



An interactive system performing oral cavity cancer and precancer screening with deep learning

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Experience:

Chief director, Department of Medical Imaging, National Taiwan University Hospital.
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Market Needs:

Oral health field, lesion screening. To simplify and increase access to screening for oral precancerous lesions

Our Technology:

This patent describes an interactive oral photography system that combines image capture components or picture input components and software components to achieve comprehensive monitoring and assessment of oral health status. When users operate this system, they receive guidance from the software components, including guidance lines and guidance generated by graphic recognition algorithms. These guides assist users in capturing complete or partial images of the oral mucosa, which are then digitized and stored in the system in picture form.

Strength:

Products and papers with no relevant concepts currently have great potential demand.

Competing Products:

None.

Intellectual Properties:

This research team, in conjunction with manufacturers and the Department of Biotechnology of National Taiwan University, has developed this application on an interactive platform and is currently verifying its use.

Contact (do not need to fill out):

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