



University of California
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Letter of Support

As a clinical educator, leader and researcher I am pleased to express my strong support for the proposed initiative to integrate artificial intelligence (AI) into the orthodontic workflow, specifically to address critical gaps in patient monitoring and preventive care during treatment.

Orthodontic treatment is a dynamic process that demands timely interventions based on radiographic evaluations and the maintenance of optimal oral health through regular dental cleanings. In the fast-paced clinical environment, however, essential steps—such as scheduling routine X-rays or dental checkups—are sometimes unintentionally overlooked. These oversights can lead to delayed treatment modifications, increased risk of root resorption, or the development of carious lesions, all of which can compromise patient outcomes.

The proposed AI solution, designed to automatically track and issue reminders for radiographic imaging and dental hygiene visits, directly addresses these challenges. By offering intelligent, timely alerts to orthodontists, assistants, and administrative staff, this system has the potential to greatly enhance treatment efficiency, clinical outcomes, and patient safety. Previous manual methods have demonstrated limitations in reliability and scalability, and I believe that AI offers a far more consistent and error-resistant alternative.

I fully support the development and implementation of this innovative approach and look forward to its impact on improving the quality of orthodontic care.

Sincerely,

Ram Vaderhobli DDS, MS

Director AEGD Post Grad Residency

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