JUNE 2-4 2016

International symposium

In Barcelona - Spain

Digital Implantology:
ISSUES, LIMITS AND PERSPECTIVES

www.symposium-etk.com
SUMMARY

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POSTERS COMPETITION

For its International Symposium and in the context of its Continuum technology program with universities, etk organizes a posters competition on the topic of “Innovations in implantology”.

All posters will be subject to a first panel of academics and those who have been selected will be exhibited during the three days of the symposium in a large display area dedicated to this purpose.

Among all these selected posters, the 4 most acclaimed by participants will be presented by their authors as a short communication at the 2016 Symposium. You will be informed of this selection two months before the conference.

To participate and send your poster, please visit our website www.symposium-etk.com

The etk symposium will take place at COEC - Col·legi Oficial d’Odontolegs i Estomatolegs de Catalunya. Ideally located in the heart of Barcelona, the COEC offers an unique setting perfectly suited to organizing large-scale events. One of the main functions of COEC is to promote dental health, as well as ongoing training to all their members.
In a time when digital technology invades our daily lives, we dental professionals find ourselves faced with numerous developments that affect our implant protocols, in part or even entirely.

What are the current and future applications of these technologies, and what do they bring to the quality and reliability of treatments? How do they impact implant protocols? How should they be integrated into the practice? These are essential questions in a number of practices and laboratories.

But there is another, equally important question, which we never raise, even though it constitutes a major issue in implantology: will these digital technologies one day make implantology more accessible to our patients? Because if it is possible to continually improve our treatment plans by relying heavily on technology and investment, our services will only become more expensive, and will not attract the 80% of edentulous patients who currently do not have access to implantology.

This symposium offers you a chance to decode the complex universe of new technologies through the prism of an organization that aims for accessibility. Beyond technological prowess and marketing promises, etik invites you to a synthetic and didactic presentation based on the most recent research and publications illustrated by concrete demonstrations like a live surgery, or interactive workshops for you to familiarize yourself with digital impressions and the protocols associated with digital technology.

Pr Emmanuel Nicolas
Scientific Director
Session Manager

Pr Lluis Giner
Guest of honour

The Clermont-Ferrand Odontology University has undertaken various collaborative studies with etik, through its dynamism and advances in digital technology, aimed at validation of the dematerialisation of various stages of the implant protocols. It has made a significant contribution to creating the programme for this symposium and its work is evidence of the importance of synergy between universities and manufacturers to achieve steady progress in implant practice.

The symposium has been sponsored by Professor Lluís Giner (Dean of the International University of Catalonia) through the historic role he played in 2004 during the industrialisation phase of etik, with the conduct of various investigative studies concerning the quality of surface states and imperviousness of the implant connections and assemblies.
# Scientific Program

## Thursday 2 June 2016

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<th>Time</th>
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<tr>
<td>From 11:30 AM</td>
<td>WELCOMING: Distribution of badges and cases</td>
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<tr>
<td>12:30 AM - 2:00 PM</td>
<td>LUNCH</td>
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<td>2:00 PM - 2:45 PM</td>
<td>SYMPOSIUM OPENING</td>
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<tr>
<td>2:45 PM - 3:45 PM</td>
<td>CONFERENCE: The new concept of the physio® Profile Designer: retrospective, recommended indications and limits Dr Gian Marco Morello</td>
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<td>3:45 PM - 4:00 PM</td>
<td>POSTER PRESENTATION</td>
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<td>4:00 PM - 4:30 PM</td>
<td>BREAK</td>
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<tr>
<td>4:30 PM - 6:00 PM</td>
<td>CONFERENCE: Can an aesthetic single unit restoration on implant be done by cad cam? The dentist and dental technician’s approach for success Mr Benoit Gobert Dr Ariel Manuel Quintana López</td>
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## Friday 3 June 2016

