Pearl & DEXIS

Second Opinion

Color-coded x-ray clarity for practitioners and patients

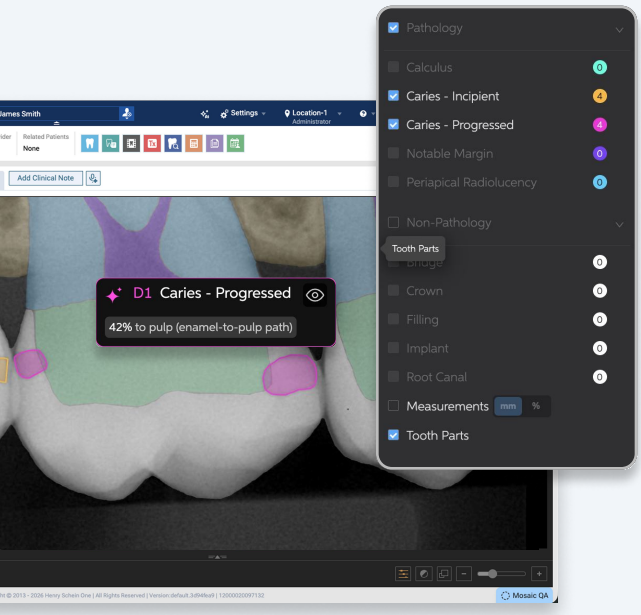
What looks clear to trained eyes can look cloudy to a patient.

65%

of patients don't understand what their dentist is pointing out on their x-rays.

Pearl gives every clinican a supportive second set of eyes. It analyzes radiographs in seconds, detecting caries and other pathologies—including early and interproximal lesions that are easy to miss.

Our colorful detections and Tooth Parts overlays highlight disease and anatomy in bright colors, so patients can better see and understand your diagnosis.



Diagnose With Confidence

AI never gets tired, rushed, or distracted, helping reduce oversight and elevate clinical confidence at every exam.

- Early and progressed caries, notable margins, periapical radiolucencies and restorations are color-coded for easy interpretation
- Pearl provides critical diagnostic metrics including caries depth classification, bone decay in mm and %, and affected tooth percentages



Communicate Clearly

Color-coded overlays transform ambiguous shades of gray into intuitive visuals patients understand immediately. When patients can see the issue, case presentation becomes simpler, faster, and more persuasive.

> *"With Pearl, my patients leave confident, not confused. We're all working from the same page, and that's the foundation of trust and quality care"*
>
> Dr. Kunal Rai, Meloria Dental

Deliver More Care

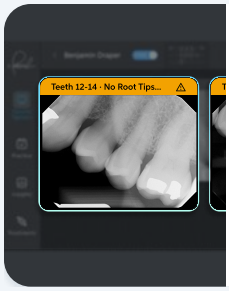
Clearer visuals and earlier detection lead to stronger case acceptance.

37%
more disease identified

30%
more treatment accepted

7.7M
million cases accepted

Key features



Imagecheck™

Automatic quality control flags issues like underexposure, cone cuts, and positioning errors.

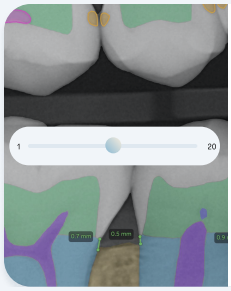
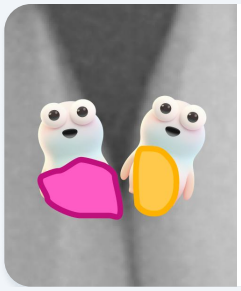


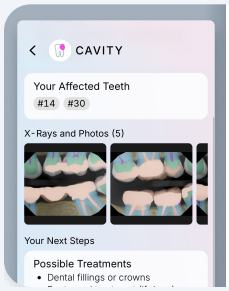
Image enhancement

Fine-tune x-ray image quality with intuitive contrast, brightness, and gamma controls.



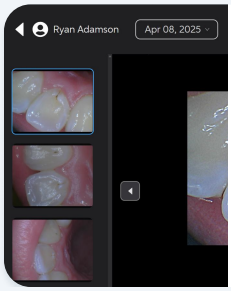
Sugar Bugs

Detect and highlight pediatric caries with kid-friendly Sugar Bugs overlays.



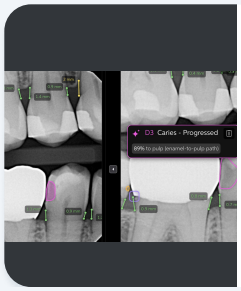
Patient reports

Present x-rays and findings in an easy-to-read report that can be printed or digitally shared.



Intra- and extra-oral photos

Brings clinical photos into Second Opinion for unified viewing and annotation.



Comparison mode

Side-by-side image comparison to show changes over time or before/after treatment.

Want to learn more? Book a demo at https://hellopearl.com/partner/dexis

Book a demo

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