

# Bio-Emulation™ Group

## X HuFriedyGroup

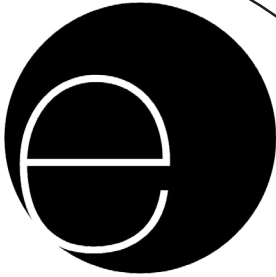
The \_alphabet Kit

Designed by Dr. Leandro Pereira &  
Dr. Panos Bazos



Dr. Pereira

Dr. Bazos



The **Bio-Emulation™ Group** works like an ecosystem as like-minded individuals were brought together into closer contact on a global scale. A symbiotic organic relationship between vastly different individuals imbued sharing the same spirit of cooperation, progress and collaboration, hence similar ideas and ideals was thus assured. Many individual minds, with one universal mindset.



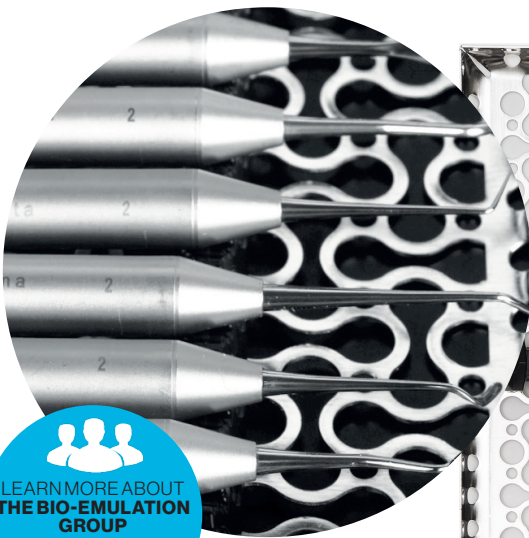
The Bio-Emulation™ Philosophy can be seen as the natural next step to the foundations of biomimetic dentistry that our mentors established in the past. There is an apt quote from Albert Einstein that represents the Bio-Emulation™ philosophy very well: "Look deep into nature, and then you will understand everything better."

Bio-Emulation™ Group



### THE \_ALPHABET KIT

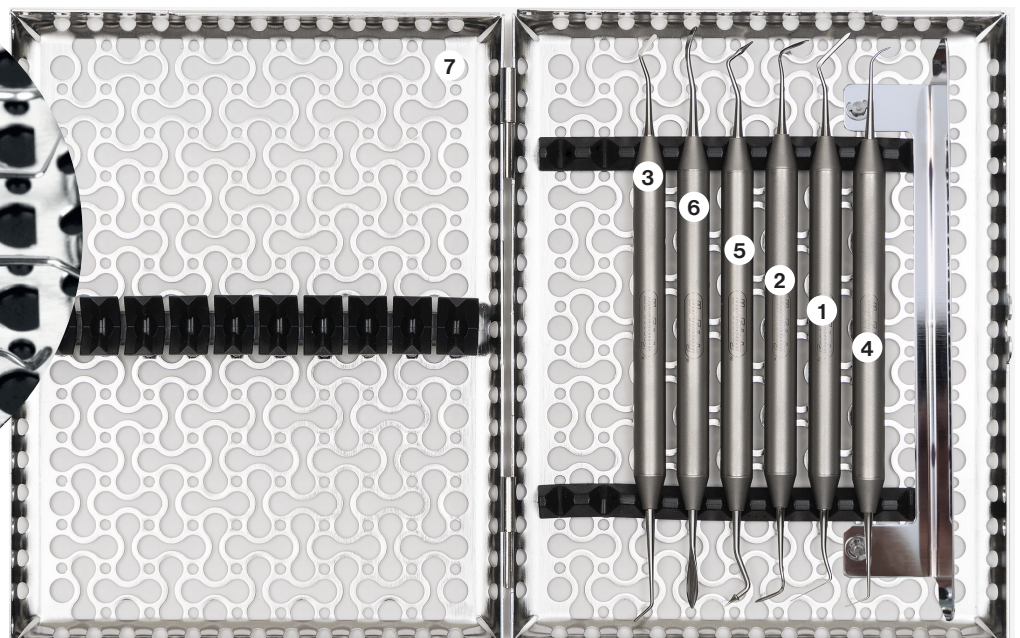
Craftsmanship and workmanship are both directly related to the quality of service performed by an elite dental clinician. Highly skilled manual and cognitive clinical tasks require precise fine motor control integration and present the ultimate achievement regarding complex hand dexterity. Hence the skill and artistry involved in creating seamless optically integrated direct composite resin restorations requires and necessitates the finest quality of clinical instrumentation, that feels like a natural extension of your hand. For that reason, the Bio-Emulation™ alphabet \_kit was carefully designed with clinical instruments optimised for maximizing dexterity and proprioception in mind. Designed by dentists for dentists.



