

# Dental Forensics Enable Quick ID of Crisis Victims

*AI-powered tools join established methods to deliver accurate results*

TEL AVIV, ISRAEL, October 22, 2024 /EINPresswire.com/ -- Dental identification has proven indispensable in crises, including the tragic September 11 attacks, the 2004 Indian Ocean

earthquake and tsunami, Hurricane Katrina, and, most recently, the death of the Hamas leader Yahya Sinwar.

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These cutting-edge AI innovations allow forensic odontologists to focus more on victim identification, ushering in a new generation of efficient, accurate, and scalable forensic dental tools.”

*Itai Rosenblatt*

Sinwar’s initial identification based on dental characteristics, later confirmed by fingerprints and DNA methods, once again demonstrates the reliability and speed of this established approach in critical situations where rapid identification is essential. The practical utility of dental identification, a traditional method, is hard to match, particularly regarding its reliability and rapidity in providing swift results when time is critical. Dental images, x-rays, and treatment records are easy to access, accurate, and a faster, much less expensive tool than DNA

identification. While official identification must be confirmed by a trained forensic odontologist, dental characteristics, unlike DNA or fingerprints, offer a practical, first-line comparison by less highly trained individuals.

Until recently, traditional dental identification tools relied on manual charting of detailed descriptions of fillings, followed by manual record comparisons by a trained odontologist. Companies such as [Bright Forensic Innovations](#), a pioneering artificial intelligence (AI)-powered forensic startup, are poised to evolve the field with new tools that promise to enhance speed and accuracy. When asked about the future of using AI in Forensic Odontology, Bright’s CEO Itai Rosenblatt states, “These cutting-edge innovations will eliminate many tedious manual steps, allowing forensic odontologists to focus more on identification than data entry and reporting. Integrating AI into dental identification promises to revolutionize victim identification, ushering in a new generation of efficient, accurate, and scalable forensic dental tools.”

Sadly, the need to identify victims never goes away. The current environment of extreme weather, natural disasters, mass disasters, and war suggests that dental forensics tools will play a significant role in victim identification in the immediate future. AI dental forensics tools like

those pioneered by Bright Forensic Innovations promise to make the process faster, more accurate, and more accessible, and bring quicker closure to loved ones.

(Disclaimer: Bright Forensic Innovations was not involved in the recent dental identification)

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#### About Bright Forensic Innovations

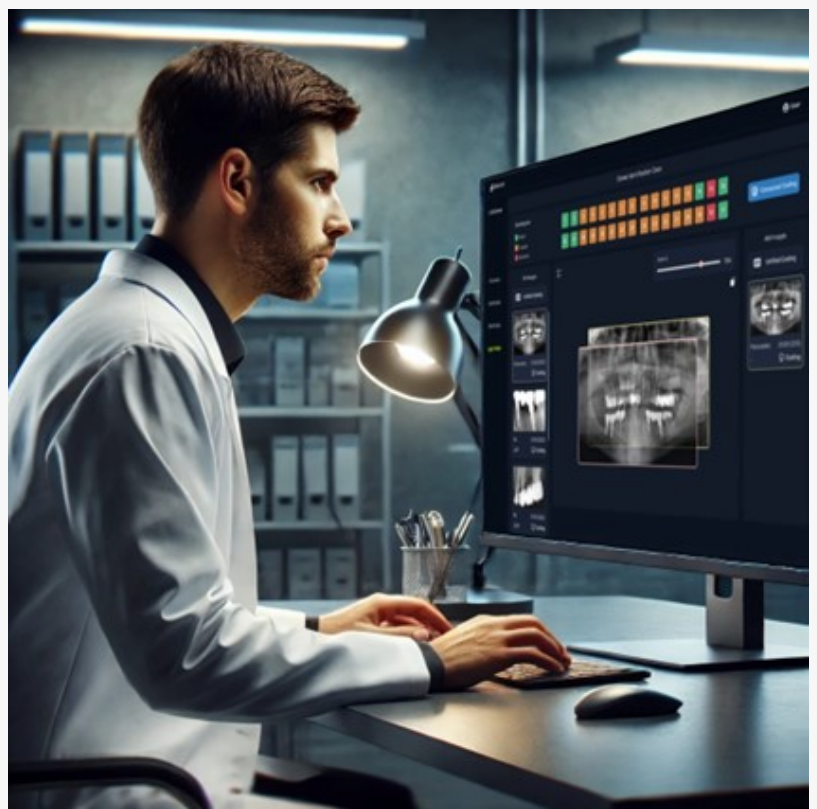
In the wake of tragedies that profoundly impacted the world, Bright Forensic Innovations' co-founders and their team of internationally renowned Forensic Odontology experts united through shared loss from mass fatality incidents. The startup was founded not just as a business but as a mission to advance forensic identification,

enabling swift victim identification and providing closure to loved ones. Bright Forensic Innovations, based in Israel, developed a cutting-edge system leveraging artificial intelligence to analyze dental records with unprecedented speed and accuracy. This new technology speeds up identification and reduces mistakes, giving forensic odontologists a powerful tool that fits easily into their current work process. Whether for daily operations or disaster victim identification (DVI), Bright's tools are designed to meet modern forensic science's rigorous demands. Bright Forensic Innovations was recently named a [Coller Startup Competition](#) winner by the Coller Institute of Venture, Coller School of Management, Tel Aviv University. For further information and interviews, contact Itai Rosenblatt, CEO, at [itai.ros@bright-forensics.com](mailto:itai.ros@bright-forensics.com).

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Bright Forensic Innovations

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Bright Forensic Innovations AI system for forensic dentistry (simulation)

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