectiology
Product (name and type)	Feelament/CottonX (medical device, textile)
Growth stage	Transition to Scale
Founders	Jeff Gabbay (President & Business Development manager)

Description of product:

Self-sterilizing textiles that have demonstrated reduction of hospital acquired infections in tests in Israel and USA. Argaman's technology uses Copper-Oxide for Skin-Care and anti-microbial protection. The initial site of action of copper oxide is thought to be at the plasma membrane. It has been shown that exposure of fungi and yeast to elevated copper concentrations can lead to a rapid decline in membrane integrity. Controlled damage to bacterial DNA molecules in the form of single- and double-strand breaks may be caused by copper ions as well, promoting cell death.

Project goal:

Clinic: Stronger proof of reduction of both morbidity and mortality caused by HAIs. Professional and high standards of hygiene routines—such as personal protection, cleanliness, textile treatment, sterility and disinfection—will increase safety for patients, visitors, staff and work environment. Daily infection surveillance and detection will contribute to reducing the spread of infection, as infection control becomes a natural culture of hospital patients and staff. Using the CottonX™ technology, Argaman is inspired to demonstrate its capacity to reduce HAI in hospitals, for the benefit of the society

Company: Re-validation of test procedure, quantitative results & optimization of Argaman's technologies

Project type:

Clinical trial, apply the research results, explorative data analysis
 Estimated Time for Validation: 3-4 months
 Estimated Project Duration: 6 months



Eligible by the IIA



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