



APPLIED IMPLANTOLOGY MASTERY



ONLINE



CLASSROOM



MENTORSHIP

The mission of **Applied Implantology Mastery**, initiated in 1989 by its founder, Prof. Dr. István Vajdovich, is to continue and extend the educational traditions on an international level. The primary aim of the institution is to provide dentists with fundamental and easily applicable knowledge in the field of implantology. The institution is committed to ensuring that participating dentists acquire in-depth expertise that enables them to efficiently perform top-quality implantological procedures. Applied Implantology aspires to provide patients with the highest standard of care in the field of dental implantology, delivered by highly trained and committed professionals.

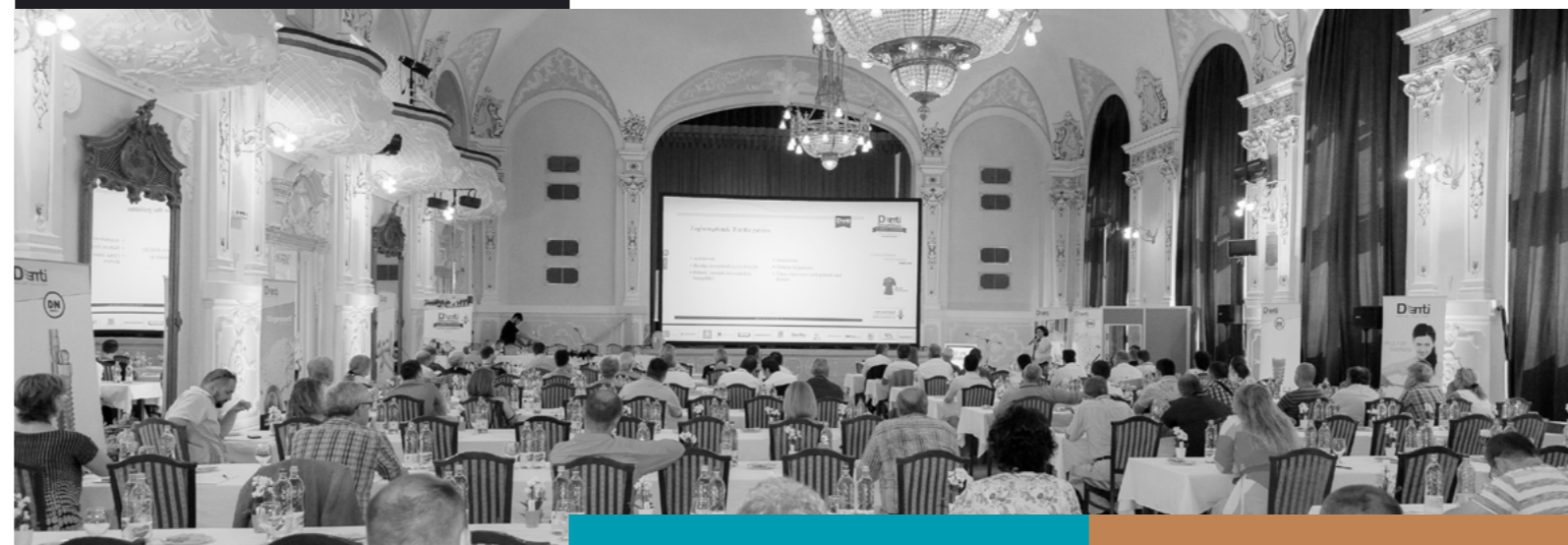
The objectives articulated by **Applied Implantology Mastery** are both noble and extremely crucial in the field of dental implantology. *The combination of complex theoretical foundations and practical skills* not only prepares students for real-world challenges but also contributes to patient safety and improved medical outcomes. Maintaining a balance between theoretical and practical skills is vital. By understanding anatomy, biomaterials, and surgical techniques, students are equipped to make informed decisions and adapt to new situations. A well-trained implantologist can not only execute technical aspects of the procedure at a high standard but also solve complex problems, make ethical decisions, and communicate effectively with both patients and colleagues.



