

Oral Optix!

Oops! Is Your X-ray Non-Diagnostic ?
Let OralOptix Check It for You!



OralOptix



What is OralOptix?

OralOptix is an AI-based system developed to automatically evaluate the quality of bitewing dental radiographs. The system uses deep learning to classify images as either diagnostic or non-diagnostic, and if an image is non-diagnostic, it identifies the error type.

By offering real-time feedback, OralOptix aims to reduce the need for repeated imaging, limit radiation exposure for patients, and improve the efficiency of dental workflows. It also serves as a valuable educational tool to help dental students and trainees enhance their understanding of proper radiographic techniques and image quality standards.



What We Aim to Achieve

- Build a dataset of bitewing dental X-rays
- Develop an AI model to assess image quality
- Classify errors in non-diagnostic images
- Display clear, informative results
- Provide a user-friendly interface for dentists and students

