



VERGOULLIS

DENTAL INSTITUTE

6th - 10th November 2023

Rhodes island

5 Days Residency
ON COMPREHENSIVE IMPLANTOLOGY





Dental Implantology

Why did we decide to offer this course?

Completing a specialty in Periodontics & Implant Surgery in USA, I thought that my role in implantology was the one of a surgeon that needs to know how to place implants and augment hard and soft tissue. Unfortunately, it was my understanding that the restorative and laboratory part of implant therapy is not within my field and that I should not be involved with it in any way.

After practicing for almost 20 years implantology and dealing with numerous complications, I have understood that in order for implant therapy to be successful on long term, an implantologist needs to know and understand the biologic, the technical and the engineering principles involved in every step of treatment.

Moreover, through my daily interaction with patients it is evident to me that the patients require on our behalf high standards of treatment in the most simple, effective and painless manner. Thus, it is not about performing complex surgeries, but instead utilise minimally invasive, predictable surgical approaches that lead to aesthetic, functional and long lasting results.

Thus, 20 years later, after more than 11,000 implants placed on thousands of patients, countless CE courses, tons of hours in dental labs, many years of teaching and interaction with the best doctors in the field, I decided to put together this course.

What is the goal of this course?

The goal of this course is to educate the participants on all the basic biologic and engineering principles, which concern the surgical, restorative and laboratory part of treatment, that are key for success.

Complications will be presented and all the key elements on how to avoid them, or deal with them effectively, is thoroughly analysed.

Moreover, all the participants will be taught, through lecturing and hands-on practicing, the most simple techniques that can give them predictable results; techniques concerning soft and hard tissue augmentation, impression, prosthesis design and more. As I have practiced almost every technique available, I came to realise that mastering some selected techniques was all I needed in order to cover the needs of all of my cases.

Finally, we have also included in this course a session concerning treatment planing and proper presentation of the plan to the patient. This is a greatly unappreciated topic that dentists are not taught in their basic dental training.



How is this course different to other courses?

The course is limited to only 6 participants as this is the only way that I can have the time to thoroughly teach, each and every one of you, all the different steps involved in implant therapy.

My goal is for every one of you to feel comfortable applying the knowledge I will pass to you on your every day practice immediately. This can only be achieved through our chosen route of teaching which basically is: I show you how to do it and now you do it under my supervision.

I hope to see you and meet you in person soon,

Ioannis.

Ioannis Vergoullis, DDS, MS
 Diplomate American Board of Periodontology and ICOI
 Visit. Assistant professor, Periodontics, Louisiana State University, USA
 Director, Vergoullis Dental Institute

Outline



Day 1

Single Implants

*Understand the biologic principles of implantology
and how they apply in daily routine.*

Case Selection & Treatment planning: Not every patient is a good candidate for implants, we will teach you how to identify patients in high risk for complications during surgery and long term. Moreover, we will show you how to properly assess the cost of treatment and present your treatment plan to the patient in a manner that will increase your percentages for case acceptance and payment collection.

Implant Selection: We will teach you how to properly evaluate the macro and micro design of implants, the prosthetic features, surface type they carry and how to select the best implant for your needs.

Flap Management: We will teach you proper flap design, reflection and management for every different clinical scenario.

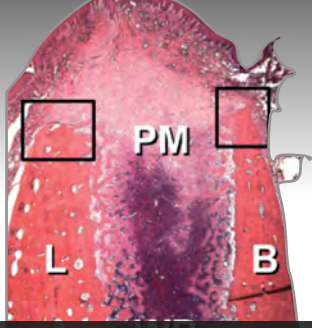
Osteotomy preparation: The ideal osteotomy preparation is: implant type, bone type and loading protocol depended. We will teach you the basic protocols of osteotomy preparation for avoiding complications and increasing the predictability of your results.

Implant 4D position: The foundation for implant long term stability and aesthetic score is the ideal 4D implant position. Once we teach you how to identify this ideal position in different sites of the mouth then this will become a routine process for you.