LEARN MORE ABOUT  
THE BIO-EMULATION  
GROUP



**BIOKIT**  
The \_alphabet Kit



Visit us online at [HuFriedyGroup.com](http://HuFriedyGroup.com)

**HuFriedyGroup**  
The Best In Practice

## THE\_ALPHABET KIT



**CIBIOA**  
Bio-Emulation™  
Composite Instrument,  
**Alpha**



**CIBIOB**  
Bio-Emulation™  
Composite Instrument,  
**Beta**



**CIBIOY**  
Bio-Emulation™  
Composite Instrument,  
**Gamma**



**CIBIOD**  
Bio-Emulation™ Composite Instrument, **Delta**



**CIBIOE**  
Bio-Emulation™ Composite  
Instrument, **Epsilon**



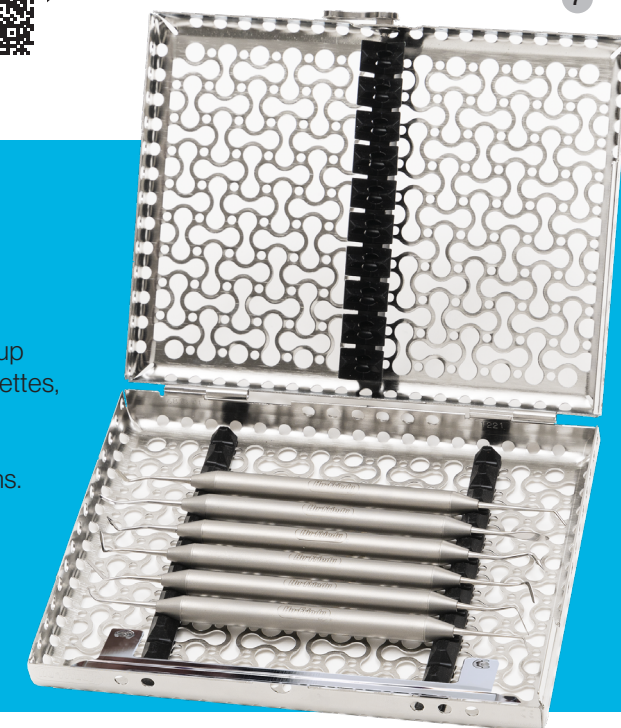
**CIBIOZ**  
Bio-Emulation™ Composite  
Instrument, **Zeta**



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WEBPAGE



**IMN5087**  
IMS™ Infinity Series™ Small Cassette -  
**8 instrument**. Holds 8 instruments with an  
accessory area.  
5.5" x 8" x 1.25" (140 mm x 203 mm x 32 mm)

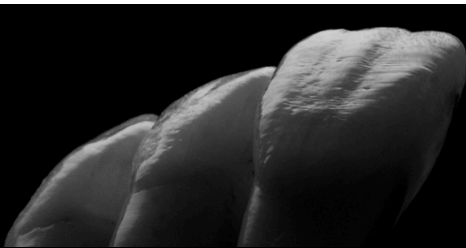
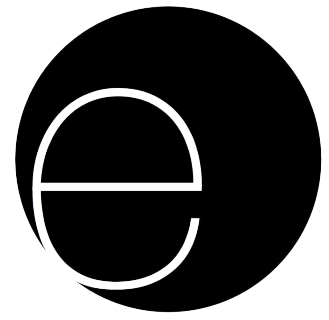


