



CIC 2023

COWELL® International Conference

# BIOPLANT™

# CELEBRATING 30 YEARS

Date. October 13-17, 2023

Venue. Rome Marriott Park Hotel, Rome, Italy

# 1994

## Speakers



Dr. Martin Tomecek  
Czech Republic 🇨🇪



Dr. Soohong Kim  
Korea 🇰🇷



Dr. Jesus Gomez  
USA 🇺🇸



Dr. Akram Aloui  
Tunisia 🇹🇳



Prof. Yongkun Kim  
USA 🇺🇸



Dr. Alejandro Viva  
Portugal 🇵🇹



Czech Republic 🇨🇪



Italy 🇮🇹



Dr. Jan Streblo  
Czech Republic 🇨🇪



Philippe Chanavaz  
France 🇫🇷



# BI





# COWELLMEDI STORY



## BIOPLANT™, CELEBRATING 30 YEARS

For the first time in Korea, beginning with the development of KOREA'S FIRST DENTAL IMPLANT, BIOPLANT™, Cowellmedi has been leading the biomedical industry with its super-hydrophilic implant surface and rhBMP-2 fusion technology.

Cowellmedi developed and localized KOREA'S FIRST DENTAL IMPLANT in 1994 and received the service merit from the Korean government for its contribution to developing KOREA'S FIRST DENTAL IMPLANT, BIOPLANT™.

Over the past 30 years since the birth of the BIOPLANT™, COWELLMEDI's continuous research and efforts have become the core of the country's dental implant industry.

In 2010, COWELLMEDI successfully commercialized E.rhBMP-2-based bone graft materials for the FIRST TIME IN THE WORLD, drawing attention from the world beyond Korea. That was the driving force that advanced COWELLMEDI into a global company in the biomedical field.

Currently, Cowellmedi is pulling all its weight to develop novel products and services, such as the new generation of implant fixtures, surfaces, prosthetics, and various equipment for the new era of the dental and biomedical fields.

Cowellmedi is silently preparing another miracle just as it did in 1994.



# COWELLMEDI HISTORY



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**BIOPLANT™**  
KOREA'S FIRST DENTAL IMPLANT,  
with a successful clinical track record  
spanning 3 decades



**AXIS Implant System™**  
Designed with the purpose of  
ENHANCING INITIAL STABILITY  
through the utilization of active  
self-tapping and cutting  
functionalities

02



**Order of Industrial Service Merit**  
Recipient of the prestigious award  
from the Korean Government for  
pioneering the development of  
KOREA'S FIRST DENTAL IMPLANT

04



**COWELL® BMP**  
WORLD'S FIRST E.rhBMP-2,  
substantiated by more than  
60 international research studies

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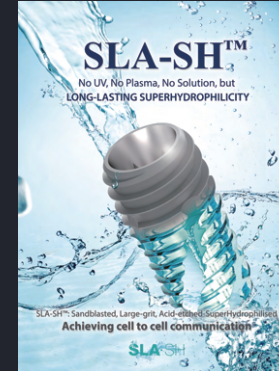
**INNO Implant System®**  
One of COWELLMEDI'S FLAGSHIP  
PRODUCTS, engineered with  
state-of-the-art design and surface  
to cater to diverse clinical scenarios

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**REID Global**  
Standing for Research and Education in  
Implant Dentistry, a global institution  
committed to driving forward the field  
of implant dentistry through specialized  
research and education

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**SLA-SH™**  
Long-lasting SUPER-HYDROPHILIC  
IMPLANT SURFACE, devoid of any  
reliance on such methods as UV,  
plasma, calcium solution, etc.

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**Wifi-Mesh**  
CE-MARKED Non-resorbable barrier  
membrane with titanium reinforced  
between PTFE layers

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**COWELLMEDI  
GLOBAL INNOVATION CENTRE**  
Completion of land acquisition  
for the construction of the COWELLMEDI  
GLOBAL INNOVATION CENTRE

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## 30 YEARS OF FOOTPRINT, 30 YEARS OF INNOVATION





# SPECIAL INTERVIEW

Dental Arirang | Monday, January 24, 2022

## PIONEER OF KOREAN DENTAL IMPLANTS



Dr. Soohong Kim

Dr. Soohong Kim, the founder of Cowellmedi, is an essential figure when it comes to Korean implants. His proteges are currently active as CEOs and executives of major domestic implant companies, so Cowellmedi is even called the 'Implant Academy'. We met Dr. Soohong Kim, who said he would develop into a research-oriented company rather than quantitative growth, and heard about his history, management philosophy, and plans.

