



ITI
CURRICULUM
Setting the standard.

Boost Your Implant Dentistry Career!

**Join the two-level education program
that sets the international standard.**

Whether you are an undergraduate, postgraduate, general practitioner, specialist or dental hygienist and are looking to get ahead in implant dentistry, we have the program for you.

What is the ITI Curriculum?



E-learning



On-site course formats



Hands-on training



Mentoring and patient treatment

The ITI Curriculum is the universally standardized education program for dentists who want to make or extend their career in implant dentistry. In a structured learning approach, the Foundation level provides a broad theoretical base in implant dentistry. The Intermediate level then builds on this knowledge to introduce clinical implementation and first-hand experience of treating patients.



At every stage of your career:

- Undergraduate
- Postgraduate
- General practitioner
- Specialist
- Dental hygienist



What's in it for you:

- Flexible learning
- Access to comprehensive evidence-based education content
- International standard
- CME/CPD hours
- Globally acknowledged ITI Certificate

**“The ITI Curriculum, as a blended learning program,
is flexible. Parts of it can be taken online,
but it can also be incorporated completely
into a face-to-face course format.”**

Charlotte Stilwell, ITI President

Progress Your Career from Level to Level

Foundation level

- **From Home at your own pace**

- **Or on-site** course with a Curriculum Provider (University or Education Institute)

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- For undergraduates, postgraduates, general practitioners, hygienists

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- Broad theoretical base in implant dentistry
 - Restore single ITI SAC Straightforward cases
 - Provide implant therapy support

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- Direct access

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- Structured theoretical syllabus
 - Case-based learning
 - Hands-on practical training

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- Online exam

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- ITI Certificate in Implant Dentistry – Foundation level

Intermediate level

- **On-site** course with a Curriculum Provider (University and Education Institute)

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- For undergraduates, postgraduates, general practitioners

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- Knowledge of surgical placement of ITI SAC Straightforward cases and live patient treatment

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- Access via Foundation level or online entry exam equivalent to Foundation level

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- Structured theoretical syllabus
 - Hands-on practical training
 - Surgical simulation
 - Live treatment of 4 patients

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- Online exam

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- ITI Certificate in Implant Dentistry – Intermediate level



ITI Curriculum Foundation Level From Home

A broad theoretical base in implant dentistry

**All learning modules 100% online and complemented
by a practical hands-on program**

Learning outcomes:

The knowledge and clinical skills required to assess, treatment plan and restore straightforward implant cases as well as provide day-to-day implant monitoring and maintenance.

- Core theoretical knowledge across implant dentistry
- Ability to assess prospective patients and identify straightforward cases according to the SAC classification
- Ability to restore straightforward, single-tooth spaces
- Knowledge of peri-implant tissue health and implant prosthesis maintenance
- Ability to manage simple complications

Examination and certification

ITI Certificate in Implant Dentistry:
Foundation level

**Register
now and
take your
first lesson
today!**



Hands-on program

A basic introduction to implant dentistry

The theoretical part of the ITI Curriculum Foundation level is supplemented by a practical face-to-face component:

- Practical clinical skills involved in routine monitoring of existing implants
- Assessment, treatment planning and restoration of SAC straightforward patient cases



Dedicated video content

Hands-on exercises are supported by dedicated teaching videos.



Locations

Hands-on programs are organized by your local ITI Section. Participants should reach out to their local ITI Section.



Learn from experts

The hands-on program is run by an experienced ITI Fellow in line with the ITI philosophy of evidence-based treatment protocols and patient-centered outcomes.



Timing

The hands-on program takes only one day and can be arranged by your local ITI Section.



ITI Curriculum Foundation Level with an ITI Curriculum Provider

A broad theoretical base in implant dentistry

Find your
course!



**Conducted by an ITI Curriculum Provider (University and Education Institute)
including hands-on program**

Learning outcomes:

The knowledge and clinical skills required to assess, treatment plan and restore straightforward implant cases as well as provide day-to-day implant monitoring and maintenance.

- Core theoretical knowledge across implant dentistry
- Ability to assess prospective patients and identify straightforward cases according to the SAC classification
- Ability to restore straightforward, single-tooth spaces
- Knowledge of peri-implant tissue health and implant prosthesis maintenance
- Ability to manage simple complications

Examination and certification

ITI Certificate in Implant Dentistry:
Foundation level

Foundation Level Learning Modules

Introduction to Implant Dentistry

- The Role of Implants in Dentistry
- Implant-Supported vs. Conventional Fixed Dental Prostheses – Comparison and Outcomes
- Tissue Integration of Dental Implants
- Implant Designs and Characteristics
- Loading Protocols
- Healing of the Extraction Socket
- Pharmacology with Relevance to Dental Implant Therapy

Practicing Implant Dentistry & Self-Directed Learning

- Selecting an Implant System

Structured Assessment & Treatment Planning

- Structured Assessment and Treatment Planning
- Patient Social Factors
- Patient Medical Factors
- Patient Dental Factors
- Site-Specific Clinical Examination
- Basics of Radiographic Assessment in Implant Dentistry
- Additional Diagnostic Investigations
- The SAC Classification
- Treatment Options, Prognosis and Proposal

Prosthodontic Planning & Procedures

- Prosthodontic Planning Principles for Implant Placement
- Digital Implant Impression
- Transitional Prostheses Used During Implant Therapy
- Implant-Supported Provisional Implant Prostheses
- Conventional Implant Impressions for Fixed Dental Prostheses
- Abutment Selection for Fixed Dental Prostheses
- Dental Material Selection for Fixed Dental Prostheses
- Occlusion on Fixed Dental Prostheses
- Design Principles for Fixed Dental Prostheses
- Protocol for Fixed Implant-Supported Prostheses Delivery