### WHY YOU SHOULD USE AN INSTRUMENT MANAGEMENT SYSTEM (IMS):

By standardizing your instruments with IMS System, additional time and revenue is generated while extending the useful life of your HuFriedyGroup instruments. Dental professionals state that by implementing IMS™ Cassettes, they save 5 to 10 minutes per procedure allowing the staff to spend more time on value-added activities\*. In addition, safer transportation of soiled instruments reduces risk of injury and exposure to blood borne pathogens.

\*When compared to single instrument decontamination. Based on market survey results.





Let nature be your guide

## Bio-Emulation™ Group

### What does mean the term “Bio-Emulation™”?

#### What is the concept/philosophy of Bio-Emulation™?

Bio-Emulation™ is a compound term, the prefix from the Greek word bios (life) and the suffix from Latin word aemulus (rival), having trademarked it in order to better describe the contemporary philosophy of restorative intervention and adhesive reconstruction of teeth. Bio-Emulation™'s driving force is to perpetuate the general oral health of the patient by proactive methods of prevention and systematic maintenance of the dentition. However, when we are forced to intervene, when we are meant to be reactive in our approach, our philosophy is to want to be able to rival nature, both optically and functionally through evidence based, commonsensical and proven scientific techniques.

#### What do we have to understand when emulating nature?

When dealing with restorative procedures, the mastery of spatial coronal and radicular histo-anatomy is paramount in striving to emulate nature. The other major component is to understand the dynamic maturation of enamel and dentin over time, simultaneously having a solid grasp on the optical and mechanical properties of the chosen restorative bio-material.

#### What do Bio-Emulation™ members teach at their courses? What do you want your participants to learn when they attend your courses?

Bio-Emulation™ members have different expertise areas and we respect individual and personal characteristics. As a group, the convergence point when teaching is an approach to the fundamental and elemental principles of whatever topic. Some random topics of interest may include digital dental imaging, adhesive technology, composite laminar techniques, details that makes the difference when dealing with indirect restorations, magnification - seeing is believing etc. Trying to unlock the mind of the participant, inviting them to think differently, changing their perception and awakening their scientific curiosity. The Bio-Emulation™'s teaching approach very often bond together personal clinical experience and evidence-based scientific information without losing simplicity and reproducibility.

#### What would be described as the overall aim of a Bio-Emulation™ Symposium, and how does this course differ from others?

The overall aim of a Symposium is to communicate a clear and practical message on many different topics regarding clinical biomimetic dentistry. All of our lectures and workshops have a take-home message that can be applied immediately in daily practice. We are here to help others learn how to work according to the high quality standards in the dental clinical and technical realms, and we are always open for questions and suggestions. We strongly believe that sharing is the only way in which dentistry and science in general can evolve. And that is what we practice; there is no point in keeping the secrets for yourself, other than to feed your ego. We are not afraid to share, we encourage it.

#### Do you think that Bio-Emulation™ could change the way aesthetic dentistry is performed?

Yes, that is our ultimate aim: to help people understand that another way of dentistry is possible, not only for aesthetic cases but also for daily work. Our philosophy is clear: we base our concepts on contemporary scientific observation of nature, not on subjective descriptions. That may possibly clash with traditional concepts established in times when materials were more limited and the application of the biomimetic principle was not feasible. However, we strongly believe in what we do and we are crazy enough to think we can change the world. Time will tell if we have accomplished this. We would be satisfied if we can establish a new collaborative base upon which future generations of dentists could build a solid scientific foundation and finally achieve their ultimate clinical goals in the service of the patient.

For more information or to place an order, call 1-800-483-7433 or visit [HuFriedyGroup.com](http://HuFriedyGroup.com)