

**Programme**

# Online Symposium

**November 20 and 21, 2020**



# Welcome to our 1<sup>st</sup> Online Symposium

Dear Doctor,

Unfortunately, we have not started into the Golden 20ies and are all facing challenges that probably nobody experienced so far in live. Covid-19 dominates the news since the beginning of the year and no scientist or government is able to give a reliable answer when we might return to living conditions we have known for decades.

In the context of all pandemic rules, congresses, conventions, and even kind of bigger course events became impossible and to our deep regret we had not any bigger event in 2020 where we could have met you personally. Despite all negative news, we continue thinking positive, are working on new ideas and projects. Regardless of all problems, our mission is to stay a reliable and innovative partner in the orthodontic world.

After having had a huge success with our online lecturing programme during the lockdown period in many countries when we met altogether 25.000 doctors online, we continued thinking about online formats as long as at least as we are not able to meet our customers personally again. Besides our new Campus 365 which

will be online soon, we developed the idea of our 1st Online Symposium.

We meant to make this “double digital”. First, it will be fully online but in the spirit of offering you an experience as you would be together with us during the two days – even if you are sitting in front of your screen. Secondly, we meant to invite a superb mixture of well-known experts in the world of digital orthodontics and of talented and creative orthodontists contributing to the development of digital workflows to the orthodontic profession.

We are looking forward to welcome you – online – in Pforzheim and around the globe on November 20 and 21, 2020. Enjoy studying the programme we have carefully elaborated.

Stay healthy and all best wishes for you, your families, and teams!

Stefan Foerster  
Managing Director

# 1<sup>st</sup> Online Symposium

## Day 1 – Friday, 20<sup>th</sup> November

Time*	Program	Speaker
15.00 – 16.00	Digital Orthodontics: State of the art and Future	Prof. Dr. Ravindra Nanda
16.00 – 16.30	Different Digital Workflow in Orthodontics	Dr. Eugen Moskalenko
16.30 – 17.00	- Coffee break -	
17.00 – 18.00	Control of the occlusal plane and changes in Cranio-Mandibular relationship in mild	Dr. Patrick Borbely
18.00 – 19.00	Palatal TADs & Insertion guide: advantages and clinical suggestions	Dr. Giorgio Iodice
19.00 – 19.30	- Coffee break -	
19.30 – 20.15	The new era of Digital Lingual Orthodontics	Dr. Silvana Allegrini

\*The time table is presented in German time: Berlin (UTC + 2)

The congress language is English.  
No lecture will be translated.

# 1<sup>st</sup> Online Symposium

## Day 2 – Saturday, 21<sup>st</sup> November

Time*	Program	Speaker
15.00 – 16.00	Is digital orthodontics changing the way we care for our patients?	Dr. Lars Christensen
16.00 – 16.30	The laboratory of the new millennium & its digital workflow!	Dr. Stefano Negrini
16.30 – 17.00	- Coffee break -	
17.00 – 18.00	Digital tools for our orthodontics practice beyond aligners	Dr. Carlos Becerra
18.00 – 19.00	All's fair in digital orthodontics	Dr. Elie Amm
19.00 – 19.30	- Coffee break -	
19.30 – 20.30	Potential and current limitations of clear aligner technology	Dr. Carlos Flores

\*The time table is presented in German time: Berlin (UTC + 2)

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Prof. Dr. Ravindra Nanda

Day 1 – Friday, 20<sup>th</sup> – 15.00 - 16.00 pm

## Digital Orthodontics: State of the art and Future

Digital Orthodontics is not a new phenomenon. We were introduced to the digital world with introduction of computers in our offices. Patient history, diagnosis, treatment plan, cephalometric measurements, growth prediction, patient appointments, monitoring progress of treatment etc. were the early uses of digital introduction in orthodontics. In last three decades we have progressed tremendously with introduction of new treatment modalities such as aligners, cad cam designed appliances and TAD placement for an example. This presentation will discuss what is in store for us in future and how orthodontics will be practiced in next few decades.



Dr. Eugen Moskalenko

Day 1 – Friday, 20<sup>th</sup> – 16.00 - 16.30 pm

## Different Digital Workflow in Orthodontics

Know and understand the different digital workflow options we have to optimize, predict and save time in our orthodontic treatments in the day-to-day of our practice.



Dr. Patrick Borbely

Day 1 – Friday, 20<sup>th</sup> – 17.00 - 18.00 pm

## Control of the occlusal plane and changes in Cranio-Mandibular relationship in mild

Mandibular Lateral Deviation (MLD) is the lateral displacement of the chin to either the left or right side, in several cases produce facial asymmetry, functional abnormality; masticatory dysfunction, TMJ arthrosis and psychological problem. Asymmetric growth conditions such as condylar hyperplasia in growth stages can also lead to changes in the mandibular cranio relationship and leave significant sequelae of facial asymmetries. Current research has supported the concept of a possible relationship between inclination of the the upper posterior occlusal plane and mandibular position consistent with the etiology of the different dentoskeletal frames. It has been also postulated that long-term functional stability of the craniomandibular system can be determined by the following three factors: occlusal plane inclination, vertical dimension of occlusion and tooth guidance in harmony with condylar movement.