<table>
<thead>
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<tr>
<td>9:00 AM - 10:00 AM</td>
<td>CONFERENCE: Three year follow-up of post extraction implants Dr Rafael Gomez Font</td>
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<td>10:00 AM - 11:00 AM</td>
<td>CONFERENCE: Is the future 100% digital? A simple solution for creating and immediately loading a bridge in one day (ALL<em>BAR® system) - step by step protocol, follow up, and results of the ALL</em>BAR® system Dr Cédric Huard</td>
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<tr>
<td>11:00 AM - 11:30 AM</td>
<td>BREAK</td>
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<td>11:30 AM - 12:00 AM</td>
<td>CONFERENCE: Maintenance 2.0 to prevent peri-implantitis Dr Michael Betito Dr Daniel Hattab</td>
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<td>12:00 AM - 13:00 PM</td>
<td>CONFERENCE: Virtual digital dentistry. A comprehensive approach to the digital workflow Dr Michele Rossini</td>
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<td>13:00 PM - 2:00 PM</td>
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<td>2:00 PM - 3:00 PM</td>
<td>CONFERENCE: Digital management of the emergence profile: the last missing link in a compact and integrated digital chain Pr Pascal Auroy Pr Jean-Luc Veyrune</td>
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<tr>
<td>3:00 PM - 4:30 PM</td>
<td>LIVE CLINICAL CASE: Digital management of the post-operative steps for the installation of a crown screwed onto the implant. Demonstration of a compact and simplified protocol based on physio® - LYRA solution Dr Ariel Manuel Quintana López</td>
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<td>4:30 PM - 5:00 PM</td>
<td>BREAK</td>
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<td>POSTER PRESENTATION</td>
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<td>5:15 PM - 6:15 PM</td>
<td>CONFERENCE: The latest innovations in immediate implementation for partially or completely edentulous patients, digital contribution Dr Hervé Berdugo</td>
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## Saturday 4 June 2016

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<td>10:00 AM - 11:00 AM</td>
<td>CONFERENCE: The digital contribution to large-scale rehabilitation: managing the practitioner-prosthetist-digital camera collaboration Dr Franck Zerah</td>
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<td>11:00 AM - 11:15 AM</td>
<td>POSTER PRESENTATION</td>
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<td>11:15 AM - 11:30 AM</td>
<td>POSTER PRESENTATION</td>
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<td>11:30 AM - 12:30 AM</td>
<td>CONFERENCE: Materials selection for prosthesis on implants. Dental technician’s point of view Mr Luca Vailati</td>
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<td>12:30 AM - 12:45 AM</td>
<td>Conclusion and symposium closing Pr Emmanuel Nicolas</td>
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<tr>
<td>12:45 AM - 2:30 PM</td>
<td>CLOSING LUNCH</td>
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All of the lectures will be interpreted simultaneously into French, English and Spanish.
Dr Gian Marco Morello
Italy
Surgical Dentist diploma with honors at the University of Turin • Dentist Officer and intern at the hospital of the Italian Military Marines in La Spezia • Advanced Periodontology diploma, (University of Turin) • Attended Dental Prosthetics classes at the Turin Dental School (Professor S. Carossa) • Contract professor teaching Partial Fixed Prosthesis at the Turin Dental School (Professor S. Carossa) • Participated in the Surgery and Implantology course taught by Dr. C. Tinti • Second-level Masters in Dental Prosthesis (University of Turin)

Mr Benoit Gobert
Switzerland
Master in Dental Prosthetics, Geneva, Switzerland • Began his professional activity and early work in a dental practice which specialized in implantology in Paris for three years • At the same time, he continued his Masters level III qualifications as well as a specialization in conjoined prosthetics • He joined a production laboratory as a ceramics specialist in the border region between France and Switzerland, and two years later, he and his associates opened a 5-person laboratory • He presented his dissertation on Conjoined Prosthetics Stabilized by an Implant Anchor • His interest in training led him to sell his shares, and split his time between teaching total and implantatory prosthetics, and creating prosthetics himself • He joined a state masters’ program in implantology as a teacher. For eight years, he has worked independently in Geneva, and he opened a second office in Valais in 2014 • He specializes in CAD-CAM in 2013, and he is still avidly learning about new technological progress in order to create tailor-made implants.

Can an aesthetic single unit restoration on implant be done by CAD CAM? The dentist and dental technician’s approach for success

Laboratory’s approach: Materials, the digital chain keystone. The choice of the reconstructive material determines the entire digital chain. Overview of simple and complex clinical cases through proven materials. Different direct and indirect digital approaches and their laboratory treatments.

Dentist’s approach: Digital protocol of post surgical steps for immediate loading of an implant after extraction. Recommendations and results compared of two digital chains (optical impression or model scanning).

Dr Ariel Manuel Quintana López
Spain
Oral Surgeon • Master degree in Oral surgery, implantation and prosthesis on implant

The new concept of the iPhysio® Profile Designer: experience, case, recommended indications and limits

Genesis of a brand new component aiming at revisiting the implant protocol.

A procedure simplified and more respectful of anatomy based on a range of anatomical components replacing healing screws and impression copings.