### KOREA'S FIRST DENTAL IMPLANT, DREAMS COME TRUE, THE IMPLANT AND MEDICAL DEVICE INDUSTRY HAVE GREAT GROWTH POTENTIAL

#### Q What brought you to develop and localize the first dental implant in Korea?

A In the 1990s, when foreign implant brands were dominant, patients who could afford dental implant treatment were limited to the wealthy. At the time, I closed my own dental clinic and went to graduate school with the dream of providing better implants at better prices to patients who need implant treatment. I poured all my money earned from my clinic into developing implants and worked day and night with engineering professors and researchers to complete CAD drawings, succeeding in developing Korea's first dental implant (BIOPLANT™).

#### Q After developing dental implants for the first time in Korea, you have won many awards. Which one was the most memorable?

A The most memorable one was the Order of Industrial Service Merit awarded directly by the then president in 2004 as an official certification for the development of Korea's first dental implant. Taking this opportunity, we accelerated our research to develop rhBMP-2, and won the grand prize for venture companies.

#### Q How did you establish the dental implant company?

A After developing Korea's first implant in 1994, I established Asrahi Medical in 1998 and obtained the medical device manufacturing license in 1999. In 2000, it was converted into a corporation, Cowellmedi, named after 'CO-WELL,' meaning a medical device company where everyone is happy. Cowellmedi has acquired numerous domestic and international patents and certifications and is manufacturing and developing various products such as dental implants, surgical kits, dental bone graft materials, barrier membranes, medical equipment, etc. Among the products in the spotlight, INNO Implant System® and COWELL® BMP have become the company's signature products.

#### Q Can you explain INNO Implant and COWELL® BMP?

A INNO Implant was born with the meaning of implant innovation. As its name suggests, it was designed to be suitable for various clinical cases. The INNO is blasted with HA, a material safe for the human body, to distribute the roughness obtaining strong geometric interlocking evenly. The development of COWELL® BMP was initiated for bone grafting required for implants. COWELL® BMP induces rapid and reliable reformation of insufficient soft and hard tissues. After launching BMP research reagent in 2009, COWELL® BMP was approved by MFDS in 2010 for manufacturing and became the world's first commercialized E.rhBMP-2.

#### Q What are Cowellmedi's future visions, and how do you prospect the future the implant market?

A When I first entered dental school at the age of 18, and I first opened a dental clinic with a signboard to become a person who helps people, the beginnings were always full of excitement of fear. A person who finds excitement in the face of difficulties and helps people, I am still silently trying to realize my vocation. In the future, we hope to become a company that helps many patients by creating a wind of significant innovations in the dental industry, just as Cowellmedi's innovation did in 1994. In addition, I believe that the growth potential of the dental implant and medical device industries is limitless.

Reporter Ha Jeonggon  
arirang@dentalarirang.com





# WELCOME TO CIC 2023

Dear Cowellmedi Colleagues and Friends,

We are thrilled to invite you to the COWELL® International Conference 2023, which will take place at the Marriot Park Hotel in Rome, Italy, from October 13 to 17.

This year's event is particularly special as it marks the 30th anniversary of KOREA'S FIRST DENTAL IMPLANT, BIOPLANT™. Developed in 1994, this implant has played a key role in shaping the dental implant industry in Korea. In honor of this historic milestone, the conference is titled BIOPLANT™, CELEBRATING 30 YEARS.

The conference will offer an excellent opportunity to learn from world-class speakers about advanced procedures for maxillary sinus lift, All-on-X procedures, and soft/hard tissue management.

Join us in Rome, a city renowned for its rich history and culture, to celebrate 30 years of the birth of BIOPLANT™.

We look forward to seeing you there!

Soohong Kim, D.D.S. Ph.D,  
CSO, Cowellmedi Co., Ltd.



## OBJECTIVES

**Upon completion of the CIC 2023, the participants shall be able to**

- Comprehend the new paradigm of prosthesis
- Understand clinical concerns and principles for soft and hard tissue regeneration
- Apply simpler techniques with digital implant procedure
- Approach diverse methods of bone graft
- Successfully treat implant complications
- Achieve predictable clinical outcomes

## SCHEDULE

**October 13-17, 2023 [ 4 nights & 5 days ]**

|            |                     |
|------------|---------------------|
| October 13 | Arrival             |
| October 14 | <b>CIC 2023</b>     |
| October 15 | Individual Activity |
| October 16 | Individual Activity |
| October 17 | Departure           |



