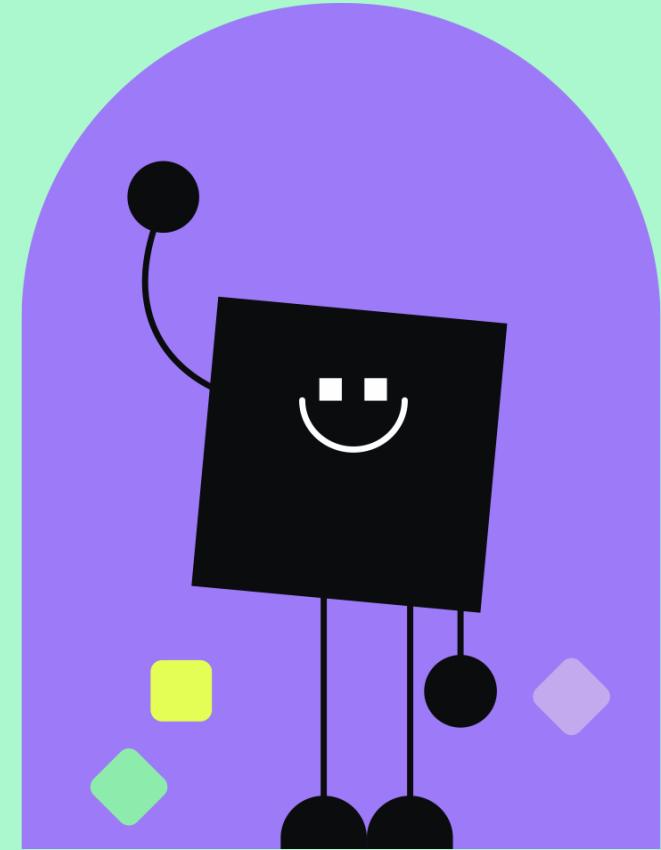


Bridging the Gap

How **AI** Connects Dental Clinics with Students

AI:Dental



Brief Intro

Peter Jurkáček

CTO at AI:Dental

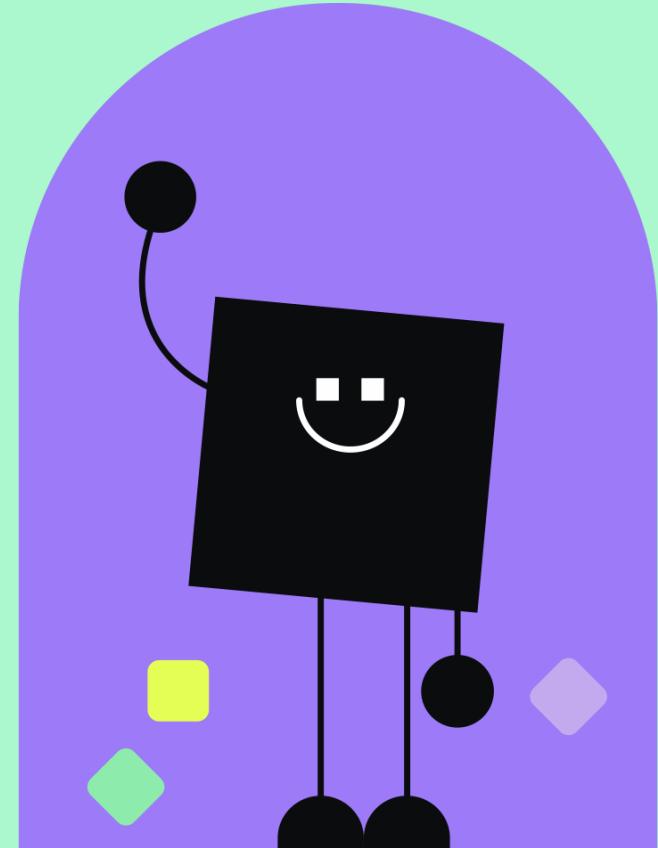


peter.jurkacek@aidental.ai

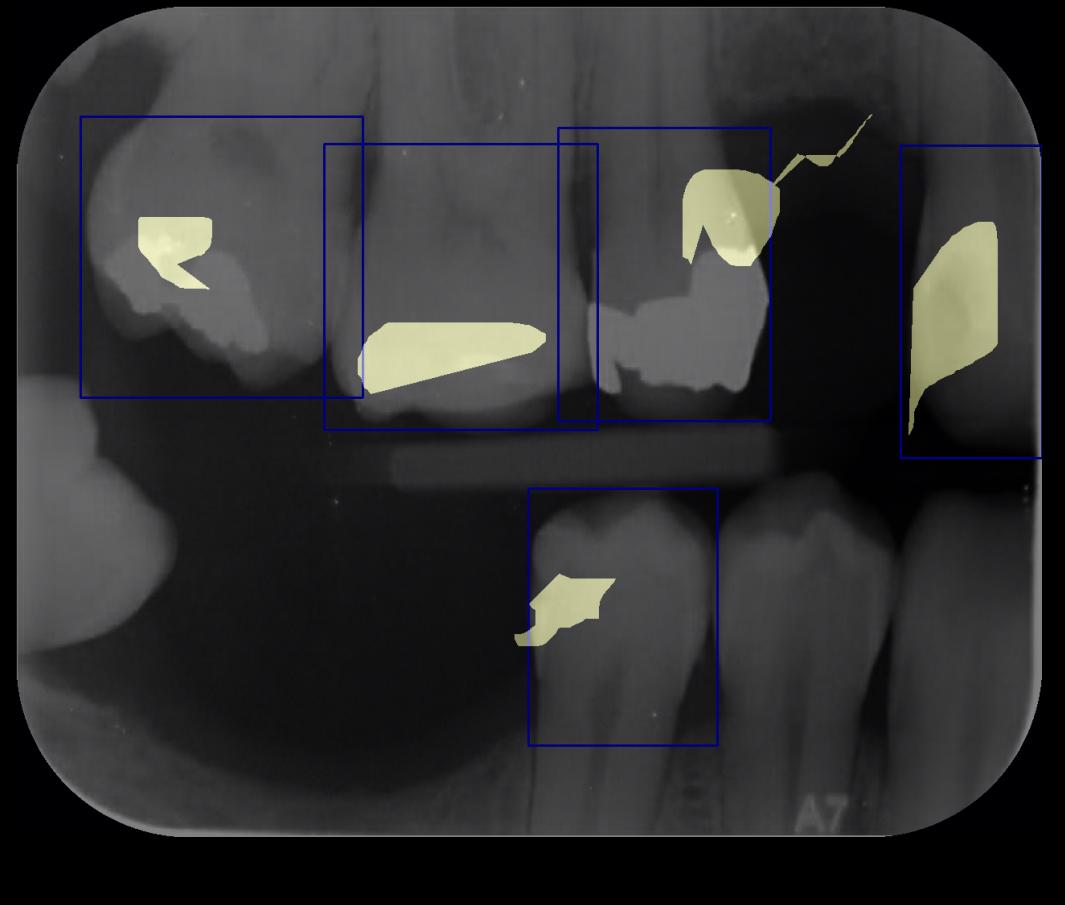


Bridging **the Gap**

How AI Connects Dental Clinics with Students



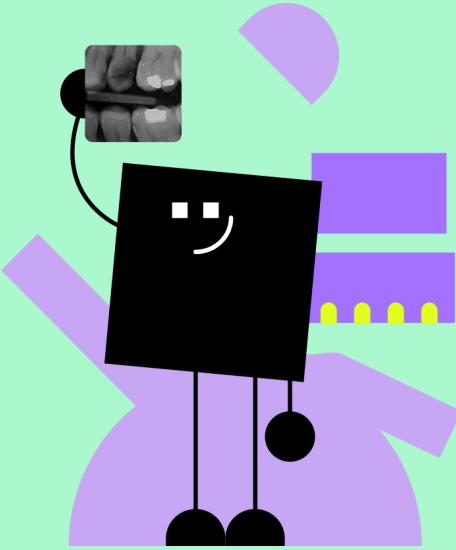
X-Rays interpretation¹



The Gap :/

Dental students' accuracy in X-Ray interpretation ranges from 48% - 65%

1. 2022 Evaluation of radiographic interpretation skills of undergraduate dental students studying in a dental college of Punjab, India – A comparative study

