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ABSTRACT

CleanEcare

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CleanEcare is a new idea that uses electricity to clean and sterilize medical clothes to create a hygienic medical atmosphere and to reduce dangerous illnesses. We started research on September 2018 by conducting experiments in the fields of microbiology and engineering. The reasoning behind our research is based on the principles of microbiology, especially the effect of electricity on bacteria and its mechanism of killing microorganisms. We have conducted many experiments on bacteria by measuring the amount present on the cloth before and after the use of electricity. We have a lot of results that are both logical and illogical so we will continue our testing in order to obtain more accurate results.