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Researchers invents rapid Skin-Cancer detection AI device

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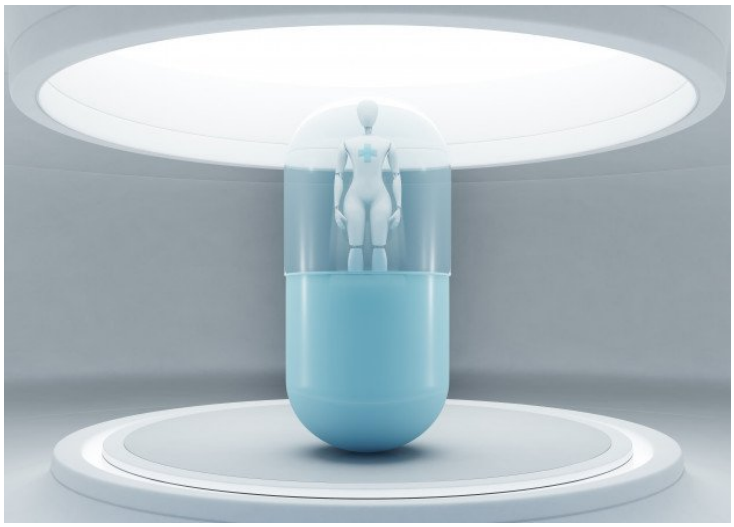
Dermavision Solutions has created a booth using artificial intelligence (AI) that is capable of detecting skin lesions suspected of being melanoma in under 5 minutes



Singapore's Catalonia's Trade and Investment (CTI) Office announced on 16 Sep 2020 that Spain's "Dermavision Solutions" has created a booth using artificial intelligence (AI) that is capable of detecting skin lesions suspected of being melanoma in under 5 minutes. This pioneer project includes a booth big enough to fit one person that identifies skin lesions that are potentially carcinogenic without the need of human intervention, through AI algorithm. The device then prepares a report automatically with all the data collected and sends it to a dermatologist to get a quicker diagnostic.

Dermavision Solutions has already created a functioning prototype, for which it has received funding support from Catalonia's economic promotion agency, Catalonia Trade and Investment. In total, they have received €75,000 to finance the activities stemming out of their business plan, such as covering employee costs, investing in materials and equipment, renting physical spaces or carrying out communication and commercialization strategies.

Dermavision Solutions intends to introduce their prototype in hospitals soon. "This device will not replace dermatologists, but instead will provide them with AI tools to make a diagnosis faster without the need to collect data manually," said the CEO, Mr. Narcis Ricart; he also emphasized that melanomas are one of the few cancers that can be observed directly, but only with periodic assessment of skin lesions to assess every suspicious development. For countries that have very hot climates all year round, like Singapore, India, South East Asia, Dermavision Solutions's technology is a perfect way of addressing rising concerns about the sun's effects on the skin.