A simple and specific orthodontic treatment for a patient with MLD during the permanent dentition period is through surgical procedure. However, it has become possible to treat a patient without undergoing surgery. Different approaches in orthodontics, such as the use of MEAW (Multiloop Edgewise Archwire) in combination with miniscrews can provide treatment results according to the requirements of a satisfactory occlusion that could be more easily achieved if the maxillaries can be properly positioned. It can be appreciated how adult patients with moderate and severe facial asymmetries and MLD were treated, as consequence of the of hyperplasy condylar and how through mini screws orthodontics tool help to solve the issue. With this treatment we were able to establish the correct post vertical dimension and correct the MLD with big changes in the relation Cranio Mandibular system.



Dr. Giorgio Iodice

Day 1 – Friday, 20<sup>th</sup> – 18.00 - 19.00 pm

## Palatal TADs & Insertion guide: advantages and clinical suggestions

1. Palatal TADs: the way to transform difficult ones in easy cases, allowing to treat cases even impossible ones with conventional anchorage!
2. Bone quality and quantity in the palatal vault: a factor impossible to ignore if you are planning to use palatal skeletal anchorage.
3. Did you know that root proximity or touch is a major factor for TAD failure and not for tooth prognosis?
4. TADs insertion guide for:
  - a) Clinical safety
  - b) TADs parallelism
  - c) Bicorticalism
  - d) all of the above

Let's analyse together!!!





Dr. Silvana Allegrini

Day 1 – Friday, 20<sup>th</sup> – 19.30 - 20.15 pm

## The new era of Digital Lingual Orthodontics

Lingual Orthodontics is about fifty years old with many of its facets having undergone a modification since the beginning, e.g. how to bond brackets. Another element that has changed is the attitude of our patients to this particular type of treatment: What do they desire now?

I will explain how to facilitate lingual treatment to become more acceptable to our patients, especially how digital technology (3D) can simplify the treatment procedure. The cases I present and discuss demonstrate a combination of specific techniques and the advantages thereof.



Dr. Lars Christensen

Day 2 – Saturday, 21<sup>st</sup> – 15.00 - 16.00 pm

## Is digital orthodontics changing the way we care for our patients?

The orthodontic field is buzzing with new digital workflows for orthodontist. It seems as if every day has a new way of providing treatment or a new piece of equipment we must have to stay current.

Dr. Christensen will share his experiences with new technologies and discuss his highs and lows of being an early adopter of some of the technologies available in orthodontics. A clinical part will demonstrate some of the routine applications of digital technologies in the practice such as indirect bonding, cast metal appliances and functional appliances. In a philosophical part Dr. Christensen will debate whether these new technologies dictate the treatment we provide. Most solutions are advertised as making orthodontics easy – the argument in this lecture is that digital solutions does not make orthodontics easy. Digital technologies can perhaps improve our control of the orthodontic treatment.



Dr. Stefano Negrini

Day 2 – Saturday, 21<sup>st</sup> – 16.00 - 16.30 pm

## The laboratory of the new millennium & its digital workflow!

Who we are: The ideal partner for the next generation of orthodontic and dental services.

In our lecture we'll be talking about the digital workflow in a 21st-century orthodontic lab. Just to understand this: "Digital applications don't make our work harder or more expensive. It makes all of us more brilliant, safer and more accurate".



Dr. Carlos Becerra

Day 2 – Saturday, 21<sup>st</sup> – 17.00 - 18.00 pm

## Digital tools for our orthodontics practice beyond aligners

Orthodontic treatment involves functional occlusion, aesthetics, periodontal health, and long-term stability along with other aspects of the treatment. Respecting these basic aspects of proper diagnostics is the key for successful orthodontics for full patient satisfaction. Achieving these goals requires precision, investment, and effort. Digital orthodontics, employing specific software, gives us modern tools at hand beyond what is customarily – but imprecisely – believed to be the sphere of aligners. Digital tools will improve the work-flow of our practice during all phases of a treatment process. If we understand that our profession is not just about “moving teeth”, our mechanics will thereby be simpler, faster, and more accurate.

Join me to give a modern look under the basic principles of functional and aesthetic orthodontics incorporating all the 3D technology available to deliver a satisfying outcome.



Dr. Elie Amm

Day 2 – Saturday, 21<sup>st</sup> – 18.00 - 19.00 pm

## All's fair in digital orthodontics

This is a presentation that will try to draw a line between fundamentals and digital orthodontics.

We will cover some clinical aspects showing the advantages of the digital flow in our daily practice, although respecting the goals of our treatments. The results of a comparative study will also be revealed for the 1st time...



Dr. Carlos Flores

Day 2 – Saturday, 21<sup>st</sup> – 19.30 - 20.30 pm

## Potential and current limitations of clear aligner technology

Clear aligner technology is ever evolving and progressively addressing some of its initial limitations. This presentation will focus on the perception and attitudes of patients in regard to clear aligner technology and our increasing understanding of what type of movements are more or less predictable.



# Online Symposium

**November 20 and 21, 2020**

## Registration for the Online Symposium

Please contact your local distributor or your sales agent for further information about registering for the Online Symposium.

Your local partner will be happy to explain you all details.

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# ONLINE

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