Surgical guide design: At the end of the day implant placement is a brain guided procedure. However, partial edentulism often requires the assistance of a guide. We will teach you how to properly design a guide that respects both prosthetic and surgical principles.

Suturing techniques: There are many different suturing techniques, but you only need to master a couple of them in order to provide good flap adaptation and avoid early wound dehiscence. We will teach you what you really need.

Complications: We will show you how to avoid major complications during surgery and if they develop then how to manage them effectively.



Extraction

Socket

Day 2

procedures

Understand the biologic principles of extraction socket healing and how to use biology in your favour.

Socket classification & grafting: This is a process every dentist should feel comfortable doing. Not all sockets though are the same. Socket type and local anatomical landmarks dictate the need or not for socket grafting along with ideal protocol of application. We will teach you the decision process along with the basic techniques that will cover all of your cases.

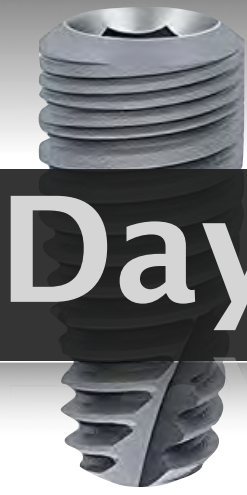
Materials selection: We will teach you how to properly evaluate the properties of bone grafting materials and membranes and help you identify what suits best your needs for every particular case.

Socket sealing: There are many techniques that can be used in order to seal the socket; which works best? We will show you what research dictates.

Immediate placement in anterior sites: Identify the right cases and adopt a protocol that can give you consistent results.

Immediate placement in posterior sites: Identify the favourable cases and adopt a protocol that can give you consistent results.

Hands-on: - Socket graft, - Immediate implant placement



Day 3

Full Arch Cases

Understand the biologic and engineering principles of edentulous cases.

Case Selection: We will teach you how to easily identify the cases that should receive fixed, or removable implant supra-structures.

Different type of prosthesis / design selection: The different solutions for rehabilitation of fully edentulous arches will be thoroughly explained, along with their advantages and disadvantages.

Number of implants: Every case is different and requires a different number of implants; However, if you know the basic parameters that can affect the outcome of treatment then you can decide what is the best solution for each case.

Distribution of implants: Choosing the right location for the implants in a full arch case, can be proven a key for avoiding biologic and mechanical complications.

Full arch recordings: We will teach you an impression-less technique (Tripod technique) that we have been successfully utilising for more than 13 years with predictable results for full arch cases restored with immediate loading protocols.

Intra-operative complications: As with any surgical procedure, intra-operative complications of different types and severity can arise. We will teach you how to avoid them and if needed how to comfortably deal with them.

Post-operative complications: Unfortunately, even if everything is done right, there will be a few cases over the years that will present with post-op complications. This is the time to show that you are an expert and can deal with them confidently. It is simple but somebody has to teach you how to do it.

Hands-on: - Full arch implant placement and Tripod recording technique



plastic

Implant

Day4a

Surgery

Understand the soft tissue phenotype. How much tissue do we need and how can we augment it easily and predictably?

Soft tissue grafting: We will teach you how to easily and safely harvest a Connective Tissue Graft (CTG) and a Free Gingival Graft (FGG), avoiding intra-operative complications. This a necessary process for your every day practice.

Flap Management: We will teach you proper flap design for easy and effective soft tissue augmentation with CTG or FGG.

Understand soft tissue cervical & emergence profile; How can we easily and predictably deliver an anatomical soft tissue topography in every case?

Emergence profile development: We will teach you how to create an anatomical soft tissue profile for your cases and minimise the risk for future peri-implantitis development.

Emergence profile recording: Taking an accurate impression is fundamental in order to avoid problems with proper prosthesis design and fit. If you follow the simple steps we will teach you, then this will become a routine process for you.