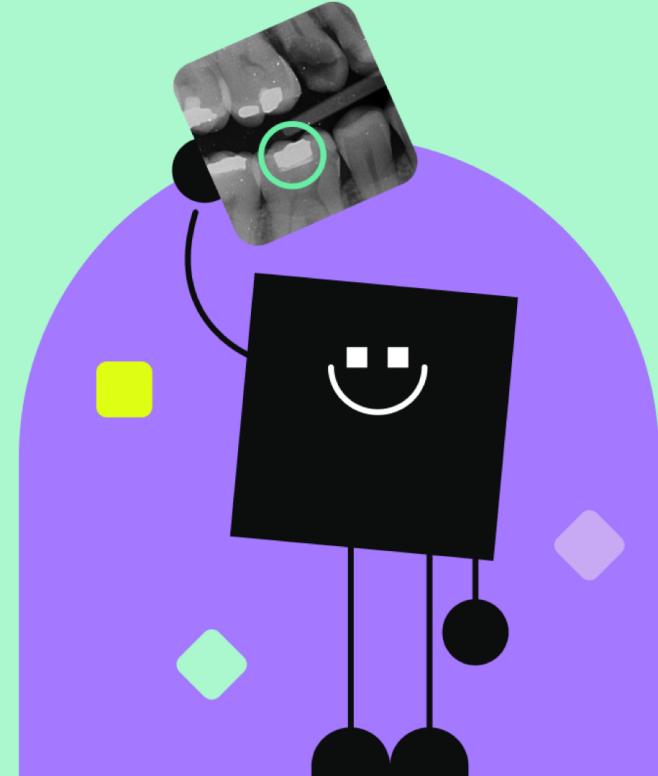


Why is the Gap there?²

- Limited or no access to relevant X-Rays
- Challenges in obtaining real-time supervision feedback

