

Subscribe to our
e-newsletter
astratechdental.com

Atlantis™ update

Available for
NobelActive™

Page 6



Grow your practice

Page 7



In 1985 we entered the field of implant dentistry. Today, 25 years later, we are one of the top three dental implant companies in the world.

CELEBRATING

25

YEARS OF
EVOLUTION

Follow our journey on pages 4–5

Launch of OsseoSpeed™ TX

New tapered apex makes implant installation even easier.



Pages 2–3

Join our journey of continuous evolution in implant dentistry

Twenty-five years of continuous evolution and counting – that’s the journey we have embarked on and that we hope you will join.

At Astra Tech Dental we have always had an holistic approach to implant dentistry. We base everything we do on research, science and documentation. This approach combined with constant strive to simplify products and procedures in order to make your daily work easier, has taken us to the number three position in the global dental implant market.

In this newsletter, we’ll tell you about the continuous evolution in implant dentistry that we have delivered over the last 25 years. The journey started in 1985, with the first clinical study of implants with a conical connection, the Conical Seal Design™, and Connective Contour™ at the Karolinska University Hospital in Stockholm.

We were first to introduce minute threads, MicroThread™, on the implant neck ensuring positive biomechanical bone stimulation for maintained marginal bone levels and we pioneered the fluoride modified implant surface with a unique nanoscale topography, OsseoSpeed™. This combination of biological, biomechanical and biochemical principles is unique to our implant system and is recognized as the Astra Tech BioManagement Complex™. You can follow our journey on pages 4-5.

Part of our continuous evolution is providing the freedom of unlimited possibilities. Atlantis™ is a perfect example – instead of limiting customers to our own implant system, we offer unique, biodesigned, patient-specific abutments to users of all major implant systems. Read about our latest additions on page 6.



Welcome to the world of Astra Tech Dental.

Sincerely,

Björn Delin, DDS
Business Unit Director, Dental
Astra Tech AB, Sweden



Oss



Read more about our focus on documentation at astratechdental.com/documentation

When the tapered apex design was first introduced on the OsseoSpeed™ 3.0 S, the response was overwhelming. As a result, the complete implant line is now enhanced with a tapered apex.

We proudly present OsseoSpeed™ TX.

