NORIS Academy® NORIS Medical®



14 CE CREDITS

April 17-18, 2027 New Jersey, USA

2-Day Interactive Cadaver Course

ADVANCED FULL-ARCH REHABILITATION

with Pterygoid Anchorage & Digital Workflow Featuring the POWER® Protocol



Dr. Igor Borisov
DMD, MS

NORIS Medical®
Dental Implant Solutions

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Agenda

April 17 – Didactic & Model Workshop

Day One

Introduction & Overview	Safe angulation and cortical engagement
Welcome and course orientation	Indications, contraindications, and prevention of complications
Overview of the Full-Arch POWER® Protocol and the Advanced Full-Arch Concept	Prosthetic Integration
Clinical rationale for pterygoid-based anchorage	Prosthetic design principles for extended A–P support
Biomechanics & A–P Spread Optimization	Multi-unit abutment selection and alignment
Importance of A–P spread for full-arch stability	Immediate vs. definitive restoration planning
Load distribution, cantilever reduction, and prosthetic balance	Hands-On Model Workshop
Case analysis: posterior anchorage strategies for improved outcomes	Placement of conventional and pterygoid implants on 3D models
Anatomy & Surgical Planning	Multi-unit abutment workflow and prosthetic conversio
Key landmarks of the maxilla and pterygoid region	Digital workflow protocols (photogrammetry demo)

April 18 – Surgical Review & Cadaver Training

Day Two

Review & Surgical Planning	Workflow integration from planning to restoration
Recap of Day 1 key concepts	Cadaveric Surgical Training
Digital planning and implant mapping for maxillary reconstruction	Anatomical dissection of posterior maxilla and pterygoid region
Complications & Risk Management	Guided and freehand placement of pterygoid and anterior implants
Intraoperative and postoperative complications	Achieving optimal A–P spread and posterior support
Sinus and soft tissue management	Prosthetic digital conversion and verification on cadaver specimen
Handling angulation errors and inadequate bone engagement	Closing Session
Prosthetic troubleshooting and long-term maintenance	Summary of clinical takeaways
Prosthetic Verification & Integration	Q&A and discussion
Digital impression and accuracy assessment	Certificate distribution
Evaluating prosthetic passivity and occlusion	

Course Overview

This advanced two-day educational program provides clinicians with a comprehensive understanding of the biomechanical, surgical, and prosthetic principles essential for predictable full-arch rehabilitation of the maxilla.

Participants will explore the clinical rationale and technical execution of pterygoid-based anchorage as a means to enhance posterior support, expand the anterior–posterior (A–P) spread, and improve long-term prosthetic stability in complex maxillary cases.

Through a combination of didactic sessions, digital workflow demonstrations, and hands-on cadaveric training, attendees will gain the knowledge and confidence to incorporate pterygoid implants into their full-arch treatment protocols — minimizing grafting procedures while maximizing functional and esthetic outcomes.

The course will also integrate digital and analog conversion techniques, photogrammetry-based workflows, and step-by-step guidance on immediate and definitive restoration approaches.
NOTE: PARTICIPANTS SHOULD HAVE EXPERIENCE IN FULL-ARCH MAXILLARY AND MANDIBULAR PROSTHESIS (SURGICALLY AND RESTORATIVE) THIS IS AN ADVANCED COURSE

Course Objectives

- Understand the anatomical and biomechanical principles underlying pterygoid implant placement and their role in achieving optimal posterior anchorage.
- Evaluate and plan full-arch maxillary cases with a focus on achieving ideal A–P spread to improve load distribution and minimize cantilever forces.
- Identify appropriate indications and contraindications for pterygoid implants based on bone density, sinus anatomy, and prosthetic requirements.
- Perform guided and freehand placement of pterygoid and anterior implants on cadaver specimens with attention to safety, angulation, and cortical engagement.
- Execute immediate conversion protocols using both conventional and digital workflows, including photogrammetry and 3D printing.
- Recognize and manage potential complications associated with posterior anchorage and develop maintenance strategies for long-term prosthetic success.
- Integrate the POWER® protocol into clinical practice as a predictable, graftless solution for full-arch rehabilitation in atrophic maxillae.



Venue Address
New Jersey, USA



Speaker

Dr. Igor Borisov, DMD, MS

Dr. Igor Borisov is a comprehensive oral implantologist, Diplomate of the American Board of Oral Implantology, educator, mentor, and lecturer with a focus on advanced implant surgery, full-arch rehabilitation, soft tissue management, and digital treatment workflows. Born in Kharkiv, Ukraine, and raised in Baltimore, Maryland, he earned his Doctor of Dental Medicine degree from Midwestern University in Arizona and completed his residency training at Jacksonville University. He currently serves as a Surgical Director, where he helps train and mentor clinicians in advanced implant procedures and full-arch reconstruction. His clinical practice focuses on implant placement, immediate loading, full-arch fixed prostheses, sinus augmentation, guided bone regeneration, and remote anchorage techniques, including pterygoid and zygomatic implants. By integrating photogrammetry, intraoral scanning, CAD/CAM technology, and 3D printing into his workflow, Dr. Borisov delivers efficient, prosthetically driven treatment with a strong emphasis on precision and long term success. In addition to patient care, Dr. Borisov lectures and mentors nationally and internationally on contemporary implant techniques, digital workflows, and advanced surgical concepts. Dr. Borisov remains dedicated to advancing the field of implant dentistry through clinical excellence, education, and the adoption of emerging technologies, with the goal of providing predictable, life changing outcomes for his patients.

Cancellation Policy

We offer a flexible cancellation policy for our courses. If you need to cancel your registration, we ask that you do so at least one month before the scheduled course date to receive a 50% credit. If you cancel before the two-month deadline, we will provide a full credit. Unfortunately, we cannot offer any credit for cancellations made within one month of the course date, unless it is an individual case such as illness, which will be reviewed and decided by the regional manager. It is important to note that the credit for hotels is separate from the course cancellation policy. We highly recommend booking your hotel accommodations with a flexible cancellation option. This will provide you with the necessary flexibility in case of unforeseen circumstances that may require you to cancel or change your hotel reservation. For doctors who have purchased implant packages, we offer credit for product purchases only. This credit is not transferable to other products or services. If you have any questions or concerns regarding your implant package credit, please contact our customer service team for assistance.

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