



CIC2024
COWELL® International Conference

Implant 2.0 *in Korea*

: Cowellmedi where innovation comes to life

July 12th - 16th, 2024

Vista Hall, Walkerhill, Seoul, Korea

*Conference Date: July 14th

CIC 2024
COWELL® International Conference

www.cowellmedi.com

Cowellmedi Co., Ltd.

Floor 6, Blue Fin Tower, 42, Sechojungang-ro, Seocho-gu, Seoul 06643, Republic of Korea
Tel. +82 2 3453 5085 | Telefax. +82 2 3453 5086 | Email. isp2@cowellmedi.com

Cowellmedi R&D Institute

48, Hakgam-daero 221beon-gil, Sasang-gu, Busan 46986, Republic of Korea

Cowellmedi USA Inc.

218 Trianon Ln, Villanova, PA 19085, USA

Cowellmedi
The Pioneers in Dental Implant and E.hBMP-2



Speakers



Dr. Martin Tomecek
Czech Republic 🇨🇪



Dr. Soohong Kim
Korea 🇰🇷



Dr. Claudio Sotomayor
Chile 🇨🇱



Dr. Jorge O'Brien
Chile 🇨🇱



Dr. Alain Romanos
Lebanon 🇱🇧



Dr. Hoyeol Jang
Korea 🇰🇷



Dr. Myungjin Chung
Korea 🇰🇷



Dr. Dongwon Park
Korea 🇰🇷



Dr. Pil Lim
Korea 🇰🇷



Prof. Ui-Won Jung
Korea 🇰🇷



Dr. Seiyoun Chun
Korea 🇰🇷



Dr. Alejandro Vivas
Venezuela 🇻🇪



Prof. Reuben Kim
USA 🇺🇸



Dr. Geunyoung Lee
Korea 🇰🇷



Prof. Jae-Kook Cha
Korea 🇰🇷



Prof. Yongkun Kim
USA 🇺🇸

Cowellmedi
The Pioneers in Dental Implant and E.hBMP-2



Implant 2.0

: Cowellmedi where innovation comes to life



Welcome to CIC 2024

Dear Participants,

We express our sincere appreciation for your significant interest in the upcoming CIC 2024, COWELL® International Conference scheduled to take place in Seoul in July 2024. It is our pleasure to extend a warm invitation to you for the 2024 Cowellmedi International Conference in Seoul, Korea.

Seoul is widely recognized as a city that never sleeps, with continuous activities and innovative energy flowing through its vibrant streets. Embracing the theme "Implant 2.0", Cowellmedi reflects the perpetual energy that characterizes both the city of Seoul and your innovative spirit. As articulated in the phrase "Cowellmedi where innovation comes to life," our commitment, exemplified through the launch of BMP, SFIT, and various digital products, focuses on enhancing your daily dental practice, providing greater comfort and satisfaction to your patients.

CIC 2024: Implant 2.0 will not only explore past and current technologies but also introduce comprehensive guidelines and novel concepts for future practical applications. The event will cover the introduction and clinical applications of BMP and Cementless prosthetics, digital surgery, aesthetic prosthetics, and more. This conference promises to be a valuable opportunity to acquire the latest information on implants.

We have gathered speakers of international acclaim. The conference offers an excellent opportunity for you to stay informed about all aspects of Implant 2.0. Beyond the academic sessions, you will have the chance to immerse yourself in the vibrant city of Seoul, known as the Soul of Asia. We encourage you to join us, share your ideas, and enjoy a fulfilling experience with us.

Best regards,

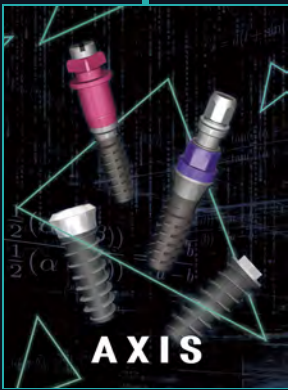

Soohong Kim, DDS, Ph.D,
CSO, Cowellmedi Co., Ltd.

