ITI

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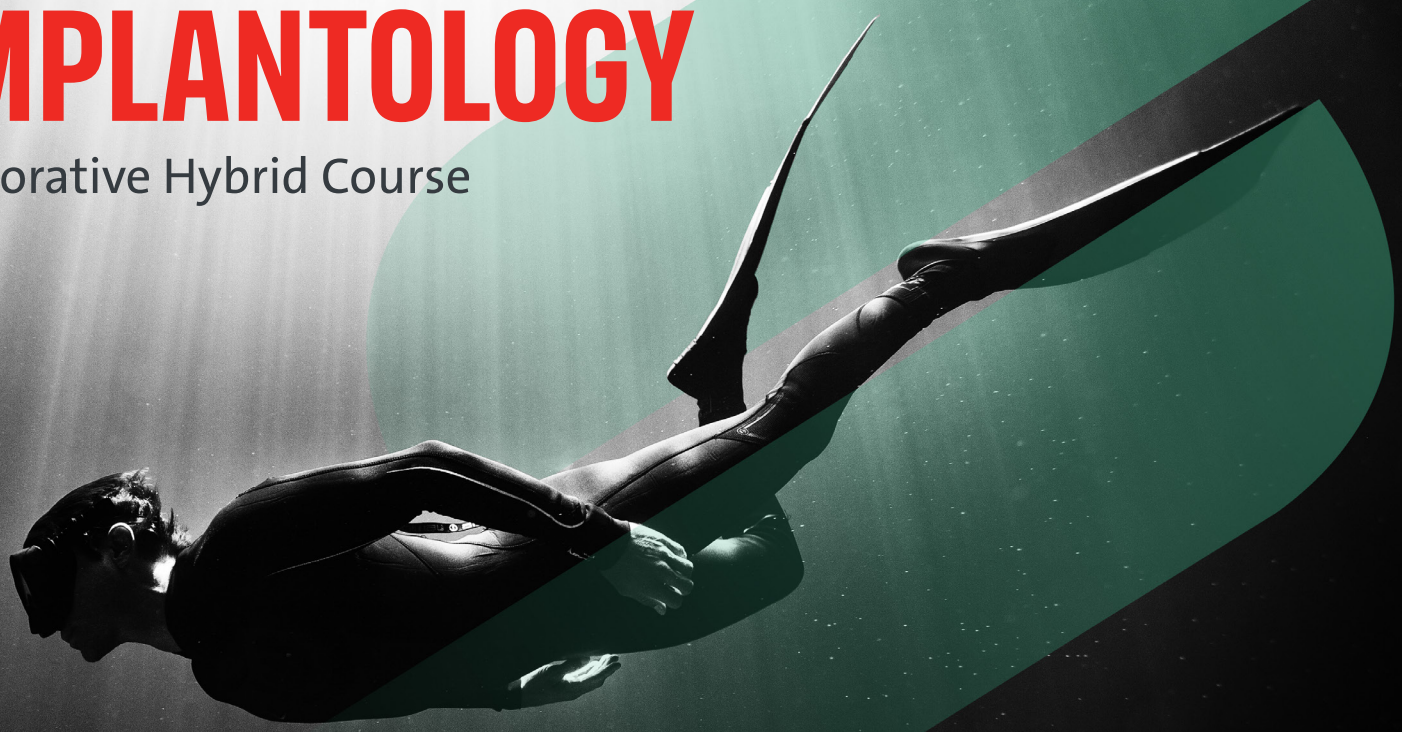
STRAUMANN® SMART IMPLANTOLOGY
ITI FOUNDATION CURRICULUM

IMMERSE TO SUCCEED IN IMPLANTOLOGY

Restorative Hybrid Course



STRAUMANN® SMART implantology

Curriculum

STRAUMANN® SMART IMPLANTOLOGY ITI FOUNDATION HYBRID COURSE RESTORATIVE

Program curriculum includes:
- Exclusive online education platform
- Classroom training hands-on presented by Dr Hossam El-Haddad

Course Outline

Discover the world of implant dentistry with Straumann® Smart Implantology and ITI Foundation curriculum.

This unique online program is a comprehensive and holistic solution specifically developed to enable dentists to successfully restore dental implants. Learn to assess, treatment plan and restore straightforward implant cases with confidence, and to carry out day-to-day implant monitoring and maintenance with the ITI internationally standardised curriculum.

Straumann® Smart Implantology in conjunction with ITI Foundation curriculum combines a solid theoretical basis in implant dentistry with technical product knowledge, preparing you for implant restoration, and its structured learning approach includes a one-day hands-on introduction to essential clinical skills.

ITI Certificate: Foundation Level

The ITI Curriculum will be awarded on completion of the hands-on session and passing the online exam. The education content is based on the evidence-based approach embodied in the ITI Philosophy and leads to the internationally recognised ITI Certificate: Foundation level.

Learning Objectives

- → Assessment and treatment planning
- → Surgical procedures
- → Restorative procedures
- → Aftercare and maintenance

International Team for Implantology

STRAUMANN® SMART implantology

EVENT DETAILS

Course Dates

Online content available from Monday 14 July, 2025

Classroom Hands-on Date

Thursday 4th June
Crown Conference Centre, Melbourne

Cost

$2,000 + gst
20% discount for ITI Members

CPD

40 CPD Points

Explore Curriculum

bit.ly/StraumannSMARTITI

Registration

bit.ly/SMARTImplantology2025

CLASSROOM SESSION MEET YOUR INSTRUCTOR

Dr. Hossam El-Haddad

BDS (Cairo), FRACDS, DClinDent (Melb), MRACDS (Pros)

Hossam graduated from Ain Shams University (Cairo, Egypt) in 2006, and worked in both public and private sectors before relocating to Australia in 2010. Hossam obtained a Fellowship of the Royal Australasian College of Dental Surgeons in 2015, and graduated with a Doctorate of Clinical Dentistry in Prosthodontics from the University of Melbourne in 2018.