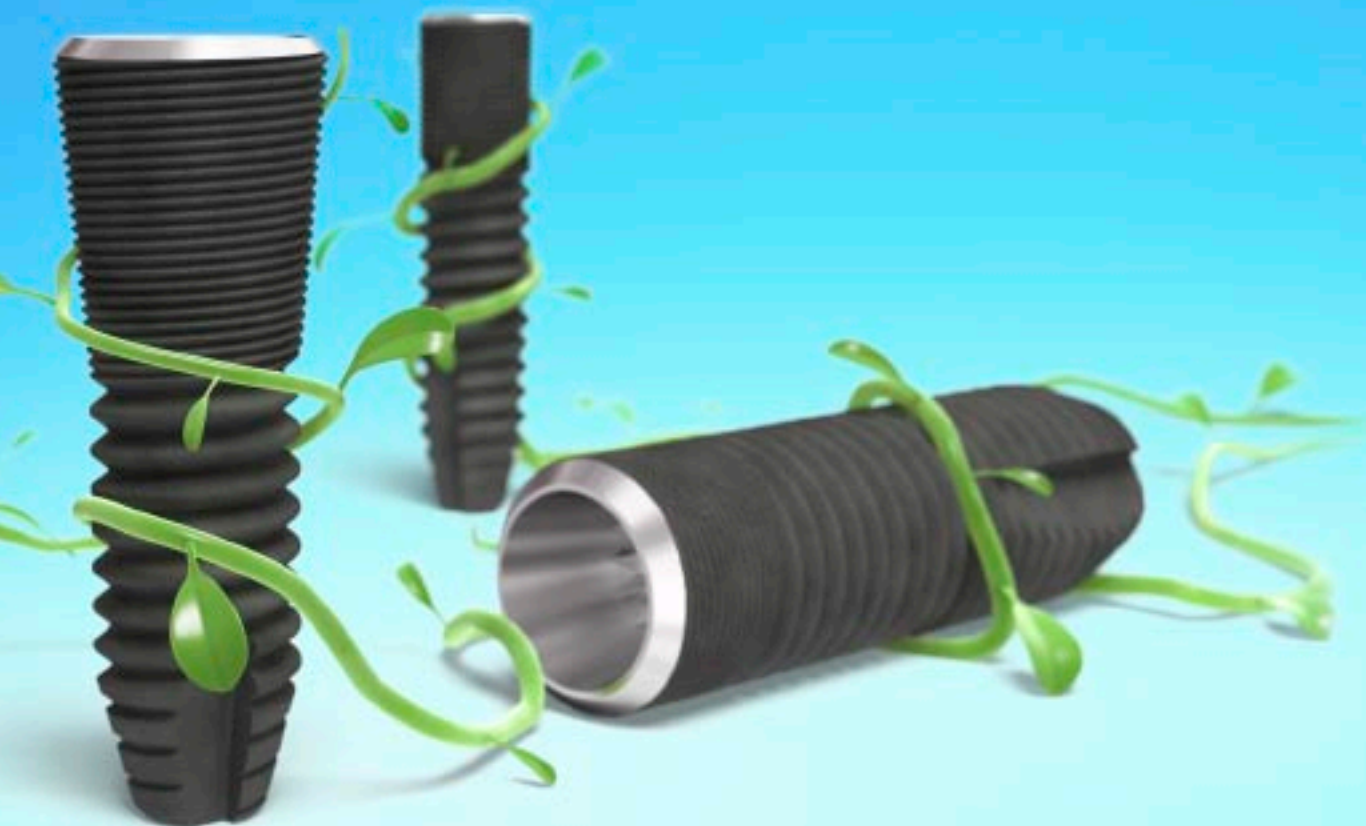
This new design modification allows for easier implant installation in all indications, especially in soft bone where underpreparation is often desired. A drilling protocol for soft bone has also been defined.

OsseoSpeed TX is an implant with remarkable and proven abilities to speed up the bone healing process. The unique fluoride-modified nanostructure of the implant surface stimulates the early bone formation and provides stronger bone-to-implant bonding.

The Astra Tech Implant System™ is designed to maintain the marginal bone support and is clinically proven to maintain marginal bone level (mean marginal bone reduction of only 0.3 mm over 5 years).

eoSpeed™ TX

Growing power made easier



In 1985 we entered the field of implant dentistry, taking the first step towards the Astra Tech BioManagement Complex™. It was quickly followed by a range of groundbreaking innovations, new unique methods and recently an industry-challenging and greatly improved standard for acceptable bone loss. Today, 25 years later, we are one of the top three dental implant companies in the world.

Celebrating 25 years of evolution

1985 Astra Tech enters the field of implant dentistry, taking the first step towards the Astra Tech BioManagement Complex™.

1989 The idea of blasting the implant surface with titanium dioxide particles to increase bone growth and osseointegration is presented and the TiOblast™ surface is born.

1985 Clinical use of the first generation of implants with Conical Seal Design™ and Connective Contour™ is initiated in a study at the Karolinska University Hospital in Stockholm, Sweden.