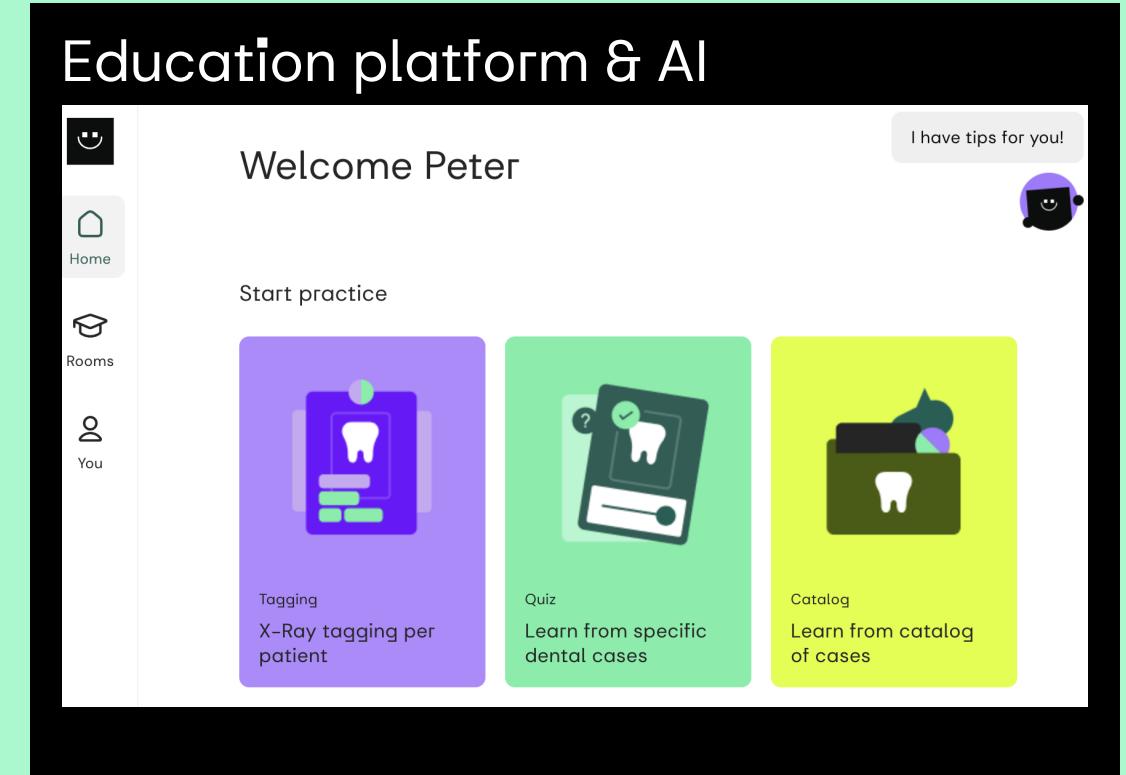
Bridging the Gap

How AI Connects Dental Clinics with Students



Bridging the Gap

AI:Dental Education
platform & AI



Bridging the Gap

AI:Dental Education
platform & AI

- :A Convert X-Rays to educational content
- :B Real-time supervised learning
- :C Search for relevant X-Rays

:A

Convert X-Rays to educational content

Digital Medical Record



Questions & Answers

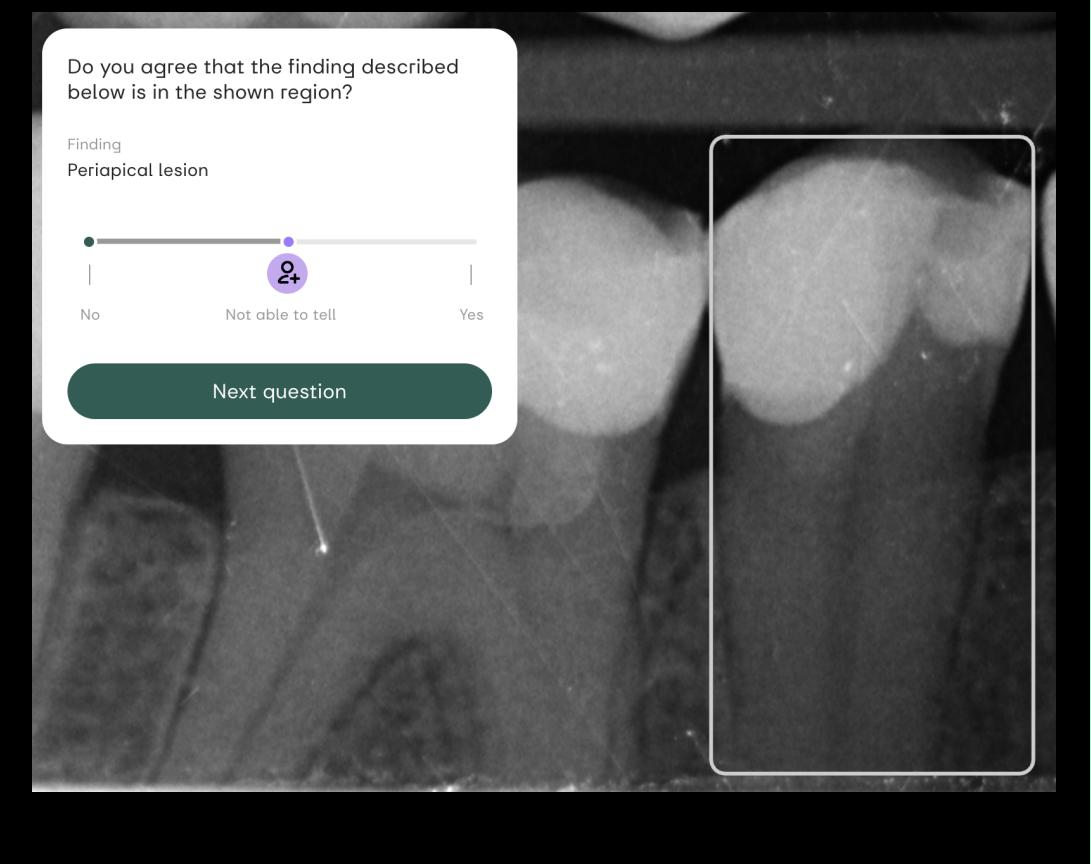
Do you agree that the finding described below is in the shown region?