Cowellmedi's History



94

BIOPLANT™
Korea's first dental implant,
Clinically proven over 30 years



02

AXIS
An aggressive dental implant with active
self-tapping and cutting capabilities



04

Order of Industrial Service Merit
Medaled for developing
the Korea's first dental implant
from the Korean Government



10

COWELL® BMP
The World's first E.rhBMP-2, Proven with
over 60 international studies



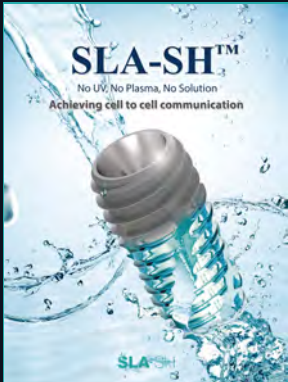
12

INNO
Cowellmedi's flagship implant, optimized for
various clinical cases and patient's indications



14

REID Global
A non-profit organization that conducts
research education in the field
of implant dentistry



15

SLA-SH™
The long-lasting
treatment required
without the need of additional treatment required
at the clinical practice



22

Global Innovation Centre
Obtained a new factory site for
Cowellmedi Global Innovation Centre
in Busan, Korea



24

INNO PLAN
FREE Software for guided surgery
One software - All The Function

Korea's First Dental Implant Cowellmedi

OBJECTIVES

Upon completion of the CIC 2024, the participants shall be able to

- Comprehend the new paradigm of prosthesis
- Understand clinical considerations 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

July 12th - 16th, 2024 [4 nights & 5 days]

July 12 th Fri	Arrival
July 13 th Sat	Individual Activity
July 14 th Sun	CIC 2024
July 15 th Mon	Individual Activity
July 16 th Tue	Departure

CURRICULUM

July 14th, 2024

Moderator: Dr. Martin Tomecek

SESSION	SPEAKER	SUBJECT
08:00-08:20	-	Registration
08:20-08:30	Dr. Soohong Kim	Implant 2.0: Cowellmedi where innovation comes to life
01 08:30-08:55	Dr. Claudio Sotomayor	New techniques for simultaneous hard and soft tissue management using rhBMP-2
02 09:00-09:25	Dr. Jorge O'Brien	Prosthetic considerations for long term stability
03 09:30-09:55	Dr. Alain Romanos	Implant complications in the esthetic zone: When to do what?
04 10:00-10:25	Dr. Hoyeol Jang	Innovative Approaches to Digital Implant Planning and Computer-Guided Implant Surgery assisted by INNO PLAN software
05 10:30-10:55	Dr. Myungjin Chung	Digitally Driven Dental Implant Prosthetics
06 11:00-11:25	Dr. Dongwon Park	Clinical considerations of successful implant in esthetic zone
07 11:30-11:55	Dr. Pil Lim	GBR recipe for successful bone regeneration
08 12:00-12:25	Prof. Ui-Won Jung	Sinus augmentation using rhBMP-2 What we wish and what we worry
12:25-13:30	-	Lunch
09 13:30-14:30	Dr. Seiyong Chun	Live Surgery : Full mouth rehabilitation with digitally guided surgery
10 14:30-15:30	Dr. Alejandro Vivas	All on 4 / FP1 full protocol analogic digital
15:30-16:00	-	Coffee Break
11 16:00-16:25	Prof. Reuben Kim	Medication-related osteonecrosis of the jaw and its implication in dental implants: Translating bench to chairside
12 16:30-16:55	Dr. Geunyong Lee	GBR and soft tissue graft
13 17:00-17:25	Prof. Jae-Kook Cha	Advances in BMP-2 delivery for Ridge Augmentation
14 17:30-18:30	Prof. Yongkun Kim	Peri implant crestal bone loss, prevention and therapy What we think we know
15 18:35-18:45	Dr. Seiyong Chun	Live Surgery Review
18:50-19:05	-	Poster competiton Award
19:05-20:30	-	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