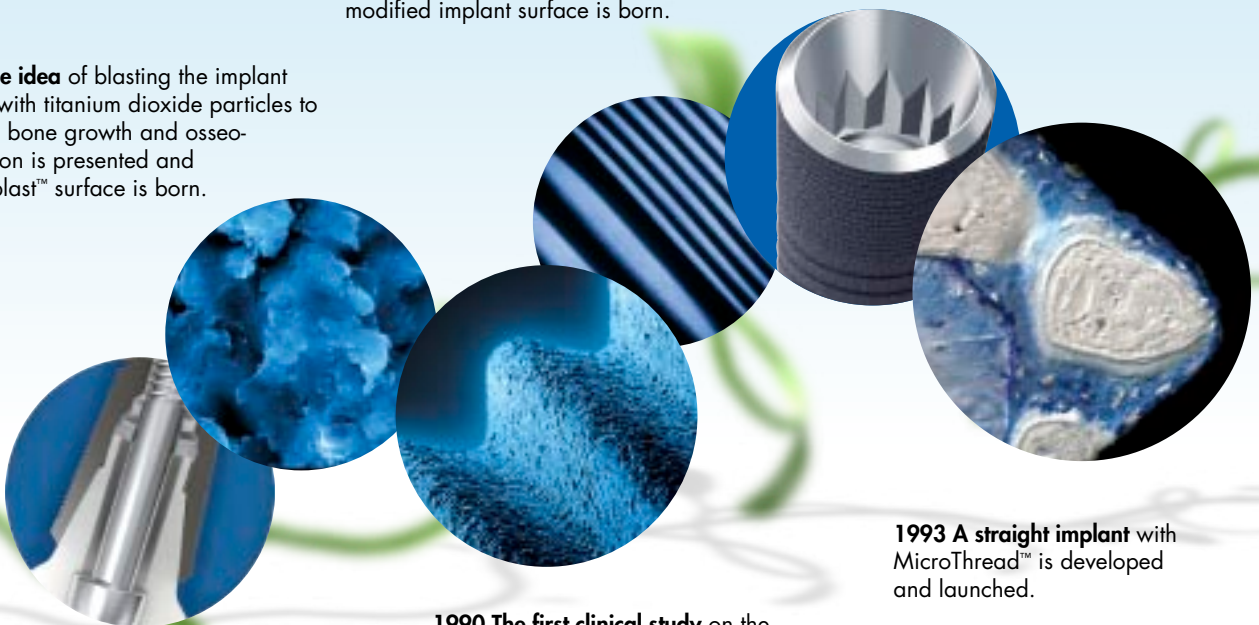
1990 OsseoSpeed™ A team at the University of Oslo, Norway, starts asking themselves, "What if you could speed up the osseointegration process by chemically modifying the implant surface?" The idea of a fluoride-modified implant surface is born.

1991 MicroThread™ The idea of minute threads on the implant neck to ensure positive biomechanical bone stimulation and maintained marginal bone level is born. After comparing 840 threads of different shapes and sizes, the optimal profile for positive stress distribution is identified.

1991 The first clinical study with MicroThread™ on a tapered implant neck is initiated.

1993 A straight implant with MicroThread™ is developed and launched.

1990 The first clinical study on the TiOblast™ surface is initiated, followed by the TiOblast implant launch.



1992 Astra Tech acquires all intellectual properties on the OsseoSpeed™ surface and starts the development process together with the University of Oslo.

2000 The first patient receives an OsseoSpeed™ implant at the University of Oslo.

2005 Astra Tech acquires Cresco™, a unique method for screw-retained implant prosthetics for a perfect fit. The Cresco method fits all major implant systems.

2006 New results on the OsseoSpeed™ surface and its biological responses demonstrate the importance of the fluoride-modified surface with its unique nanoscale topography.

2009 Astra Tech Implant System™ is proven clinically to maintain the marginal bone level, presenting a mean marginal bone reduction of only 0.3 mm. Five-year data on OsseoSpeed™ implants confirm the excellent results.

2001 A randomized controlled clinical trial on a fluoride-modified surface of orthopedic implant is started.

2004 The first and only chemically modified implant surface – OsseoSpeed™ – is launched at EAO in Paris. Based on the remarkable results, the expression “more bone more rapidly” is coined.

2002 The first clinical multicenter study on OsseoSpeed™ is initiated.

2003 The FOCUS project, a unique effectiveness study, is initiated, involving more than 100 clinicians in Europe and the United States.

1993 The first experimental pre-clinical studies on OsseoSpeed™ are initiated.

2006 Facilitate™ Computer Guided Implant Treatment. Astra Tech signs an agreement with Materialise Dental for the development of computer guided implant treatment.