Finding
Periapical lesion

No Not able to tell Yes

2+

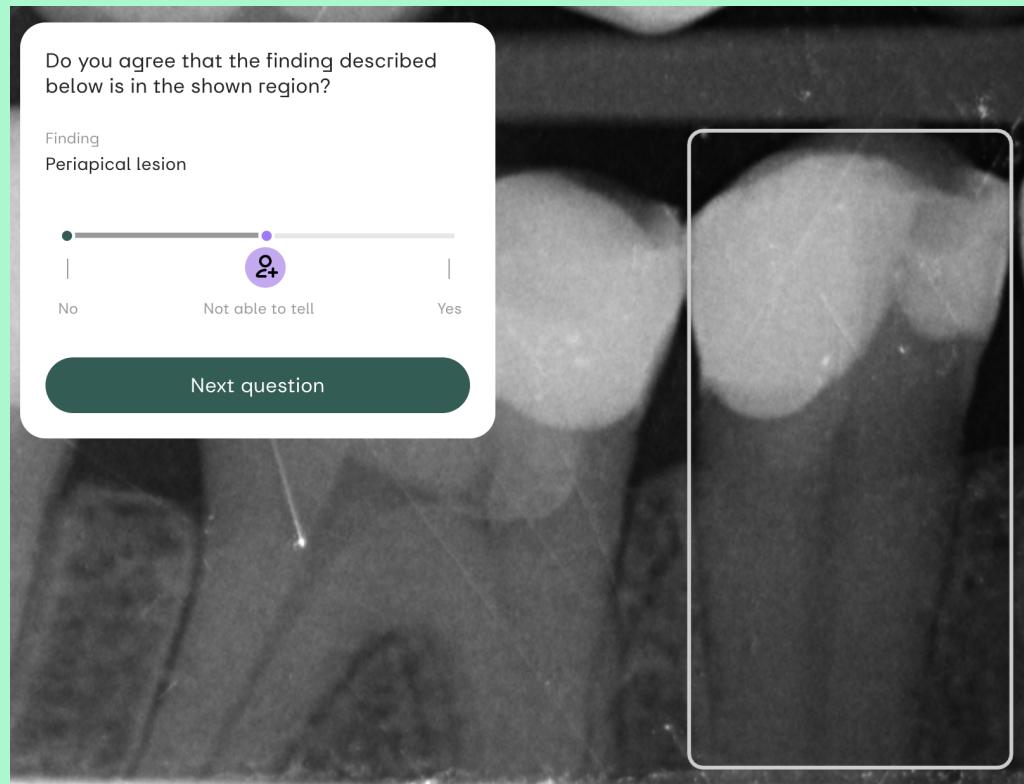
Next question



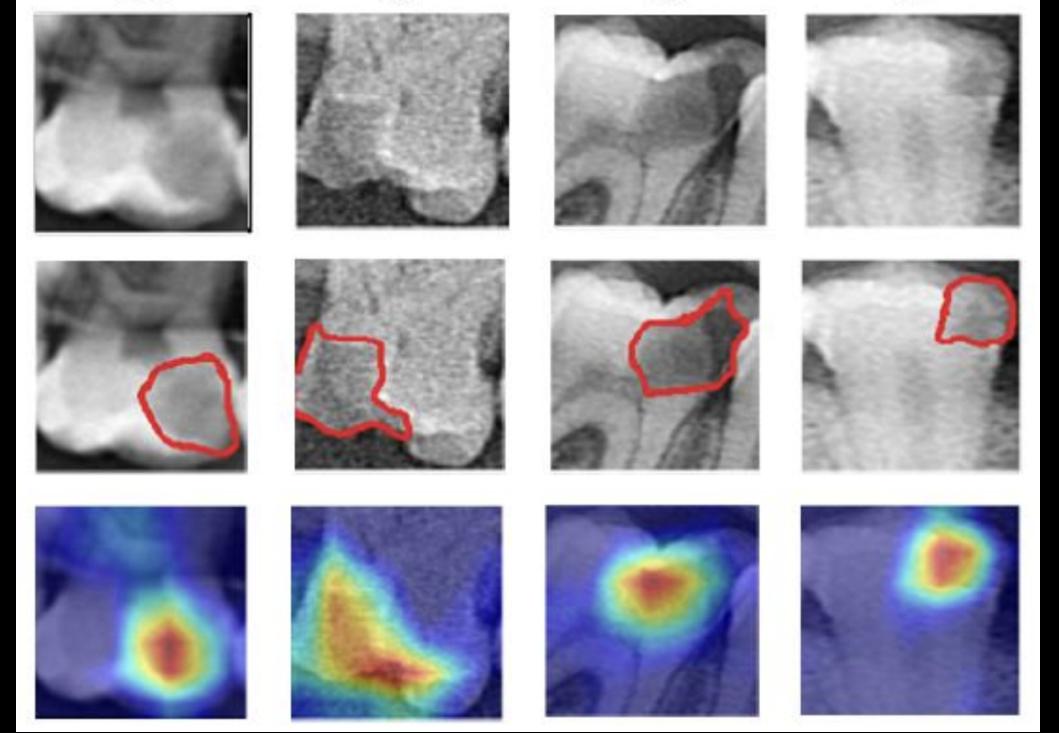
:B

Real-time supervised learning

Questions & Answers



Solution explanation³





Search for relevant X-Rays

Catalog of cases