OPENING CEREMONY [08:20 - 08:30]

Implant 2.0: Cowellmedi where innovation comes to life



Dr. Soohong Kim

Korea 

- Developer of Korea's First Dental Implant
- Developer of the World's First E.rhBMP-2
- Awarded the Order of Industrial Service Merit from the Korean Government for Contributing to the Development of Korea's First Dental Implant
- Professor, School of Dentistry, Busan National University (2016-2020)
- Visiting Professor, Periodontal Department, University of Southern California(2006-2008)
- Adjunct Professor, School of Dentistry, Busan National University (1998-2000)
- Ph.D, Graduate School of Dentistry, Pusan National University
- DDS, School of Dentistry, Pusan National University, Korea

SPEAKERS

SESSION 01 [08:30-08:55]

New techniques for simultaneous hard and soft tissue management using rhBMP-2



Dr. Claudio Sotomayor
Chile 🇨🇱

- DDS, University of Chile
- Specialist in oromaxillofacial implantology, Graduate School, University of Chile
- Perfection in Advanced Implantology. Faculty of Dentistry, University of Concepción
- Specialist in temporomandibular disorders and orofacial pain, CONACEO
- Master in Sleep: Physiology and Medicine, University of Murcia
- Biomimetic Mastership, Alleman Center of Biomimetic Dentistry
- Adjunct Professor of the Oromaxillofacial Implantology Specialty Program, Graduate School, University of Chile
- Private Practice, Director of Nueva Panorámica Dental Clinic, Santiago, Chile
- Director of the AOS training center implantology area, Santiago, Chile

SESSION 02 [09:00-09:25]

Prosthetic considerations for long term stability



Dr. Jorge O'Brien
Chile 🇨🇱

- DDS, University of Chile
- Specialist in Oral Rehabilitation, University of Chile
- Diploma in Implant Rehabilitation, University of Chile
- Diploma in Teaching for Health Careers, Diego Portales University
- Biomimetic Mastership, The Alleman Center (2018 and 2022)
- Owner and private practice at Nueva Panorámica Dental Clinic. Santiago, Chile
- Co-director of Diplomas in Adhesive Restorative Dentistry and Biomimetics in-person and blended versions, Diego Portales University
- Lecturer of In-Person, Blended, and Online Courses, National and International, AOS Academy

SPEAKERS

SESSION 03 [09:30-09:55]

Implant complications in the esthetic zone: When to do what?



Dr. Alain Romanos
Lebanon 🇱🇧

- DDM, University of Brussels (ULB), Belgium
- Founder & director of Lounge Dental Clinic, private practice limited to Periodontics, Esthetic & Implant surgery in Lebanon & Dubai, UAE
- Assistant Professor at the postdoctoral program of Periodontology at the Lebanese University
- Visiting Assistant Professor at the University of Alabama – Birmingham (USA)
- Diplomate of the American Academy of Periodontology
- Fellow of FICD & ITI
- Member of the American Academy of Periodontics
- Member of the Lebanese Dental Association and the Lebanese Periodontal Society

SESSION 04 [10:00-10:25]

Innovative Approaches to Digital Implant Planning and Computer-Guided Implant Surgery assisted by INNO PLAN software



Dr. Hoyeol Jang
Korea 🇰🇷

- Director of JHY Dental Clinic
- Oral and Maxillofacial Surgeon, Ministry of Health and Welfare of South Korea
- Diplomate, Korean Association of Maxillofacial Plastic and Reconstructive Surgery
- Vice chairman, Central Academy of Bone Regeneration
- Member, Korean Academy of Oral and Maxillofacial Implantology
- Oral and Maxillofacial Surgeon, Armed Forces Daejeon Hospital (Former)
- Director, Oral and Maxillofacial Surgery, Konyang University Hospital (Former)
- DDS, School of Dentistry, Pusan National University, Korea

