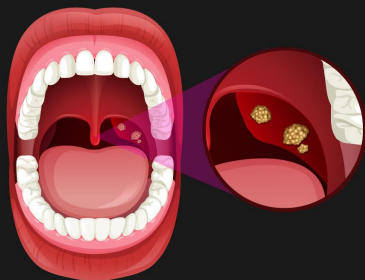


Transforming Oral Cancer Detection with AI-Powered Precision

AI SOLUTION FOR EARLY ORAL CANCER DETECTION

DenTech is an innovative HBKU technology that presents a promising solution for addressing the critical challenge of early oral cancer detection. DenTech utilizes a robust dataset comprised of authentic images collected from dental clinics globally, ensuring the model learns from real-world scenarios and delivers highly relevant results. Furthermore, the web version of DenTech enables broader reach and adoption by potential stakeholders and healthcare professionals.



ABOUT THE TECHNOLOGY

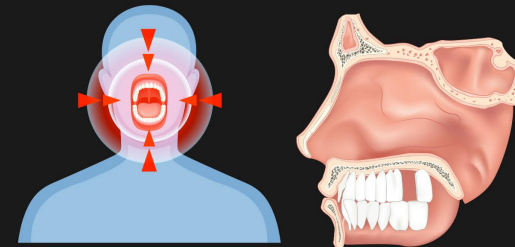
HBKU Researchers have successfully developed an Oral Cancer Platform, DenTech, which presents a promising solution for addressing the critical challenge of early oral cancer detection, offering a compelling value proposition for both healthcare professionals and patients.

Nowadays, diagnosis of oral cancer mostly rely on health worker experience without a systemic approach to early detect lesion types.

DenTech app is a groundbreaking oral cancer detection platform that addresses the critical challenge of early diagnosis by utilizing advanced machine learning models to accurately classify and segment lesions

APPLICATIONS

- Early Identification of Lesions.
- Timely healthcare intervention at Hospitals and Dental Clinics
- Reduction of organizational healthcare costs



VALUE PROPOSITIONS

DenTech, powered by advanced machine learning algorithms, provides a user-friendly, efficient, and accurate solution for oral cancer detection.

The unique value proposition lies in empowering healthcare professionals with a powerful tool for identification of potential lesions with improved accuracy and data accessibility.

This not only enables timely intervention, but also boosts diagnostic confidence by providing a user-friendly platform.



PATENT STATUS

Patent application has been for US provisional application.



LICENSING OPPORTUNITIES

Hamad Bin Khalifa University is offering this technology for license. For more information, please contact: innovation@hbku.edu.qa