

Cusp Collective brings Women in Dentistry together for a day of impact and connection in Melbourne



On a crisp day at Greenfields venue in the inner southern suburb of Albert Park, in Melbourne, a room of 40 women came together for an intimate, high-calibre day dedicated to empowering women in dentistry. The event was hosted by Dr Tiffany Chen, founder of The Cusp Collective.

Attendees travelled from across Australia, rearranging prior commitments to be there. Six brilliant speakers took the stage covering diverse topics from self-development to finances, to the latest in laser dentistry and AI. Each session was designed to make a thriving dental career both possible and sustainable.

From the very start, the room was alive with intention as Dr Chen set the tone with a heartfelt and vulnerable welcome address. What unfolded was a day of candour and connection with presentations and discussions going beyond surface-level networking. There was laughter, shared challenges, and actionable insights you could take back to work on Monday.

The energy was electric in a room where everyone was engaged and committed to growth. For those lucky enough to be there, it was clear that every detail of this carefully curated experience respected the most precious resource attendees had given their time. This was a space where expertise met generosity, where frank conversations led to solutions, and where women showed up for each other.

If you missed it, you'll want to mark your calendar now. Next year's event is on May 16 & 17 in stunning Kingscliff, NSW, just 20 minutes from Gold Coast Airport. See you there! ♦

www.thecuspcollective.com.au

Introducing: Eyes of AI™



Eyes of AI™ is an Australian MedTech company redefining how dentists detect and manage disease. Established in 2020 by brothers Dr. Sen Le, a practising dentist, and Khoa Le, a data scientist and AI professional, the company was born out of a shared frustration with the slow, manual, and error-prone process of analysing dental radiographs. Their vision was simple yet powerful: to create clinician-enhanced AI tools that make diagnostics faster, clearer, and more consistent without replacing the critical role of the dentist.

Since its founding, Eyes of AI™ has grown into a recognised leader in dental AI, developing a suite of products that cover both 2D and 3D imaging:

- ◆ **EAI Detect** – AI-powered pathology detection on orthopantomograms (OPGs), bitewing and periapical radiographs.
- ◆ **EAI Segment** – advanced Cone-beam computed tomography (CBCT) segmentation integrated into original equipment manufacturer (OEM).
- ◆ **EAI Trace** – automated cephalometric analysis for orthodontic workflows.

These tools are designed to support, not substitute, clinical judgement, providing objective, explainable outputs that improve quality, reduce variation, and strengthen patient understanding.

The company's impact extends beyond technology. Eyes of AI™ has established strategic partnerships with global imaging manufacturers such as Vatech and W&H, and collaborates with leading research organisations including the Commonwealth Scientific and Industrial Research Organisation (CSIRO) Data61 and the University of Sydney. Its work has been recognised through initiatives supported by the government, most recently the Cooperative Research Centres Projects (CRC-P) Round 17 grant valued at \$6.7 million.



Eyes of AI's mission is grounded in responsibility: creating the world's safest and most clinically effective clinician-enhanced AI solutions. Every system is built with patient trust, clinician support, and global scalability in mind. As AI adoption accelerates worldwide, Eyes of AI™ continues to show how technology can close diagnostic gaps, reduce inequities, and raise standards of care, helping to establish Australia as a global leader in dental AI. ♦



EYES OF AI™

Background on Khoa Le

Khoa Le is the Founder and CEO of Eyes of AI™, an Australian MedTech company transforming healthcare through artificial intelligence. He holds degrees in actuarial studies and finance from the Australian National University and blends analytical rigour with commercial leadership to build safe, clinically effective, and globally scalable products.

Before establishing Eyes of AI™ in 2020, Khoa gained extensive commercial experience working with leading consultancy firms such as Deloitte and Access Economics, where he advised on complex financial, economic, and strategic health related projects.

Interview:

Khoa Le on changing the future of gum disease detection with AI

Sydney-based medtech company Eyes of AI™ is on a mission to change how gum disease is detected around the world. The company has just been selected to lead a \$6.7 million CRC-P Round 17 project alongside CSIRO's Data61, the University of Sydney, and global industry partners. At the centre of the project is Perio-Detect, an AI-powered screening tool designed to transform the painful, manual probing of gums into a fast, contactless, and accurate digital assessment.

Australasian Dentist spoke with Khoa Le, CEO and Founder of Eyes of AI, about the scale of the periodontal health crisis and why Australia is poised to set a new global benchmark in dental innovation.

Australasian Dentist (AD): Gum disease has been described as a "silent epidemic." How big is the problem globally?

Khoa Le (KL): It's enormous. Periodontal disease affects up to half of the world's population. In its severe form, we're talking about nearly 800 million people globally, including around six million here in Australia. But what people often don't realise is that the impact goes far beyond the mouth. Periodontitis is strongly linked to systemic conditions like cardiovascular disease, diabetes, and dementia. For example, it increases cardiovascular risk by about 19 per cent, and type 2 diabetics with severe periodontitis have more than three times the mortality risk compared to those with no or mild disease. This is not just a dental problem. It's a major public health challenge.

AD: Dentists still rely on manual probing to diagnose periodontitis. Why is this approach no longer enough?

KL: Manual probing is becoming

increasingly outdated. It's time-consuming, uncomfortable, often even painful for patients and subjective, with different clinicians sometimes reaching different conclusions. Subtle early signs are easily missed, delaying the intervention patients need. We believe technology can change that.

AD: That brings us to Perio-Detect. Can you explain what it is and why it matters?

KL: Perio-Detect is our new AI-powered support tool for periodontal screening. It replaces the painful, tooth-by-tooth probing process with a fast, contactless scan. Rather than relying on manual probing, clinicians can pair routine imaging with patient data. The system then performs the heavy lifting: segmenting anatomy, detecting pathology, and delivering a structured assessment in seconds.

AD: How will this improve outcomes for patients and clinicians?

KL: For patients, it means a more comfortable experience and earlier detection of disease. For clinicians, it provides consistency, objectivity, and results that can be monitored over time. In short, it shifts periodontal care from reactive treatment to proactive prevention.

AD: Eyes of AI has just been selected to lead a \$6.7 million CRC-P project. What does that mean for the company?

KL: Being selected under the Australian Government's Cooperative Research Centres Projects (CRC-P) Round 17 program is an important milestone for us. With a project valued at \$6.7 million, the most rewarding aspect is the opportunity to shape the future of dentistry alongside some of the best minds in Australia and abroad. We are proud to be leading this initiative



with CSIRO's Data61, the University of Sydney, and global manufacturing partners. To be recognised as one of only 21 projects nationwide and the sole dental project highlights both the scale of the challenge and the global potential of Australian-led innovation.

AD: How do you see this positioning Australia in the broader medtech landscape?

KL: This project is about more than building a tool. It's about showing that Australia can lead in next-generation dental diagnostics. We're focusing on clinical validation and regulatory approvals from the outset so that Australian clinics can be among the first in the world to access this technology. If successful, it sets a new standard globally.

AD: What drives you personally in this mission?

KL: I've always believed that AI should make healthcare smarter, fairer, and more humane. Gum disease is often neglected, but it has life-altering consequences. Our mission at Eyes of AI is simple: empower clinicians with better tools, give patients better outcomes, and put Australia at the centre of global dental innovation. ♦

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