Understand the principles of the implant supra-crestal complex and how they apply on final prosthesis design, fabrication, delivery & maintenance.

Final Prosthesis design: We will teach you everything about the different zones of the prosthesis; emergence angles, emergence shapes, prosthetic materials, all of the above are important parameters that can make the difference between long term success and failure.

Maintenance: How often have you heard about implant maintenance in a course? Not every toothpaste is suitable for implants. Different patients, different prosthesis designs, etc are all important factors to be considered with regards to personal and professional maintenance protocols. We will guide you through and provide you with a solid plan.

Hands-on: - CTG and FGG harvesting, - Recipient site preparation and Graft placement, - Fabrication of anatomical healers, - Single implant impression technique



Day 4b

Bone Augmentation procedures

Understand the hard tissue volume, quality and function; How much do we need and how can we augment easily and predictably?

Hard tissue augmentation: Building the foundation for your implant is of paramount importance; we will show you how to classify the bony defects and choose the most suitable regenerative technique.

Flap Management: We will teach you proper flap design, adequate reflection and management for every different augmentation procedure.

Materials selection: We will teach you how to properly evaluate the properties of bone grafting materials and membranes and help you identify what suits best your needs for every case.

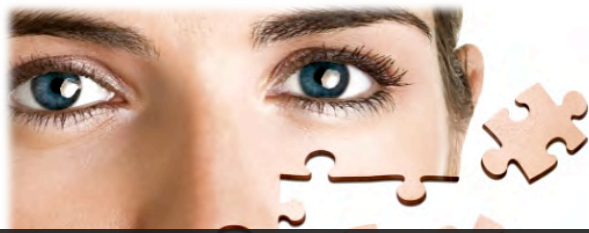
Augmentation techniques for contained defects: There are many techniques that can be used in order to augment the hard tissue. We will teach you the one that is the simplest, is equally effective and least traumatic for your patient.

Augmentation techniques for non contained defects: There are many techniques that can be used in order to augment the hard tissue. We will teach you the one that is the simplest, is equally effective and least traumatic for your patient.

Augmentation techniques with simultaneous implant placement: You need to know when implants can be placed simultaneously with bone augmentation in order to minimise the risk for complications/failures. We will teach you just that, along with a simple and effective protocol that will be defect type/size depended.

Suturing techniques: There are many different suturing techniques, but you only need to master a couple of them in order to provide good flap adaptation and avoid early wound dehiscence. We will teach you what you really need.

Hands-on: - GBR, -PBR.



Day 5

Sinus Graft

Understand the physiology, the function and the pathology of the maxillary Sinus in order to predictably perform a sinus lift without complications

Case Selection: Not every patient is a good candidate for sinus graft. We will teach you on how to properly select your case and choose the most suitable technique.

Timing of operation Selection: Do you know that not every season of the year is a good time to perform a sinus lift? Patient's medical history might dictate the right time for performing the operation with minor risks. It is simple but you need to know the when and why.

Materials selection: Although there is a great belief that any regenerative material works in the sinus, the reality is that choosing the right materials can have a profound effect on healing time and post-operative complications. We will show you the right direction for success.

Lateral wall sinus lift: We will teach you how to perform the fundamental technique for sinus lift; this is the only procedure that can be used to treat complications so if you lift then you need to know how to do a Caldwell look procedure.

Crestal sinus lift: This is a technique that has greatly evolved over the past few years. However, it cannot be done always. Identifying the ideal case is critical if you want to practice on a high level. We will teach you the when, why and how.

Intra-operative complications: As with any surgical procedure, intra-operative complications of different types and severity can arise. We will teach you how to avoid them and if needed how to comfortably deal with them.

Post-operative complications: Unfortunately, even if everything is done right, there will be a few cases over the years that will present with post-op complications. This is the time to show that you are an expert and can deal with them confidently. It is simple, but somebody has to teach you how to do it.

