



Oliver O. Aalami, MD

Adjunct Professor, Bioengineering

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Dr. Oliver Aalami is a vascular surgeon and the Director of Digital Health at the Stanford Byers Center for Biodesign. His primary mission is to advance healthcare access through digital health education, research, and translation. At Stanford, he serves as the course director for Biodesign for Digital Health and Building for Digital Health and is a co-founder of Spezi (formerly CardinalKit), an open-source framework developed to support sensor-based mobile research.

His recent work focuses on the intersection of AI and patient care, including the development of an FDA-cleared open-source computer vision model for opportunistic abdominal aortic diameter quantification on routine CT scans. Additionally, he is developing LLMonFHIR, a system that allows consumers to "chat" with their medical records (FHIR resources) on mobile devices, as well as AI-assisted coaching tools to guide patients through therapy.

INSTITUTE AFFILIATIONS

- Member, Cardiovascular Institute
- Member, Wu Tsai Human Performance Alliance