The shaping of the prosthetic emergence during the healing step is preserved during the stages of impression and temporization; in a digital protocol, it is automatically recognized and used for the design of the final prosthesis.

Indications, protocol, and clinical cases.

THURSDAY 2 JUNE
2:45 PM

THURSDAY 2 JUNE
4:30 PM
Three year follow-up of post extraction implants

We evaluate the results of a sample of 50 Naturactis implants after three years of immediate placement after extraction.

Considering the implant design, the objective is to assess its influence in implant dentistry in a post-extraction situation, its success rate and the periodontal and bone level on the long term (3 years).

This self-tapping implant has a good primary stability with good clinical results at the periodontal and bone level at the third year. Result similar to those known in literature in post-extraction situations.

After 3 years, the bone level is the same as the one observed the first, second and third year. No complication was encountered with the IIPE of this system, what is similar to the facts described in the literature.

Is the future 100% digital? A simple solution for creating and immediately loading a bridge in one day (ALL™BAR® system) - step by step protocol, follow up, and results of the ALL™BAR® system

Treating complete post-extractionary maxillary tooth loss through immediate implantation presents significant technical constraints, for both the practitioner and the laboratory.

This treatment however, is becoming more widespread, despite its relative complexity, and presents several advantages for both the patient and the practitioner. The ALL™BAR® concept is innovative, because it makes it possible to create a prosthetic with a metal armature in only 6 hours, including both surgery and installation time.

These results can only be obtained in 48 to 72 hours with the traditional technique. This ingenious system nevertheless requires pre-operative prosthetic planning, and presents certain constraints, especially for surgery.

We will go over the realization of immediate implantation step by step, showing the speed and simplicity of this kind of treatment.
Maintenance 2.0 to prevent peri-implantitis

Peri-implantitis is a “new” pathology which threatens to overwhelm our agendas if we don’t get a handle on it. Engaging with a patient before even installing the implant, in an adapted maintenance program, then ensuring that they follow our recommendations over the long term is one of the major factors in its prevention. A new digital tool assists you in this task.

FRIDAY 3 JUNE
11:30 AM

Dr Michael Betito
France
University Diploma in implantology • University Diploma in implantology teacher

Dr Daniel Hattab
France
University Diploma in implantology • University Diploma in pre-implant surgery • University Diploma in implantology teacher

Virtual digital dentistry. A comprehensive approach to the digital workflow

The production of prosthetic works in dentistry using a total digital workflow is considered the new challenge of today. At the same time, this new challenge represents the opportunity of reaching results completely unknown to our clinic up until now. If we want to obtain the best from digital technologies, it is absolutely necessary to modify our strategic approach to this new kind of technology.

CAD/CAM is actually a concept and represents an important evolution for prosthetic dentistry; but CAD/CAM alone is not enough to explain the whole evolution of technology and it is not able to show the possibility offered in treatment plan, productive and communicative fields.

FRIDAY 3 JUNE
12:00 AM

Dr Michele Rossini
Italy
Since 2009 he started to work with digital technologies, intraoral scanners and CAD/CAM manufacturing systems • After thousands of clinical cases in 2011 he realized the first clinic completely digital from diagnosis to executive project • He gave dozens of lectures during the main conventions in Italy • The topics of his lectures are digital workflow, management, marketing, communication and development of digital technologies • He participated as a developer to the 3M True Definition digital scanner project. He has a private centre for teaching digital technologies and management • He has a monthly personal radio program about dentistry. He realizes conventions completely dedicated to patients focused on health in dentistry, technologies and prevention where are invited and take part regularly thousands of people.
Digital management of the emergence profile: the last missing link in a compact and integrated digital chain

Shaping soft peri-implant tissue in single tooth loss is ultimately the responsibility of the surgical dentist. Without being able to correct errors in implant positioning and defects in tissues, bone, or mucous membranes, the transition prosthesis must be organized in such a way as to optimize the gingival model and the emergence profile, in order to create a natural look.

Once the volume of the transition prosthesis satisfies aesthetics needs, it should be transferred to the laboratory. A number of techniques have been developed to achieve this more or less easily. The recent development of digital impressions now allows us to explore the possibility of moving straight from the transition prosthetic to the usable prosthetic without needing a working model.

In this view, different techniques for transferring the emergence profile to the laboratory will be presented, with a particular focus on the brand new, patented concept, the iphysio® anatomical tool associated with an Esthetibase interface. This protocol allows us to create a single tooth prosthetic on an implant with minimal components: two pieces to cover all the steps, from scarring to prosthesis.