Surgical Planning & Procedures

- Flap Closure
- Minimally Traumatic Extraction Techniques
- Principles of Ridge Preservation
- Biological Principles of Bone Grafting

Treatment Outcomes & Continuing Care

- Implant and Prosthesis Survival and Success
- Monitoring Peri-Implant Tissue Health
- Managing Biological Complications
- Principles of Managing Hardware Complications Associated with Fixed Dental Prostheses



Hands-on program

Routine monitoring

- Assessment and maintenance of implants and their prostheses
- Refitting of cement-retained implant prostheses
- Retrieval of implant prostheses
- Healing abutment management

Restoration

- Conventional implant impressions
- Abutment selection
- Occlusal registration
- Fitting screw-retained implant prostheses



20 CME/CPD hours available

(number of hours determined by provider institution)



International Team
for Implantology

Hands-on Program and Learning Outcomes

Patient assessment (case-based group exercises)

- Classify cases according to SAC classification

Conventional implant impressions for fixed dental prosthesis (open and closed techniques)

- Identify relevant clinical factors for selecting impression technique
- Select suitable impression component (direct vs. indirect)
- Select corresponding technique (open vs. closed impression tray)

Abutment selection for fixed dental prosthesis

- Demonstrate the prosthodontically driven process that guides abutment selection
- Identify relevant clinical factors that influence selection for each demonstration site
- Explain each abutment choice

Refitting an existing cement-retained fixed dental prosthesis

- Describe the steps in refitting a cement-retained implant prosthesis
- Demonstrate the clinical techniques associated with the refitting

Retrieval of fixed implant dental prosthesis

- Establish access to abutment screw
- Loosen and remove abutment screw

Healing abutment care

- Describe the ideal relationship between healing abutment and peri-implant mucosa
- Critique an existing healing abutment
- Select replacement based on implant type and factors that guide selection

Bite registration for fixed dental prosthesis

- Identify the existing occlusal stops in static occlusion
- Adapt the bite registration aids as required
- Take and confirm accuracy of a bite registration

Protocol for fitting a screw-retained fixed dental prosthesis

- Describe a step-by-step protocol for fitting screw-retained prosthesis
- Demonstrate the clinical techniques associated with the protocol

Routine assessment and maintenance of fixed dental prosthesis

- Outline a routine protocol for assessment and maintenance
- Check prosthesis retention, integrity and occlusal scheme
- Check peri-implant mucosal health
- Recognize biological complications and need for radiograph



ITI Curriculum Intermediate Level

Focus on surgical placement and live patient treatment

Find your
course!



Conducted by an ITI Curriculum Provider (University and Education Institute), including surgical simulations, hands-on exercises and mentored patient cases

Learning outcomes:

Application of the knowledge gained at Foundation level in the treatment of straightforward patient cases. In detail:

- Assessment, planning and performance of surgeries and prosthodontic treatments
- Practical expertise in cases that are Straightforward and minimally Advanced according to the SAC classification

Examination and certification

ITI Certificate in Implant Dentistry:

Intermediate level

Intermediate Level Learning Modules

Introduction to Implant Dentistry

- Timing of Implant Placement
- General Risk Factors and Contraindications for Implant Therapy

Prosthodontic Planning & Procedures

- Radiographic and Surgical Templates
- Principles of Computer-Aided Implant Planning
- Esthetic Planning for Implant-Supported Fixed Dental Prosthesis

Surgical Planning & Procedures

- Pre- and Post-Operative Medications for Implant Surgery
- Oral Anesthesia and Anxiety Control for Implant Surgery
- Anatomy Related to Implant Surgery – Maxilla (working title)
- Anatomy Related to Implant Surgery – Mandible (working title)
- Flap Design
- Suturing Materials and Techniques
- Flap Closure
- Surgical Assessment of the Implant Site
- Implant Osteotomies
- Surgical Complications and Management
- Principles for the Management of Peri-Implant Defects
- Principles of Guided Bone Regeneration
- Periosteal Releasing Incision (PRI)

Treatment Outcomes & Continuing Care

- Principles of Evaluating Esthetic Outcomes
- Lecture topics about Continuing Care such as Maintenance Care and Managing Complications



Hands-on program

- Digital planning including CBCT and fabrication of surgical templates
- Surgical training including simulations with Touch Surgery as well as flap and drilling exercises
- Prosthodontic training including workshop on digital implant impressions
- Maintenance of peri-implant tissues including exercises on models for maintenance, and surgical management of peri-implantitis



Patient treatment

- Case work-up including group discussions
- Live treatment on-site or under mentored clinical supervision
- Submission of four completed cases



12 CME/CPD hours available

(number of hours determined by provider institution)



International Team
for Implantology

About the ITI

The ITI is a global association of professionals in implant dentistry. With our more than **23,000 Fellows and Members** around the world, our purpose is “to engage and inspire the global dental profession to strive for excellence in implant dentistry for the benefit of the patient”. We serve the profession by fostering learning, networking, discussion and exchange. Since 1980, we have provided **comprehensive, quality education** in implant dentistry and supported and facilitated **cutting-edge research** in this field.

We support the premise of scientifically documented treatment guidelines combined with treatment approaches that meet the highest clinical standards for predictable, long-term stable treatment outcomes.

Our growing number of national and regional Sections ensures the exchange of expertise and know-how via a modern, quality-conscious and efficient network.

ITI International Team for Implantology

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