

STRAUMANN® SMART IMPLANTOLOGY

IMMERSE TO SUCCEED IN IMPLANTOLOGY



STRAUMANN® SMART IMPLANTOLOGY THE EXCEPTIONAL OFFERING IN IMPLANT DENTISTRY **EDUCATION**



START TODAY AND UNLOCK YOUR POTENTIAL

Embark on a transformative journey in implant dentistry with our comprehensive curriculum that merges the strengths of two programs: Straumann® SMART implantology and the learning modules of the ITI Academy. This blended offering will empower you to excel in implant dentistry while applying the highest standards of patient care.

YOUR PATHWAY...

...to confidently placing implants and seamlessly implementing established protocols in your daily practice. Designed for patients with a missing single tooth in the posterior region, this curriculum emphasizes a straightforward, fixed implant restoration approach. The curriculum is divided into four treatment stages.

INTRODUCTORY MODULE

Establish a strong foundational understanding of implantology

STAGE 1: ASSESSMENT AND TREATMENT PLANNING

Master the art of effective patient evaluation and treatment planning

STAGE 2: SURGICAL PROCEDURES

Hone your surgical skills for precise implant placement

STAGE 3: PROSTHETIC PROCEDURES

Explore the intricacies of implant restoration and prosthetic components

STAGE 4: AFTERCARE AND MAINTENANCE

Ensure the long-term success of implant cases with comprehensive aftercare strategies

DETAILED COURSE DESCRIPTION

Notes: The duration times listed in this document are approximate. The composition of the offer may vary depending on the country. If you have any questions, please contact your local Straumann representative.

INTRODUCTION TO IMPLANTOLOGY (5 HRS)

GOAL: ESTABLISHING AN UNDERSTANDING OF IMPLANTOLOGY.

1. WELCOME (20 MIN)

Learn about the course structure, the resources available, the clinical experts behind the program, the structure of implant treatment, the ITI SAC (Straightforward, Advanced, Complex) Classification and the indications covered in the curriculum.

2. FOUNDATIONS OF IMPLANTOLOGY (2 HRS 26 MIN)

The history of implantology, Straumann's roots in implantology, the basic principles of implantology, and the key anatomical aspects to consider during implant treatment.

For this topic, you will have access to the following ITI Academy learning modules:

- Vinay V. Kumar: Biosafety in Dental Practice: General Principles
- Erik Andersen: Legal and Ethical Considerations in implant practice

3. INTRODUCTION TO THE STRAUMANN® DENTAL IMPLANT SYSTEM (2 HRS)

The system and its abutment connection, the Bone Control Design™ concept, implant surfaces and materials, and the importance of using original components.

STAGE 1: ASSESSMENT AND TREATMENT PLANNING (7 HRS 40 MIN)

GOAL: MASTERING THE ART OF EFFECTIVE PATIENT EVALUATION AND TREATMENT PLANNING.

STEP 1: PATIENT EXPECTATIONS, HISTORY AND EXAMINATION (2 HRS 50 MIN)

Learning goals: Successful implant treatment in a systematic approach. How to obtain a fully comprehensive patient history and to gather a profound knowledge of the patient's expectations and medical risk factors. How to conduct a thorough clinical and radiographic examination. How to formulate a provisional diagnosis and tentative treatment plan that addresses the patient's needs for a good clinical outcome.

For this topic, you will have access to the following ITI Academy learning modules:

- Vedrana Braut: Patient history (Anamnesis)
- Shakeel Shahdad: Site-specific clinical examination

STEP 2: SUCCESSFUL TREATMENT PLANNING (2 HRS 25 MIN)

Learning goals: How to properly plan treatments by contacting the patient's physician and by analyzing study models. Key aspects of radiographic planning and risk assessment. Visit planning and cost proposal.

For this topic, you will have access to the following ITI Academy learning modules:

- Tony Dawson: The SAC Classification, 2nd edition
- Hans-Peter Weber: Structured Assessment and treatment planning

STEP 3: CONSULTATION AND CONSENT (1 HR 35 MIN)

Learning goals: How to properly inform the patient about the treatment, post-operative care and medications. Risks and complications associated with dental implants. Obtaining the signed consent.

For this topic, you will have access to the following ITI Academy learning modules:

- Tony Dawson: The SAC Classification, 2nd edition
- Tony Dawson: Treatment options, prognosis and proposal

STEP 4: FABRICATION OF THE SURGICAL DRILL TEMPLATE (40 MIN)

The requirements and features of a surgical drill template and its fabrication.

