THE NEW POWERHOUSE IN IMPLANT DENTISTRY™
Join the EVolution
A continuous evolution

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.

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.

1990
The concept of a fluoride modified implant surface to help speed up the osseointegration process is conceived by a team at the University of Oslo, Norway. As a result, the first experimental pre-clinical studies on OsseoSpeed are initiated in 1993. In 2000, the first patient receives an OsseoSpeed implant at the University of Oslo. The first and only chemically modified implant surface – OsseoSpeed – is launched in 2004 at EAO in Paris.

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

1994
Introduction of the ASTRA TECH Implant System EV. The design philosophy of the implant system is based on the natural dentition utilizing a site-specific, crown-down approach. Featuring a unique interface with one-position-only placement for ATLANTIS patient-specific CAD/CAM abutments.

2007
ATLANTIS patient-specific CAD/CAM abutments are introduced for the ASTRA TECH Implant System.

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

2011
OsseoSpeed TX Profile, the unique, patented implant that is anatomically designed for sloped ridges, is introduced.
Customer feedback

- Surgical simplicity and flexibility
- Primary stability
- Restorative ease
- System logics
- Robustness

…While maintaining the predictability and esthetic outcomes that you have come to rely on.
We could not have done it without you
ASTRA TECH Implant System™ EV

Simplicity without compromise
The foundation
– ASTRA TECH Implant System BioManagement Complex™

- OsseoSpeed™
  - more bone more rapidly

- MicroThread™
  - biomechanical bone stimulation

- Conical Seal Design™
  - a strong and stable fit

- Connective Contour™
  - increased soft tissue contact zone and volume
Uncompromised results

Outperforming the current standard norm

*ASTRA TECH Implant System level based on data from more than 30 articles (published in English, peer-reviewed journals) presenting radiological data on study cohorts of no less than 10 patients receiving standard surgical procedures and followed for minimum 1 year after loading. Literature search January 2011.

** Standard norm (less than 1 mm bone loss during the first year of loading and less than 0.2 mm annually thereafter, to level out at approximately -1.5 mm after 5 years of loading) according to: Albrektsson T. et al., Int J Oral Maxillofac Implants 1986;1(1):11-25, Albrektsson T. and Zarb GA., Int J Prosthodont 1993;6(2):95-105, Roos J. et al., Int J Oral Maxillofac Implants 1997;12(4):504-514.
Customer feedback

- Surgical simplicity and flexibility
- Primary stability
- Restorative ease
- System logics
- Robustness
The design philosophy

A site-specific, crown-down approach
- based upon the natural dentition
- an individual assortment of components for each site

- Surgical simplicity and flexibility
- Restorative ease
- System logics
- Robustness
System highlights

- Versatile implant designs
- Drilling protocol allows for preferred primary stability
- High performance drills
- A user-friendly, color-coded surgical tray
- Improved system logics
- Robust system
- Surgical simplicity and flexibility
- Primary stability
- System logics
- Robustness
System highlights

- Restorative ease
- System logics
- Robustness

- Unique interface with one-position-only placement of ATLANTIS™ abutments
- Site-specific restorative components
- Self-guiding impression components
- One system – one torque
- Versatile 33° Uni Abutment EV
- Simplified installation procedure of Uni Abutment EV
Surgical simplicity & flexibility
Versatile implant assortment

- Surgical simplicity and flexibility
- System logics
- Robustness

Ø 3.0  Ø 3.6  Ø 4.2  Ø 4.8  Ø 5.4
New implant options

- **OsseoSpeed™ EV Straight**
  - New wider 5.4 mm implant option
  - Additional implant options
  - 6 mm

- **OsseoSpeed™ EV Conical**
  - New 8 mm option

- **OsseoSpeed™ EV Profile**
  - Expanded range of implant designs

Surgical simplicity and flexibility
Flexible drilling protocol

- Straightforward procedure providing improved primary stability
- Option of adapting the osteotomy to achieve the preferred primary stability
Flexible drilling protocol

- Procedure made easy by a simple numbering & color-coded system
- Supported by high performance drills
  - step design provides tactile control and guidance
  - eliminates need for Pilot Drills

✓ Surgical simplicity and flexibility
✓ Primary stability
One surgical tray – three overlay options

- One tray for all implant designs
- Adaptable according to clinical preferences
- Color-coded and intuitive layout
- Grommet-free
Restorative ease
Solutions for all restorative needs
Unique interface with one-position-only placement

For ATLANTIS™ patient-specific, CAD/CAM abutments only

Restorative ease
One interface – three indexing solutions

One-position-only  Six position  Index free

✓ Restorative ease
Self-guiding impression components

- Require only one hand for precise seating
- Predictable and time efficient installation procedure
Self-guiding impression components
One system – one torque

- One uniform tightening torque (25 Ncm) for all final abutments
- Final abutment screws are optimally designed to ensure correct preload and a stable screw joint over time.
Versatile 33° Uni Abutment EV

• One top-cone angle (33°) for simplified case and inventory management
• Increased robustness
• Uni Driver EV
  – only one instrument needed for installation or removal
  – designed for simple handling and increased efficiency
UniDriver EV
– designed for simple and efficient handling
Summary
Simplicity without compromise

- Surgical simplicity and flexibility
- Primary stability
- Restorative ease
- System logics
- Robustness

OsseoSpeed™ - more bone more rapidly
MicroThread™ - biomechanical bone stimulation
Conical Seal Design™ - a strong and stable fit
Connective Contour™ - increased soft tissue contact zone and volume
Thank you
- for your continued partnership throughout our EVolution
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