Hands-on: - Lateral Wall Sinus Lift, - Crestal Sinus Lift



Dr Ioannis Vergoullis curriculum

Vergoullis Dental Institute

is led by Dr. Ioannis Vergoullis.

Dr. Vergoullis received his dental degree (D.D.S.) from the University of Athens School of Dentistry in 1999.

He completed his certification training in Periodontics and Implant Surgery at the Louisiana State University Health Sciences Center School of Dentistry in 2005.

Dr. Vergoullis also received his Masters Degree of Science in Oral Biology (M.S.) from the Louisiana State University Health Science Center, School of Graduate Studies, New Orleans, U.S.A in 2005.

Dr. Vergoullis is a Diplomate of the American Board of Periodontology and a Fellow and Diplomate of the International College of Oral Implantology (ICOI).

Dr. Vergoullis has received national and international acclaim through his numerous lectures, presentations and hands-on courses on his innovative techniques and knowledge for various professional societies around the world.

Dr. Vergoullis is the co-inventor of the Cervico System and holds twenty-two patents in the field of dental implantology.

Dr. Vergoullis is also a Visiting Clinical Assistant Professor at the Louisiana State University, School of Dentistry, Department of Periodontics, New Orleans, U.S.A.



Course Timetable

Monday 6/11/23:

9:00 - 11:00: Lecturing

11:00 - 11:30: Coffee break

11:30 - 12:00: Lecture - Discussion

12:00 - 13:00: Live surgery

13:00 - 14:30: Lunch break

14:30 - 17:30: Hands-on

Tuesday 7/11/23:

9:00 - 10:00: Lecturing

10:00 - 11:00: Live surgery

11:00 - 11:30: coffee break

11:30 - 12:15: Hands-on

12:15- 13:15: Live surgery

13:30 - 15:00: Lunch break

15:00 - 17:30: Hands-on

Wednesday 8/11/23:

9:00 - 10:30: Lecturing

10:30 - 11:00: Coffee break

11:00 - 14:00: Live surgery

14:00 - 15:00: Lunch break

15:00 - 17:00: Hands-on

Thursday 9/11/23:

9:00 - 10:00: Lecturing

10:00 - 10:30: Coffee break

10:30 - 12:00: Hands-on

12:00 - 13:00: Live surgery

13:00 - 14:00: Lunch break

14:00 - 15:00: Lecturing

15:00 - 17:30 Hands-on

Friday 10/11/23:

9:00 - 11:30: Lecturing

11:30 - 12:00: Coffee break

12:00 - 13:30: Live surgery

13:30 - 15:00: Lunch break

15:00 - 17:30: Hands-on

20:30: Graduation Dinner & Certificate ceremony

Our Sponsors



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I would like to thank our Gold sponsor, Ariston Dental, for providing most of the materials being used on this course.

I would also like to thank VP Innovato Holdings for supporting our course by providing the CERVICO premium kits and Devemed Instruments for providing the surgical tools being used in our course.



VP INNOVATO HOLDINGS

I need to clarify that I only show materials to my colleagues that I have personally, extensively, tested in my clinic and they have proven their predictability and efficiency in time.



I never recommend a material that I do not personally use routinely on my patients.

This is the reason that we have limited the companies providing sponsorship.



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**Course
Cost**

3,000 €

Ariston Dental returns

1.000 €

in Paltop products to each participant

To make your registration, please contact Ariston Dental:

Tel.: (0030) 2108030341

Email: info@aristondental.com

In case you need assistance with your traveling and accommodation, we will be happy to help you and guide you through. Rhodes island is one of the most beautiful Greek islands that combines history, warm weather, extraordinary beautiful beaches and high level resorts. Thus, it is a unique destination and you should take advantage of combining professional and personal activities.



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For accommodation & travelling information:

Melina Efthimiou | Course coordinator

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Feel free to contact us for assistance with travel & accomondation arrangements.

Useful links: www.rhodes.gr www.rhodesguide.com