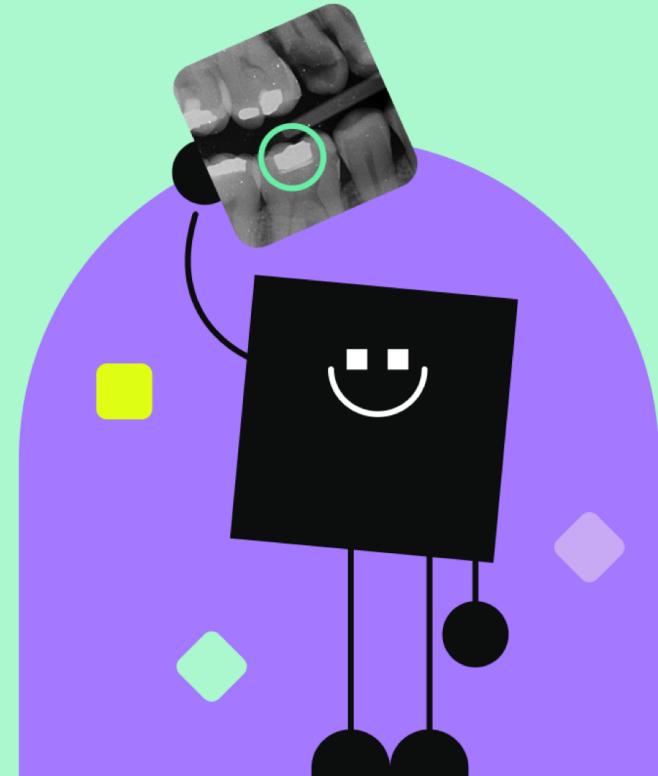


Relevant X-Ray⁴



Better dental care :)

- AI-assisted diagnostics
- Performance evaluation
- Saved time & money with
- Patient treatment outcomes



Let's collaborate



- Universities
- Dental clinics
- Hospitals
- Case Studies
- AI companies