2007 Astra Tech acquires Atlantis™, an innovative dental CAD/CAM company providing patient-specific abutments. The concept fits all major implant systems.

2010 OsseoSpeed™ TX is launched. TX stands for tapered apex and it is introduced on the complete implant assortment.



Discover Atlantis™

– patient-specific abutments for all major implant systems

Atlantis™ update

Atlantis™ patient-specific abutments are now also available for NobelActive™ NP 3.5 and RP 4.3, 5.0 implants for customers in Europe, Australia and North America.

**All trademarks are the property of their respective owners.*

This introduction is the latest in a series of Atlantis abutments being developed for new implant interfaces such as the Straumann™ Bone Level implants. Astra Tech plans to introduce additional interfaces and material choices for the Atlantis solution in 2010.*

Download a
complete implant
compatibility chart at
www.atlantisabutment.com

View and comment in 3D

The patented Atlantis™ concept combines state-of-the-art 3D optical scanning and

viewing, web ordering and manufacturing methods that eliminate the need for hand modification.

The virtual images allow each abutment to be individually designed to fit the space it will occupy. The process departs from the desired final tooth shape and the designs can be reviewed from

any angle through the interactive Atlantis™ 3D viewer. The process reduces the time needed for review and leaves you in full control of final design.

Atlantis abutments help expand the possibilities for cement-retained implant restorations and are available for all major implant systems, in titanium, gold-shaded titanium and two shades of zirconia.



Growing Practice Support

Expanding the scope of your dental implant practice

Running a successful dental implant practice is much more than providing patients with clinically proven products of high quality. To help create a distinctive image for your practice and increase overall quality of care we also provide a range of marketing and training services.

Patients faced with dental implant surgery often have numerous questions. The first step in helping them understand the benefits of dental implant solutions is to ensure that your staff has the answers. Our Growing Practice Support offers customized and hands-on training to all members of your staff.

We also supply educational material and tools that help your patients make well-informed decisions about

treatment options. Brochures, DVDs, models, posters and illustrations help patients understand the treatment steps and realize the benefits of dental implants. And once the dental implants are in place, patients need to understand how critical supportive therapy is, and what they can do to ensure the best possible outcome.

For more information, visit astratechdental.com/growingpractice

Supportive therapy matters

To maintain long-term peri-implant tissue health, supportive therapy must be an integrated part of implant therapy. That's why we have developed the Supportive Therapy Manual together with Professor Tord Berglundh.*

* Department of Periodontology, Sahlgrenska Academy, University of Gothenburg, Sweden



The manual provides important information on the examination and follow-up of implant patients. It includes diagnostic methods to guide you in detecting pathology in peri-implant tissues, as well as recommendations for prevention and treatment. View the manual online or contact your local Astra Tech office for a copy.



Big hit for new concept course



The Astra Tech Conference Center for Training & Education in Mölndal, Sweden, continues to attract dental professionals from all over the world.

The top-of-the-line facility has been up and running since 2007, hosting nearly 100 training programs. Recently a course on the periodontally susceptible patient drew a crowd of 80. "One of the best courses I have ever been on," was one of the comments from the pleased participants. Topics covered in the course include esthetic considerations and maintenance for implant restorations.

"One of the best courses I have ever been on."

Astra Tech Dental offers a wide range of courses in collaboration with clinical centers and universities all over the world. Our much appreciated concept courses depart from the most recent scientific findings and their implications for treatment. They include lectures with prominent specialists mixed with live surgery, video demonstrations and hands-on training. There are three levels: basic, intermediate and advanced.

Make sure to visit astratechdental.com/education to check out the schedule and availability of our courses.

A Good Evening with Astra Tech

Join us at EAO in Glasgow on October 7 to find out more about long-term success with implant treatment. The evening also includes a presentation on dental implants in extraction sockets and timing of implant

loading. And, of course, a trip down memory lane as we celebrate our 25th anniversary. Download the complete program on our website.

