

## PREFERRED DENTAL TECHNOLOGIES INC.

### Press Release

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CSE- PDT

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**Preferred Dental Technologies Inc. (“Company”) (CSE: PDT)** announces 3D Technology Breakthrough that brings its game changing technology to the forefront

The Company is the only dental implant company with the ability to 3D print solid custom dental abutments

The Company is extremely excited to report that its entry into the digital market exceeds initial expectations. In defining the parameters of milling custom dental abutments, the Company determined that the same platform can be used successfully in 3D printing. This has been further validated with initial prototypes printed with high precision plastics and further printed in castable wax and direct to metal.

The importance of this revolutionary breakthrough is not limited to the huge savings in time offered by 3D printing technology, but more importantly results in decreased production costs of individual abutments. Custom abutments can now be prototyped and manufactured in house with minimal capital cost.

In a test run of prototypes, twelve custom angled abutments were created in a total of twenty-seven minutes. This was accomplished using only a fraction of the printing area, leaving a lot of area to print crowns, bars, bridges and other necessary dental implant components. An entire case or multiple cases can be printed all at the same time depending on case load. The features of the Evolutionary Accessory Series (EAS) are still maintained through all aspects of production, whether using the universal EAS platform in a traditional manner, CAD/CAM milling or 3D printing. It provides correction of angulation, parallelism and fixation screw loosening problems while still being easily retrievable on even the most complex restorative cases.

Production comparisons to what is available in the dental market today are noted below.

- Twelve EAS 3D printed custom abutments in twenty-seven minutes,
- Milling one custom abutment typically takes 45 minutes to one hour and fifteen minutes
- Traditional casting of the EAS takes two to two and a half hours depending on the technician's skillset
- A UCLA style custom abutment takes the better part of a day to complete one unit.

There is a clear time and cost benefit with using the EAS platform in addition to solving problems that contribute to common dental implant failures. The Company looks forward to commercial launch within next fiscal year.

A growing number of dental labs use 3D printing technology to create their own bridges, overdenture bars, models and crowns. PDT's solution can be seamlessly integrated and adopted in their daily routine, using an economical in house 3D printer. This eliminates sending out cases for manufacturing, eliminating outsourcing allows technicians to maintain case control while improving their operating margins. There will no longer be a need to pay someone else to do what you can do in your own office.

Advisor Rodrigo França, D.D.S, M.Sc, Ph.D. Stated "The unique features of the EAS System like control over angulation, easy screw retention and perfect parallelism make this system a game-changer for solving complex cases. The 3D printed prototypes of EAS System is an elegant and avant-garde solution to provide better care to patients"

#### About PDT

Preferred Dental technologies Inc. (PDT) has been established to advance development and commercialization of various evolutionary and disruptive technologies in the dental implant industry.

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