A BRIEF HISTORY

Our school's history traces back to the Denti Education Academy, which has been involved in training implantologists since 1989. Prof. Dr. István Vajdovich founded the institution in the early '90s with the same objective: to disseminate and establish knowledge of implantology in Hungary and neighboring countries. The fundamental principle—that aspiring implantologists should deeply understand the field on both theoretical and practical levels—has remained unchanged. The new three-module program modernizes this legacy and adapts it to today's environment.

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UNDERSTANDING THE "LANGUAGE" OF IMPLANTOLOGY

Here, "understanding" implies much more than merely acquiring basic knowledge. Understanding the language of implantology encompasses not just the jargon or technical details but also a broader spectrum of clinical decision-making, diagnostics, therapeutic approaches, and patient-caregiver interactions. When students gain access to this "language," they are able to:

1. **Communicate Better:** Not just among themselves and their teachers, but also with patients and other healthcare professionals. This is critical for multi-disciplinary teamwork and patient care.
2. **Solve Complex Problems:** Understanding enables students to integrate theoretical knowledge into clinical practice, allowing them to solve intricate diagnostic and therapeutic issues, devise personalized treatment plans, and react quickly and efficiently to unexpected situations during interventions.
3. **Make Ethical and Legal Decisions:** Understanding the "language" of implantology imparts not just technical and clinical competency but also ethical and legal proficiency, which is indispensable in medical practice.
4. **Better Understand and Interpret New Research Findings and Recommendations:** The field is continuously evolving. Alongside understanding the basics, it's important for students to comprehend and interpret new research findings and apply them in practice.
5. **Individual and Collective Development:** Understanding the "language" of implantology enables students to actively participate in professional discourse, continuing education, and research, thereby contributing to both their own development and that of the profession.

Based on these aspects, it is clear that the foundational training provided by Applied Implantology Mastery represents significant added value at both individual and societal levels.



ONLINE
MODULE



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THREE-MODULE PROGRAM

The well-designed, three-module educational program allows students to progressively and logically build their knowledge and skills. Starting from the basics, through practical training, to mentorship, each module focuses on different abilities and knowledge while providing a comprehensive overview of the entire field of implantology.

The program prepares students for every aspect of the specialized field of implantology, including theoretical foundations, practical application, as well as leadership and mentorship skills. The comprehensive and well-structured program aids students in understanding and applying the full spectrum of implantology science and practice.

ADVANTAGES OF THE PROGRAM



ONLINE MODULE

Online Module: This is geared towards the conveyance of basic knowledge. The program helps make learning more engaging, thus easier to digest.



CLASSROOM MODULE

Study Club and Hands-On Training: Building a bridge between theory and practice is a critical step in education. Hands-on courses offer students the opportunity to apply theoretical knowledge and gain direct experience, enhancing their confidence and competency.



MENTORSHIP MODULE

Mentorship Module: This level aptly completes the program. Mentors can not only pass on their knowledge to the next generation but also develop additional leadership and communication skills that will be broadly useful to them.

- 1. Adaptation:** The students come with different levels of knowledge and experience, and the multi-module approach allows them to progress at their own pace.
- 2. Motivation:** Gamified elements and hands-on practices increase student motivation and interest, thereby enhancing long-term educational outcomes.
- 3. Deeper Understanding:** The integration of theory and practice enables students to answer not just "what" and "how," but also "why" types of questions.
- 4. Networking and Mentorship:** The upper levels provide opportunities for professional networking and knowledge transfer, fostering both individual and professional development.



ONLINE
MODULE

UNDERSTANDING-BASED KNOWLEDGE

The first module of the three-module program focuses on conveying the foundations of implantology. The on-line format is accessible and flexible, allowing students to learn at their convenience. Key concepts, techniques, and theories indispensable for further training and professional application are introduced.

Central to our basic training is the objective of deep and comprehensive understanding. This stage covers critical topics such as:

1. **Anatomy and Physiology:** Understanding not only the structure of oral cavities and jawbones but also how these affect implantation.
2. **Biomaterials:** We explore the fundamentals of materials science to better understand why certain materials are used in implants.