Hossam now works at Prosthodontics Plus – a private specialist practice in Moonee Ponds. He enjoys ongoing involvement within the academic field as a lecturer and clinical supervisor at the University of Melbourne's dental school, where he is also the coordinator of the implant component for DDS students and the academic lead of CPD. In collaboration with Melbourne University and the International Team for Implantology (ITI), Hossam delivers CPD programs that educate general dental practitioners on prosthodontic topics.

He is an active member of the ITI, the Australian Dental Association (ADA) and the Australian Osseointegration Society (AOS). Hossam further serves as a committee member for the Australian Prosthodontic Society (APS), and is currently the Victorian representative within its Federal Committee.

International Team for Implantology

BECOME A MEMBER

For more than 30 years, Straumann has enjoyed a close and fruitful relationship with its independent scientific partner, the International Team for Implantology (ITI).

Join the ITI Global Community
iti.org/community/become-a-member

Online Training

Unique online education platform allowing dentists to update their knowledge 24/7.

Classroom Training

An onsite curriculum combining clinical education and practical product training tailored to the needs of starters.

Simple Product Portfolio

Focus on a limited number of key products to reduce complexity.

Lab Communication

Guidelines on when and what to coommunicate to the dental technician.

DISCOVER THE STRAUMANN® EDUCATION PROGRAM

straumanngroup.com.au/education

ITI FOUNDATION LEVEL CURRICULUM

This curriculum sets a globally recognized standard for implant dentistry education, catering to dentists new to the field. It provides a solid theoretical basis in implant dentistry, preparing you for implant-based restoration. Its structured learning approach includes a preclinical hands-on introduction to essential clinical skills:

COMPREHENSIVE THEORETICAL FOUNDATION

Acquire a robust theoretical understanding of implant dentistry.

CLINICAL PROFICIENCY

Develop the clinical and basic science knowledge necessary to assess, plan, and restore straightforward implant cases.

CASE COMPLEXITY EVALUATION

Learn to assess and classify cases, and how to differentiate between straightforward, advanced, and complex scenarios.

CERTIFICATION

Upon successful completion of each level, you will receive a globally recognized ITI Foundation Level Certificate.

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 (8 HRS)

GOAL: ESTABLISHING AN UNDERSTANDING OF IMPLANTOLOGY.

1. WELCOME (20 MIN)

Learn about the structure of the course, 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 (6 HRS)

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:

→ Stephen Chen: Role of implants in dentistry
→ Paul van Zyl: Implant-supported vs. conventional fixed dental prostheses – Comparison and Outcomes
→ David Cochran: Tissue integration of dental implants
→ Chistoph Hämmerle: Implant designs and characteristics
→ Eduardo R Lorenzana: Minimally traumatic extraction techniques
→ Nikos Mardas: Healing of the extraction socket
→ Aileen Bell: Flap closure
→ Merete Aaboe: Ridge preservation techniques.
→ Andreas Stavropoulos: Biological principles of bone grafting
→ Daniel S. Thoma: Transitional prostheses used during implant therapy
→ Stephen Chen: Loading Protocols
→ Steven Eckert: Selecting an implant system

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 (10 HRS 40MINS)

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

STEP 1: PATIENT EXPECTATIONS, HISTORY AND EXAMINATION (7 HRS)

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:

→ Jocelyne Feine: Patient social factors
→ Simon S. Jensen: Patient medical factors
→ Shakeel Shahdad: Patient dental factors
→ Stephen Barter: Pharmacology with relevance to dental implant therapy
→ Shakeel Shahdad: Site-specific clinical examination
→ Christopher DJ Evans: Prosthodontic planning principles for implant placement
→ Michael M. Bornstein: Introduction to radiographic assessment
→ Hans-Peter Weber: Structured assessment and treatment planning
→ Christiaan Vorster: Additional diagnostic investigations
→ William Martin: Implant-supported provisional prosthesis
→ Julia Wittneben: Abutment selection for fixed dental prostheses
→ Tony Dawson: Dental materials selection for fixed dental prostheses
→ Charlotte Stilwell: Design principles for FDPs

STEP 2: SUCCESSFUL TREATMENT PLANNING (2 HRS)

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

STEP 3: CONSULTATION AND CONSENT (1 HR)

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 Downson: 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 (4 HR)

GOAL: UNDERSTAND THE SURGICAL PROCEDURES INVOLVED IN IMPLANT PLACEMENT.

STEP 1: IMPLANT SURGERY (3 HRS)

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

Touch Surgery App: This mobile app enables clinicians to train specific treatment workflows interactively before actually treating patients.

STEP 2: POSTOPERATIVE REVIEW AND SUTURE REMOVAL (45 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.

STAGE 3: PROSTHETIC PROCEDURES (7 HRS)

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:
→ Wiebe Derksen: Digital implant impression
→ Frank Higginbottom: Conventional implant impressions for fixed dental prostheses

STEP 2: FABRICATION OF THE FINAL PROSTHESIS (1 HR 30 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)

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 protheses delivery

STAGE 4: AFTERCARE AND MAINTENANCE (4 HRS)

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

STEP 1: REVIEW VISIT (3 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:
→ Alvin Yeo: Implant and prosthesis survival and success
→ Thomas Oates: Monitoring peri-implant tissue health
→ Lisa Heitz-Mayfield: Managing biological complications
→ Thomas Taylor: Principles of managing hardware complications associated with fixed dental prostheses

STEP 2: MAINTENANCE VISIT (1 HR)

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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