

Revolutionizing Dental Implants: The Syn-Octa TS System for Retrievable Prosthesis

A breakthrough case study by Dr. Peter Taylor demonstrating advanced implant restoration techniques. Published in the *Journal of the Canadian Dental Association*

OAKVILLE, ONTARIO, CANADA, August 11, 2025 /EINPresswire.com/ -- Dr. Peter Taylor, DDS, Principal Dentist at [Shore Side Dentistry](#) and Adjunct Clinical Professor at Western University's Schulich School of Medicine and Dentistry, has published groundbreaking research demonstrating a revolutionary approach to [dental implant](#) restoration that solves one of dentistry's most persistent challenges: creating permanent-feeling teeth that remain accessible for long-term maintenance.

Shore Side Dentistry

FAMILY PRACTICE

FOCUS ON PERIODONTICS, IMPLANTS & PROSTHODONTICS



Logo of Shore Side Dentistry in Oakville, Ontario



Figure 1: Four ITI implants in a 41-year-old woman, at 3 months after placement, with the healing caps in place

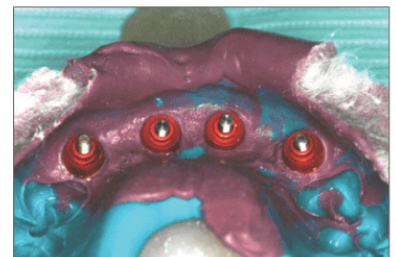


Figure 2: A polyvinyl impression with screw-retained impression caps was made in a custom tray.



Figure 3: Facial view of acrylic provisional prosthesis.



Figure 4: Palatal view of acrylic provisional prosthesis shows the lingual access holes.

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The innovative case study, featured in the prestigious *Journal of the Canadian Dental Association*, showcases Dr. Taylor's successful application of the Syn-Octa TS (Transverse Screw) system – a breakthrough technology that allows fixed dental prostheses to be completely retrievable for repairs and adjustments without damaging the underlying implants.

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Dr. Peter Taylor

Solving a Critical Problem in Modern Dentistry

Traditional [fixed implant prostheses](#), once cemented in place, become extremely difficult and costly to remove for adjustments, repairs, or routine maintenance. This limitation has long frustrated both patients and dental

professionals, often requiring complete remake of expensive prosthetics for even minor

modifications.

"The Syn-Octa TS system represents a paradigm shift in how we approach implant dentistry," said Dr. Taylor, who holds a Fellowship in The Canadian Academy of Restorative Dentistry and Prosthodontics. "For the first time, we can offer patients the stability and confidence of permanently fixed teeth while maintaining the practical ability to provide optimal long-term care. This technology addresses the fundamental challenge that has limited implant dentistry for decades."

Patient-Centered Innovation

Dr. Taylor's published case study details the treatment of a 41-year-old woman requiring restoration of four front teeth following bridge failure and root fractures. The patient's sensitive gag reflex ruled out removable options, while aesthetic concerns in the visible smile zone demanded exceptional cosmetic results.



Dr. Peter Taylor DDS

The Syn-Octa TS system's unique design features transverse screws that enter from the tongue side of teeth rather than through the biting surface, keeping access holes completely hidden during normal social interaction. This innovation allows the prosthesis to be removed and replaced as needed while maintaining perfect aesthetics.

Superior Clinical Outcomes

The published results demonstrate multiple advantages over traditional approaches:

- Enhanced Maintenance: Complete access for thorough cleaning and professional care
- Cost-Effective Repairs: Modifications possible without complete prosthesis replacement
- Improved Longevity: Better maintenance capability extends prosthesis lifespan
- Optimal Aesthetics: Hidden access points maintain natural appearance
- Reduced Complications: Elimination of cement-related gum problems

Academic Excellence and Professional Recognition

Dr. Taylor's commitment to advancing dental science extends beyond his private practice through his role as Adjunct Clinical Professor and Lecturer in Prosthodontics at Western University. In 2021, he received the prestigious C.Y. Lung Award from the Schulich School of Medicine and Dentistry's Undergraduate Dental Education department.

"Teaching the next generation of dentists while remaining at the forefront of clinical innovation allows me to bridge the gap between academic research and practical patient care," Dr. Taylor

noted. "Publishing this case study in the CDA Journal enables dental professionals across Canada to benefit from these advanced techniques."

Dr. Taylor is also a Member of The International Team of Implantologists, reflecting his specialized expertise in the most complex implant procedures.

Advancing the Future of Dental Care

The Syn-Octa TS system represents broader trends toward more sustainable, patient-friendly dental solutions. By enabling long-term maintenance and modification of expensive prosthetics, this technology reduces both environmental waste and financial burden on patients requiring complex dental restoration.

Shore Side Dentistry, located in Oakville, Ontario, continues to integrate cutting-edge technologies with personalized patient care. The practice's commitment to innovation and evidence-based treatment has established it as a leader in advanced restorative and implant dentistry.

About Dr. Peter Taylor, DDS

Dr. Peter Taylor holds an Hon BSc Biology (Distinction) from the University of Western Ontario and a DDS (Distinction) from the Schulich School of Medicine. He serves as Principal Dentist at Shore Side Dentistry in Oakville, Ontario, and maintains his academic appointment as Adjunct Clinical Professor and Lecturer in Prosthodontics at Western University.

Dr. Taylor is a Fellow Member of The Canadian Academy of Restorative Dentistry and Prosthodontics and a Member of The International Team of Implantologists. His clinical expertise and dedication to dental education have made him a recognized leader in advanced restorative and implant dentistry.

About Shore Side Dentistry

Shore Side Dentistry, located at 345 Lakeshore Road E. #401 Oakville, Ontario, L6J 1J5, provides comprehensive dental care with a focus on advanced restorative and cosmetic dentistry. The practice combines modern technology with personalized patient care to deliver optimal oral health outcomes. Under Dr. Taylor's leadership, the practice has become recognized for its expertise in complex implant procedures and aesthetic dentistry.

For more information about the Syn-Octa TS system and advanced implant dentistry options, visit <https://shoresidedentistry.ca/periodontics/revolutionizing-dental-implants/> to read an executive summary of the case study.

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