STAGE 2: SURGICAL PROCEDURES (5 HRS 50 MIN)

GOAL: HONING YOUR SURGICAL SKILLS FOR PRECISE IMPLANT PLACEMENT.

STEP 1: IMPLANT SURGERY (4 HRS 20 MIN)

Learning goals: Knowing the instruments required for surgery and the necessary pre-operation preparations. How to conduct the intraoperative procedures, such as assessing bone quality, performing an appropriate incision, conducting the drilling procedure, and placing the implant in the correct three-dimensional position. How to guide the patient through postoperative aftercare, medication, and oral hygiene measures. How to handle possible complications intra- or postoperatively.

For this topic, will you have access to the following ITI Academy learning modules:

- Merete Aaboe: Flap design
- Simone Janner: Implant Osteotomies

STEP 2: POSTOPERATIVE REVIEW AND SUTURE REMOVAL (1 HR 30 MIN)

Learning goals: How to assess the healing site, recognize and treat compromised wound-healing situations, and know what to do in case of other post-operative complications.

For this topic, you will have access to the following ITI Academy learning modules:

- Merete Aaboe: Pre-and postoperative Care and Medication for Implant Surgery
- David Cochran: Tissue Integration of Dental Implants

STAGE 3: PROSTHETIC PROCEDURES (6 HRS 35 MIN)

GOAL: EXPLORING THE INTRICACIES OF IMPLANT RESTORATION AND PROSTHETIC COMPONENTS.

STEP 1: IMPRESSION-TAKING (3 HRS)

Learning goals: Decision process for closed or open tray impression-taking. Preparation of the tray. Positioning of the impression components for the specific implant type and execution of the impression-taking. Proper bite registration and color assessment. Transfer of the impression to the lab for master model production.

For this topic, you will have access to the following ITI Academy learning modules:

- Charlotte Stillwell: Occlusion on fixed dental prostheses
- Frank Higginbottom: Conventional implant impressions for fixed dental prostheses

STEP 2: FABRICATION OF THE FINAL PROSTHESIS (1 HR 5 MIN)

Learning goals: Understand which information must be provided to the dental technician together with the impression in order to obtain the desired final prosthesis. Know the recommended portfolio of prosthetic components and the laboratory processes required to fabricate the final prosthesis.

STEP 3: INSERTION OF THE FINAL PROSTHESIS (2 HRS 30 MIN)

Learning goals: Understand the advantages and disadvantages of cement-retained and screw-retained crowns. Know what to assess during the try-in procedure of the final restoration and what tightening torque to use with the final abutment and restoration. Understand and be able to follow the step-by-step procedure of restoring an implant with a cement-retained crown on a Straumann® Cementable Abutment and with a screw-retained crown, such as the Straumann® Variobase® for crown.

With access to the following ITI Academy modules:

- Charlotte Stillwell: Occlusion on fixed dental prostheses
- Eoin O'Sullivan: Protocol for fixed implant supported prostheses delivery

STAGE 4: AFTERCARE AND MAINTENANCE (3 HRS 50 MIN)

GOAL: ENSURING THE LONG-TERM SUCCESS OF IMPLANT CASES WITH COMPREHENSIVE AFTERCARE STRATEGIES.

STEP 1: REVIEW VISIT (2 HRS)

Learning goals: Examination and assessment of the condition of the crown, the implant, and the surrounding soft tissue. Assessment of the patient's oral hygiene compliance. Permanent closure of the screw access hole in screw-retained crowns and setting up individual recall intervals for the patient.

For this topic, you will have access to the following ITI Academy learning modules:

- Charlotte Stillwell: Occlusion on fixed dental prostheses
- Lisa Heitz-Mayfield: Managing biological complications

STEP 2: MAINTENANCE VISIT (1 HR 50 MIN)

Learning goals: Understand how to conduct routine assessments of the conditions of the implant, crown, soft tissue and bone levels around the implant. Learn how to do implant-specific clinical evaluation to diagnose healthy peri-implant tissues. Recognizing signs and symptoms of biological and technical complications and know how to manage them.

For this topic, you will have access to the following ITI Academy learning modules:

- Lisa Heitz-Mayfield: Managing biological complications
- Thomas Oates: Monitoring Peri-Implant Tissue Health

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