

MEDICAL BREAKTHROUGHS **RESEARCH SUMMARY**

TOPIC: SMILE! IMMEDIATE TOOTH IMPLANTS
REPORT: MB #4733

BACKGROUND: Although there have been major advancements in the dental field, edentulism, or tooth loss remains a problem for adults around the world in both developed and developing countries. Very few adults are expected to live a full life with a full set of 32 teeth. This is caused by a variety of reasons including natural decay or caries, traumatic injuries, gum diseases, and impacted teeth. Periodontal disease, or gum disease, is marked by plaque buildup and infection of the sensitive gum area that holds teeth in place. This has been found to be one of the leading causes for extraction in patients over 40. Caries or tooth decay has also been found to be the leading cause of tooth loss in patients 20-30 years of age and is marked by the erosion or formation of tiny holes on the hard enamel surface of the tooth.

(Source: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4847475/>)

TRADITIONAL IMPLANTS: One of the most common techniques practiced by dentists today is the use of implants, a titanium screw placed in the extracted tooth cavity and then covered with a cap. Throughout several weeks, patients will heal and let their bone grow around the screw to serve as an anchor. This technique, while still less aggressive than screwing in a full set of temporary, removable dentures, still requires several appointments for scans, moldings, fittings, and placements that rack up their cost. Patients will also be in recovery for weeks and not be able to eat solid foods for a majority of that time.

(Source: <https://www.health.harvard.edu/oral-health/two-options-for-replacing-lost-teeth>)

NEW TECHNOLOGY: The Ultratooth process does not require your bone to grow into the screw and become secure with time like its predecessors such as the traditional implants or dentures. The Ultratooth, after being surgically placed, is hand-screwed to fit the custom shape of each tooth for immediate securement. The major advancement of this technology is its immediate full function. Patients are encouraged to participate in an apple bite test immediately following placement to ensure the total use of the teeth. The University of Southern California's School of Dentistry concluded that Dr. Sargon Lazarof's treatment modality was valuable in optimizing the potential for patient healing.

(Source: <https://ultratoothstore.com/blogs/the-research/usc-evaluation>)

FOR MORE INFORMATION ON THIS REPORT, PLEASE CONTACT:

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If this story or any other Ivanhoe story has impacted your life or prompted you or someone you know to seek or change treatments, please let us know by contacting Marjorie Bekaert Thomas at mthomas@ivanhoe.com