3. **Surgical Techniques:** Basic surgical procedures and techniques are covered to help students understand the processes involved.

4. **Diagnostics and Planning:** Beyond understanding imaging processes and treatment plans, we delve into the rationales behind choosing specific treatment strategies.

5. **Prosthodontics:** Understanding the use of crowns and abutments and how they integrate into the complex system.

6. **Osseointegration:** Understanding how a strong bond forms between the implant and the bone.

7. **Complications and Their Management:** A comprehensive understanding of how to prevent and manage potential problems.

8. **Hygiene and Postoperative Care:** We go beyond mere acknowledgment to deeply understand the importance and reasoning behind postoperative care.

9. **Validation and Quality Assurance:** We explore the logic and rationale behind the rules and guidelines in implantology.

Each topic is structured to provide not just knowledge but also a comprehensive understanding of the interrelations and deeper meanings, enabling students to make informed decisions and apply their knowledge effectively in the future.





CLASSROOM MODULE

STUDY CLUB AND HANDS-ON TRAINING PROGRAMS IN IMPLANTOLOGY

This curriculum focuses on four key practical areas in implantology: implant placement, impression-taking techniques, suture technology, and digital foundations. During the educational program, students not only master the techniques but also understand their underlying principles and interconnections.

The classroom curriculum provides comprehensive practical training, where students not only acquire fundamental skills but also comprehend their underlying logic and objectives. This equips them to safely and effectively apply these techniques in professional practice.

1. **Implant Placement:** In addition to hands-on demonstrations of the specific steps involved in implantation, the program aims for a comprehensive understanding of the anatomical and biomechanical aspects of the procedure.
2. **Impression-Taking Techniques:** Students are introduced to, and practice, essential techniques of impression-taking, while also grasping their importance in the context of implant planning and prosthodontic work.
3. **Suture Technology:** Beyond showcasing post-surgical suturing techniques, the objective is to elucidate how these techniques influence the healing process and the potential risk of complications.
4. **Digital Foundations:** By acquainting students with modern tools and software in implantology, the program emphasizes the role of digital technology in implant planning and treatment precision.





MENTORSHIP MODULE

MENTORED LEARNING PROGRAMS WITH BLENDED LEARNING APPROACHES

Blended learning combines traditional face-to-face instructional methods with online learning tools and techniques, providing students with a more personalized, flexible learning experience.

Mentorship: Mentors leverage their personal experience and expertise to guide students, offering support and guidance for a deeper understanding of dental implantology and career advancement.

Blended Learning: This approach allows students to acquire new knowledge at their own pace, space, and time, which they can then apply, practice, and deepen during face-to-face sessions.

In our program, a mentor serves not merely as a "knowledge source" but also as a "learning partner," aiding students in developing critical thinking skills and applying learned concepts in real-world, practical situations. This holistic approach deepens not just theoretical knowledge but also practical skills.



UNIQUE FEATURES OF AIM BLENDED LEARNING METHOD

The basic course is available not only online but also in a group setting. The program focuses on introducing fundamental theories and includes hands-on practical exercises.

1. **Personalized Learning Plan:** Each student collaborates with a mentor to develop an individualized learning plan that considers their personal goals, strengths, and weaknesses.
2. **Real-world Projects:** Students work on market-oriented projects, gaining practical experience in solving actual problems.
3. **Participation in Real Patient Care:** This hands-on, practice-oriented segment allows students to immediately apply theoretical knowledge in real-world settings, participating in complete surgical procedures from preparation to aftercare.
4. **Knowledge Base and Community:** An online platform facilitates the sharing of knowledge, questions, and results among students and mentors, through forums and chat groups.
5. **Continuous Feedback and Self-assessment:** The program incorporates regular feedback mechanisms from mentors, peers, and self-assessments.



The distinctiveness of AIM lies not only in individual components but also in their integrated, synergistic application.

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