What sets this system apart is the use of white anatomical healing abutments which stay in place until the prosthesis is fixed in place, and make it easy to create a provisional crown without using provisional sealing cement. These healing abutments also serve as transfers for the optical impressions. Manipulation around the abutments being reduced to the minimum, the conditions for achieving good mucous attachment are optimized.

As part of its work on the application of digital technology to oral-dental care, the university of Clermont-Ferrand delivers the results of the first cases to have been realized with this technique.

The latest innovations in immediate implementation for partially or completely edentulous patients, digital contributions

Today, total or partial tooth loss can be treated using the immediate implant technique. The new implant design, notably of spiraled implants, as well as new surface finishes, allow us to obtain a greatly improved primary stability of our implants, even in cases of implantation immediately following extraction.

Current digital techniques (implant simulation, guided surgery, optical imprint, computer-assisted design and manufacturing) improve the precision, effectiveness, and speed of this procedure for functional, aesthetic, and reliable results.
The digital contribution to large-scale rehabilitation: managing the practitioner-prosthetist-digital camera collaboration

Today, the digital contribution to large-scale rehabilitation would be impossible without a tight collaboration between the practitioner, the prosthetist, and the digital camera.

The aim of this presentation is to show how to create interactivity between the different protagonists, in order to eliminate all hurdles and achieve a result that satisfies both our demands, and more importantly, those of the patient.

Materials selection for prosthesis on implants. Dental technician’s point of view

What choice criteria for the prosthesis on implants? Will new materials such as zirconia, lithium disilicate ceramic, reinforced composites or polymers help to ensure the sustainability of our rehabilitation?

The use of new technologies allows us to benefit from high-performance materials, but it is the responsibility of the laboratory and the practitioner to choose those who will have the best properties in terms of resistance and aesthetics.

We will see during this lecture what are the factors to be taken into account and based on what criteria to select the most suitable materials according the cases.
DIGITAL MANAGEMENT OF THE POST-OPERATIVE STEPS FOR THE INSTALLATION OF A CROWN SCREWED ONTO THE IMPLANT. DEMONSTRATION OF A COMPACT AND SIMPLIFIED PROTOCOL BASED ON iphysio® - LYRA SOLUTION.

FRIDAY 3 JUNE 3:00 PM
Dr. Ariel Manuel Quintana López
Spain
Oral Surgeon • Master degree in Oral surgery, implantation and prosthesis on implant

WORKSHOPS

Live your first “all-digital” experience and make your own single-unit screwed prosthetic element on implant

This workshop will help you discover by a simple and realistic way the new tools of digital dentistry to enhance the comfort of your patients at the chairside and offer more affordable treatments.

THURSDAY: 4:00 PM
FRIDAY: 11:00 AM or 4:30 PM
SATURDAY: 10:00 AM

Discover a new approach of the immediate loading of your final bridges with the ALLINBAR® system

How to make simply and in one day a final bridge totally passive, rigid and scalable? This workshop will allow you to discover the ALLINBAR® system by making the key steps of the protocol.

It is for dentists and dental technicians as well.

THU. 4:00 PM 5:00 PM
FRI. 4:30 PM 5:30 PM
SAT. 10:00 AM 11:00 AM

Dr. François Asselborn
France
University’s Graduate Certificate in Biomaterials • University Degree in Oral Implantology at the University of Paris VI • University Degree in Occlusodontic and Osteopathic Clinical Therapeutic • Former University Practitioner in Hospitals of Léman

Pr. Jean-Luc Veyrune
France
University professor in prosthetic disciplines • Leader of the oral implantology training unit of the Clermont-Ferrand University Hospital odontological service

1 hour duration
Dentist Dental Technician
THU. 4:00 PM 5:00 PM
FRI. 4:30 PM 5:30 PM
SAT. 10:00 AM 11:00 AM
Catalan above all, Barcelona is the second largest city in Spain. Since the 1992 Olympics, this Mediterranean city has experienced an extraordinary economic boom and has become a major tourist destination in Spain, and throughout Europe.

A true open-air museum, the city was marked by great artists such as Picasso, Miro or Gaudi and his extravagant works. Barcelona has also been highlighted through film «All About My Mother» by Almodovar and «L'Auberge Espagnole» by Klapisch.

A capital of fashion, culture, modernism, parties, sports and more recently, an innovative business center, it is very difficult to summarize Barcelona in a few lines!