# CURRICULUM

October 14, 2023

Moderator: Dr. Martin Tomecek

| SESSION               | SPEAKER                | SUBJECT  |
|-----------------------|------------------------|--|
| 08:30-09:00           | -                      | Registration   |
| <b>01</b> 09:00-09:10 | Dr. Soohong Kim        | BIOPLANT™, "CELEBRATING 30 YEARS"  |
| <b>02</b> 09:10-10:10 | Dr. Jesus Gomez        | New Approaches and Techniques for Sinus Lift Surgery, How to Manage Complications                                  |
| <b>03</b> 10:10-11:10 | Dr. Akram Aloui        | Immediate implantation in the anterior and posterior region by digitally guided surgery                            |
| <b>04</b> 11:10-12:10 | Prof. Yongkun Kim      | All-on-X Full Arch Implant Rehabilitation  |
| 12:10-13:30           | -                      | Lunch  |
| <b>05</b> 13:30-14:30 | Dr. Alejandro Vivas    | How to Reach Perfect Esthetics in Implant Dentistry after Bone Grafting  |
| <b>06</b> 14:30-15:30 | Dr. Jan Spiller        | Reconstruction in the esthetic area  |
| 15:30-16:00           | -                      | Coffee Break   |
| <b>07</b> 16:00-17:00 | Dr. Fabrizio Belleggia | Vertical Ridge Defects: The Ultimate Procedure for Hard and Soft Tissue Augmentation                               |
| <b>08</b> 17:00-18:00 | Dr. Jan Streblov       | Peri-Implantitis: Causes, Treatment and Prevention   |
| <b>09</b> 18:00-19:00 | Dr. Philippe Chanavaz  | Interpositional bone grafting, an option to avoid secondary graft bone resorption.                                 |
| <b>10</b> 19:00-19:20 | TBA                    | Announcement of Winners of COWELL® Clinical Case Poster Competition 2023 and Winner's Case Presentation(1st Place) |
| <b>11</b> 19:20-19:30 | Dr. Soohong Kim        | 30 YEARS OF FOOTPRINT, 30 YEARS OF INNOVATION  |
| 19:30-20:30           | -                      | Dinner   |
| 20:30-22:00           | -                      | COWELL NIGHT   |

# SPEAKERS



## Moderator



**Dr. Martin Tomecek**  
Czech Republic 🇨🇪

- REID Global Accredited Clinician
- Speaker of CIC 2018 and 2019
- Speaker Specializing in Implant Dentistry, Soft Tissue Management, Prosthodontics, and Dental Photography
- Founder of 3DK Dental Clinic, Prague
- Graduated from Charles University, Medical Faculty-Dentistry

## SESSION **01** [09:00-09:10]

### BIOPLANT™, "CELEBRATING 30 YEARS"



**Dr. Soohong Kim**  
Korea 🇰🇷

- Developer of Korea's first dental implant, BIOPLANT™
- Developer of the World's First E.Coli derived rhBMP-2
- Medaled from the Korean Government for His Contribution to Developing Korea's First Dental Implant
- Inventor of Dimple, Deep IMplant PLacEment
- Director of Cowellmedi Tissue Engineering Institute for Growth Factors



## SESSION 02 [09:10-10:10]

### New Approaches and Techniques for Sinus Lift Surgery, How to Manage Complications



**Dr. Jesus Gomez**  
USA 🇺🇸

- Oral and Maxillofacial Surgeon, University of Miami, Jackson Memorial Medical Center
- Director of Maxillofacial Traumatology, University of Miami, Jackson Memorial Medical Center
- Codirector of Anesthesiology, Ambulatory Care Center, University of Miami, Jackson Memorial Medical Center
- Assistant Professor of Oral and Maxillofacial Surgery, University of Miami, Jackson Memorial Medical Center
- Awarded by the United State Congress for His Contribution to the Latin Community in the USA

## SESSION 03 [10:10-11:10]

### Immediate implantation in the anterior and posterior region by digitally guided surgery



**Dr. Akram ALOUI**  
Tunisia 🇹🇳

- Winner of COWELL® Clinical Case Poster Competition 2022
- REID Global Accredited Clinician
- Founder of Dr. Akram Aloui Dental Clinic
- Speaker specializing in Oral and Periodontal Surgery
- Graduated from the University of Monastir, School of Dentistry

## SESSION 04 [11:10-12:10]

### All-on-X Full Arch Implant Rehabilitation



**Prof. Yongkun Kim**  
USA 🇺🇸

- Clinical Assistant Professor of Periodontal Prosthesis, University of Pennsylvania
- Clinical Assistant Professor of Post-Graduate Periodontics, University of Pennsylvania
- Post-graduate Certificates in Periodontics, Dental Implantology, and Fixed Prosthodontics, University of Pennsylvania
- DMD, University of Pennsylvania
- Member of the American Dental Association, Pennsylvania Dental Association, Academy of Osseointegration, etc.

