



Zimmer Biomet Dental Celebrates 20 Years since the Screw-Vent Implant System was acquired from Dr. Niznick's Core-Vent/Paragon Implant Company.

[Video highlighting the Tapered Screw-Vent's Features and Clinical Results.](#)

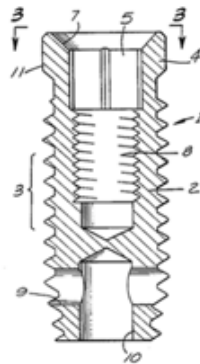
[Click Here To Play Video](#)

Internal Conical Connection
Patent # 4,960,381

"Cornerstone of Modern Implant Design"

Gerald Niznick DMD, MSD
Inventor

Originally Filed: January 8, 1987
Patent Issued: October 1990



1986 Screw-Vent Implant: Dr. Niznick introduced the Screw-Vent® dental implant in grade 1 commercially pure titanium. The Screw-Vent incorporated the same thread design and diameter (3.75 mm) as the Branemark implant, but featured a 1.5 mm-deep internal hexagon with a threaded shaft below it. This patented connection provides the stability needed between the implant and the abutment to prevent screw loosening and thus minimizes long-term prosthetic complications. It also allows screw-retained, two-piece abutments to interlock with the internal hexagon to prevent rotation, which made single tooth replacement a viable option in implant restorations. At the top of the internal hexagon, a lead-in bevel helps stabilize the abutment against lateral forces and reduces the chance of tissue being trapped in the joint, which could result in incomplete seating.

SCREW-VENT

1986

The
Generation II
Fixture™

ADVENT™ AND SCREW-VENT®
IMPLANT SYSTEMS

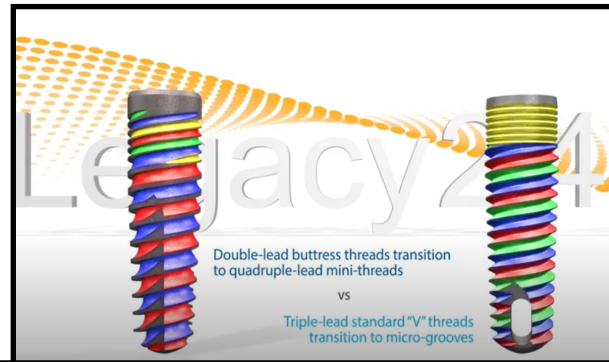
1999

PARAGON
IMPLANT COMPANY

TECHNICAL INFORMATION
AND PRODUCT CATALOG

Dr. Niznick Responds to Zimmer Biomet's Posting of the Screw-Vent Video:
I am celebrating the 22 year anniversary of the Tapered Screw-Vent (1999) and the 34 year anniversary of the straight Screw-Vent (1986) with the patented Internal Conical Connection.

In my last year as president of Implant Direct, I created a ["Reality Check" video](#) comparing the Features and Benefits of the Third Generation Screw-Vent, called the Legacy Implant, to Zimmer Biomet's Tapered Screw-Vent "TSV" Implants.



Implant Direct
 simply smarter.

Legacy™ System Catalog

Legacy™1 Legacy™2

Legacy™3 Legacy™4

Legacy™4

A Legacy of Innovation

Legacy4 implant combines the popular Legacy2 implant body with a revolutionary two-piece fixture-mount for precision transfers and prosthetic simplicity.

NEW Legacy™4 Implant

All-in-1 Packaging includes implant, fixture-mount, abutment, transfer, cover screw & healing collar —

Scans QR code to detachable QR code for metal to metal transfer accuracy

Torque safety
 feature prevents damage to implant interface.

Two Piece fixture mount (patent pending) with **preparable abutment**

Concave transgingival profile

Quadruple lead micro-threads

Progressively deeper buttress threads

Three long cutting grooves

Over 30 Years of Implant Innovation
 Gerald R. Niznick, DMD, MSD
 President & CEO
 Implant Direct, Inc.

1982 Core-Vent™ Implant & Abutment System
 Pat. #4,811,714, #4,811,715, #4,811,716, #4,811,717

1986 Screw-Vent™ – First Internal Connection
 Pat. #4,548,331

1987 Micro-Vent™ – First Small Diameter Implant
 Pat. #4,548,331

1990 Steel & Titanium Mount Packaging Pat. #4,616,100

1994 Fixation-Fit Internal Connection Pat. #5,153,644
 Fixation-Fit External Connection Pat. #5,153,645

1995 Tapered Implant with Surgical Protocol for Study of Pat. #5,153,647

1996 Serrated Surface & Dual Transition Surface Transforms Pat. #5,153,648, #5,153,649

1999 Aruven™ One-Face Implant for Osseotensile Load Pat. #5,828,028

2006 Application-Specific "Spectra-System" of Implants
 Micro Thread Pat. #6,727,897, Moving Collar Packaging Pat. #6,727,898, One-Piece Metal and Implant and Abutment Pat. #6,727,899, Pat. #6,727,900, Multi-Functional Nitinol Mount Pat. #7,793,127

2007 Multi-Fit™ System with Titanium Compatibility Acrylamide Pat. #7,793,127

2008 SafeFit™ with Collagen Square Connection Patent Pending

2009 GoChisel™ One Piece Implant for Osseointegration Attachment Patent Pending

2010 G2™ Abutment with Internal Resilient Osseointegration Attachment Patent Pending

2012 Legacy4 Implant with Two Piece Fixture Mount Packaging Patent Pending

www.implantdirect.com.mx 01 800 365-5000

7.5-06-13-0041 3.3k-06-13-0041 Printed in the U.S.A. Copyright © 2013 Implant Direct System International. All Rights Reserved

A Pioneer in the Implant Industry

Dr. Gerald Niznick, the founder and president of Core-Vent and Paragon Implant companies, has been a driving force in the dental implant industry since 1982, receiving 33 US Patents on his implant System designs. Included is the internal conical connection that is considered by many as the cornerstone of modern implant design. His Tapered Screw-Vent system remains the foundation of Zimmer Biomet's dental implant sales. In 2004 Dr. Niznick founded Implant Direct. In 2007, after the Screw-Vent patent expired, Implant Direct launched its flagship Legacy Implant System, an updated version of the Tapered Screw-Vent. Dr. Niznick sold his interest in Implant Direct in January 2014 and today it operates as a division of NobelBiocare.

