SOJAI Launches the First All-in-One AI Platform for Dental Diagnostics

99.8% accuracy across 130+ pathologies. Full CBCT analysis in under 60 seconds.
FDA-cleared. HIPAA & GDPR compliant. Trusted by 10,000+ practitioners.

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Accuracy

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Pathologies

<60s
Analysis Time

10,000+
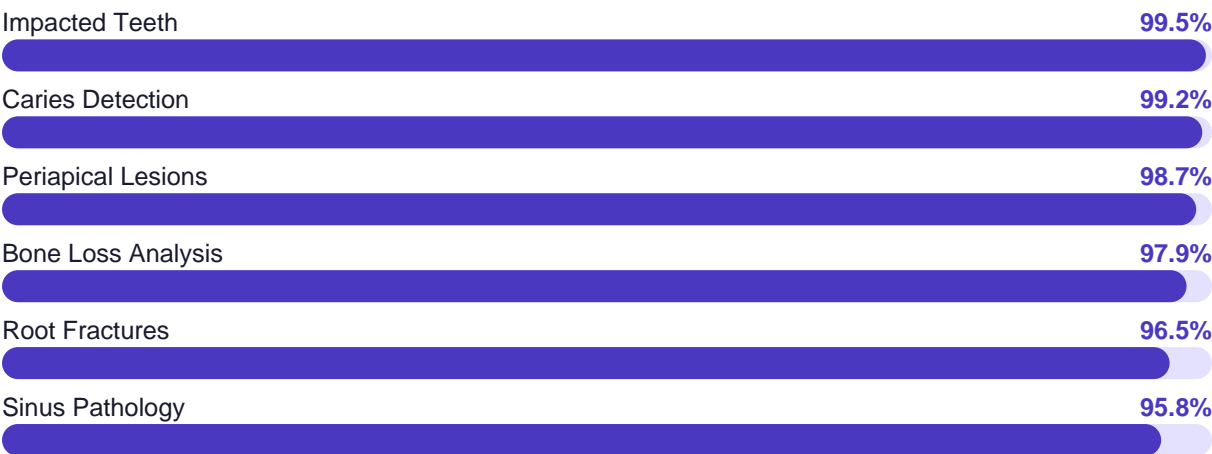Practitioners

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The First All-in-One AI Platform for Dental Diagnostics

SOJAI, an AI-powered SaaS platform, now enables dental professionals to automatically analyze CBCT scans and 2D radiographs in under 60 seconds, with 99.8% accuracy across 130+ pathologies. The technology is FDA 510(k) cleared, HIPAA and GDPR compliant, and already used by over 10,000 practitioners worldwide.

The platform covers the entire diagnostic workflow — from scan upload to a professional PDF report ready to hand to the patient. Compatible with all 18 major CBCT manufacturers, SOJAI integrates seamlessly into existing practice infrastructure without requiring any equipment change.

- ✓ FDA 510(k) cleared for periapical pathology detection
- ✓ Neural networks trained on millions of annotated dental images
- ✓ Compatible with Dentsply Sirona, Planmeca, Vatech, Carestream & 13 more
- ✓ DICOM, panoramic, periapical, bitewing — all formats supported
- ✓ Cloud-based, accessible from any device, anywhere

AI DETECTION ACCURACY

Impacted Teeth **99.5%**

Caries Detection **99.2%**

Periapical Lesions **98.7%**

Bone Loss Analysis **97.9%**

Root Fractures **96.5%**

Sinus Pathology **95.8%**

The Dark Ages of Dental Diagnostics

Today, a dentist spends an average of 15 to 20 minutes per CBCT scan manually reviewing each slice, identifying pathologies, annotating images, and writing up findings. Multiply that by 8 to 12 patients a day, and it's hours lost to repetitive tasks — hours that are neither billed nor spent on patient care.

Worse: the human eye, even an expert one, misses things. An early-stage periapical lesion, a subtle root fracture, progressive bone loss — these weak signals go unnoticed when a practitioner is rushing between patients under time pressure.

In multi-location clinics, the problem compounds: no shared diagnostic standard, quality gaps between practitioners, no centralized tool to track consistency.

And on the patient side? A panoramic X-ray displayed on screen without clear visual explanation means a treatment plan declined or postponed. The practitioner knows what they're seeing, but they can't show it convincingly.

15–20 min per scan

Manual analysis, annotation & reporting

Missed pathologies

Fatigue and time pressure lead to diagnostic errors

No standardization

Quality varies across practitioners and locations

Poor patient communication

Patients can't understand raw imaging

Three Steps to Transform Your Practice

01 — Upload Scan

Drag-and-drop any scan — DICOM, panoramic, periapical, bitewing. Compatible with all 18 major CBCT manufacturers (Dentsply Sirona, Planmeca, Vatech, Carestream, KaVo Kerr, and more). No equipment change required. No plugin to install.

02 — AI Analysis in Under 60 Seconds

A neural network trained on millions of annotated dental images analyzes the full 3D volume: automatic tooth-by-tooth segmentation with FDI numbering, caries detection (99.2%), periapical lesions (98.7%), bone loss (97.9%), root fractures (96.5%), impacted teeth (99.5%). 130+ pathologies identified with clinical-grade accuracy.

03 — Review & Report

Review AI findings with interactive overlays and synchronized multiplanar views (axial, sagittal, coronal). Compare scans over time to track progression. One click generates a professional PDF report with your annotations, findings summary, treatment recommendations, practice logo, and digital signature — ready to hand to the patient or send to a colleague.

PLATFORM CAPABILITIES

3D Tooth Segmentation	Multiplanar Reconstruction	Scan Superimposition
Individual tooth isolation, automatic FDI numbering, STL export for 3D printing	Axial, sagittal & coronal views with cross-hair sync and measurement tools	Temporal scan comparison, bone level tracking, automatic alignment
Professional PDF Reports	**Real-Time Collaboration**	**REST API Integration**
Custom branding & templates, multi-language support, digital signature ready	Case sharing, annotation tools, discussion threads, seamless referral workflow	PACS integration, batch processing, DICOM & STL/OBJ support

Trusted by Dental Professionals Worldwide

"The pathology detection has changed my daily practice. Last week, SOJAI flagged a root fracture on a lower first molar that I would have probably diagnosed as irreversible pulpitis. And the PDF reports — my patients finally understand what I'm showing them. Treatment plan acceptance rates have gone up significantly since we started using the platform."

Dr. Sarah Chen

Oral Surgeon — Boston, MA

"Integration with our Planmeca CBCT took literally five minutes. But what really sold me is the 3D segmentation: being able to isolate a tooth, trace the root canal in 3D, and export to STL for planning an endo retreatment — that's a massive time saver. We've cut our pre-operative planning time in half."

Dr. Emma Larsson

Endodontist — Stockholm, Sweden

Ready to Transform Your Practice?

Join 10,000+ dental professionals using AI-powered diagnostics.

Free 14-day trial • No credit card required • HIPAA compliant

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