## SESSION 05 [13:30-14:30]

### How to Reach Perfect Esthetics in Implant Dentistry after Bone Grafting



**Dr. Alejandro Vivas**  
Portugal 🇵🇹

- Collaborate Faculty Member of Div. of OMFS, Miller School of Medicine, University of Miami
- Fellow of ICOMS, Oral and Maxillofacial Surgery
- Member of AAOMS, American Association of Oral and Maxillofacial Surgeons
- Founder of Miami Medical Seminars
- Speaker of CIC 2015, 2016, 2017, 2018, 2019, and CEC 2022

# SPEAKERS

## SESSION 06 [14:30-15:30]

### Reconstruction in the esthetic area



**Dr. Jan Spiller**  
Czech Republic 🇨🇪

- MUDr. Degree, Charles University, School of Dentistry
- Founder of Dentalni Centrum Podkovka in Prague
- Certified Member of the Czech Academy of Dental Aesthetics
- Member of Promikro, Association of Microscopic Dentistry
- Adjunct Instructor of a Postgraduate Educational Program, CADE-Curriculum

## SESSION 08 [17:00-18:00]

### Peri-Implantitis: Causes, Treatment and Prevention



**Dr. Jan Streblov**  
Czech Republic 🇨🇪

- Vice President of CADE, Czech Academy for Dental Esthetics
- First Medical Faculty-Dentistry, Charles University
- Speaker of Periodontology, Implant Dentistry and etc. (Czech Republic, Switzerland, Germany, Great Britain, and Slovakia)
- Member of the Editorial Board of the Czech Dental Journal, published by the Czech Dental Chamber
- Manifold Translations in German and English for Quintessenz Publishing

## SESSION 07 [16:00-17:00]

### Vertical Ridge Defects: The Ultimate Procedure for Hard and Soft Tissue Augmentation



**Dr. Fabrizio Belleggia**  
Italy 🇮🇹

- DDS from the University of Rome, "Tor Vergata"
- Member of the Italian Society of Osseointegration
- Oral and Maxillofacial Surgeon of the "San Giovanni Calibita-Fatebenefratelli" General Hospital, Rome
- REID Global Accredited Clinician
- Specialized in Periodontology, Osseointegration, Oral surgery, Bone Regeneration, and Soft tissue Reconstruction

## SESSION 09 [18:00-19:00]

### Interpositional bone grafting, an option to avoid secondary graft bone resorption.



**Dr. Philippe Chanavaz**  
France 🇫🇷

- Founder and Director of the OROFACE Center (Regional Oral and Maxillofacial Surgery Center), Marseille – FRANCE
- Co-director of Lyon University Implant Post Graduate
- Associate Fellow of the American Academy of Implant Dentistry (AAID)
- Member of the French Association of Implantology (AFI)
- Member of the EACMFS (European Association for Cranio-Maxillofacial Surgery)



# ATTRACTIONS IN ROME



### 1. Colosseum

As the Eiffel Tower is to Paris, the silhouette of the Flavian Amphitheatre is to Rome. The largest structure left to us by Roman antiquity, the Colosseum still provides the model for sports arenas - present day football stadium design is clearly based on this oval Roman plan. The building was begun by Vespasian in AD 72, and after his son Titus enlarged it by adding the fourth story, it was inaugurated in the year AD 80 with a series of splendid games. The Colosseum was large enough for theatrical performances, festivals, circuses, or games, which the Imperial Court and high officials watched from the lowest level, aristocratic Roman families on the second, the populace on the third and fourth.



Colosseum

### 2. Castel Sant'Angelo

Castel Sant'Angelo was built to be a mausoleum for the Emperor Hadrian and his family. Built in 123 BC, it later was turned into a fortress and castle by the popes. It was once Rome's tallest building. The ashes of other emperors were buried there, but scattered when the Visigoths invaded in 410. It also served as a prison, but today the castle is a museum. Among the most well known sights in Rome, film buffs will recognize it as a setting from "Angels and Demons".



### 3. Pantheon

One of the best preserved Roman buildings, The Pantheon was built in 126 AD as a temple for all the Roman gods. The temple has served as a Roman Catholic Church since the 7th century. Eight graceful granite Corinthian columns extend across the front of this circular building, with lesser columns in back. Though it is 2,000 years old, the Pantheon's famous dome remains the world's largest unreinforced concrete dome. It is believed Marcus Agrippa built the Pantheon to be his private temple. The current building was reconstructed by Emperor Hadrian in the second century.

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