SPEAKERS

SESSION 05 [10:30-10:55]

Digitally Driven Dental Implant Prosthetics



Dr. Myungjin Chung
Korea 🇰🇷

- Director of Guardians Dental Clinic
- Specialized in Advanced General Dentistry and Digitally Guided Surgery
- Management Policy Director, Korean Dental Association
- Director, Korean Association of Oral and Maxillofacial Surgeons
- Director, Korean Association of Maxillofacial Laser Dentistry
- Director, Korean Association of Geriatric Dentistry
- Member, Implant Dentistry Art & Science Faculty
- DDS, School of Dentistry, Pusan National University, Korea

SESSION 06 [11:00-11:25]

Clinical considerations of successful implant in esthetic zone



Dr. Dongwon Park
Korea 🇰🇷

- Director of Park Avenue Dental Clinic
- Director of Korean Academy of Oral and Maxillofacial Implantology
- Fellowship, Ashman Department of Implant Dentistry, New York University College of Dentistry
- Associate Professor, Prosthodontics, Ewha Womans University Mokdong Hospital
- Member, American Board of Prosthodontics
- Member, Korean Academy of Oral and Maxillofacial Implantology
- Member, American Academy of Implant Dentistry
- Clinical Professor, Prosthodontics, New York University College of Dentistry (Former)
- DDS, School of Dentistry, Pusan National University, Korea

SPEAKERS

SESSION 07 [11:30-11:55]

GBR recipe for successful bone regeneration



Dr. Pil Lim
Korea 🇰🇷

- Director of NY Pil Dental Clinic
- Professor, Department of Implantology The Catholic University of Korea
- Diplomate, NYU Continuing Dental Education Program
- Diplomate, ICOI
- Member, Korean Academy of Esthetic Dentistry
- President, Society of Korea Clinical Dentistry
- DDS, College of Dentistry, Wonkwang University, Korea

SESSION 08 [12:00-12:25]

Sinus augmentation using rhBMP-2 What we wish and what we worry



Prof. Ui-Won Jung
Korea 🇰🇷

- Past Chair, Department of Periodontology, Dental Hospital, Yonsei University College of Dentistry, Seoul, Korea
- Past Vice Director of Dental Hospital, Yonsei University College of Dentistry, Seoul, Korea
- Past Vice Dean of Research Affair, Yonsei University College of Dentistry, Seoul, Korea
- ITI Fellow, Education delegate in Section Korea
- Osteology Foundation Expert Council Member
- EAO Ambassador Korea
- Andre Schroeder Research Award 2018, 2019, 2020.
- Published more than 210 papers in international peer-reviewed journals

SPEAKERS

SESSION 09 [13:30-14:30]

Live Surgery : Full mouth rehabilitation with digitally guided surgery



Dr. Seiyong Chun
Korea 🇰🇷

- Director of Digital Hub Dental Clinic
- Residency in Orthodontics, Inha University
- Director, Korean Academy of Esthetic Dentistry
- Director, ICOI Korea
- Director, Academy of Infection control in Dentistry
- Director, WCUPS
- Board, Respect Standard, KDA
- DDS, College of Dentistry, Wonkwang University, Korea

SESSION 10 [14:30-15:30]

All on 4 / FP1 full protocol analogic digital



Dr. Alejandro Vivas
Venezuela 🇻🇪

- 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 11 [16:00-16:25]

Medication-related osteonecrosis of the jaw and its implication in dental implants: Translating bench to chairside



Prof. Reuben Kim
USA 🇺🇸

- American Association for Dental Research (AADR)
- International Association for Dental Research (IADR)
- American Association for Cancer Research (AACR)
- Dental Research Institute (DRI), UCLA School of Dentistry
- Jonsson Comprehensive Cancer Center (JCCC), UCLA
- Joint Research Institute in Science and Engineering (JRI), UCLA
- American Society for Bone and Mineral Research (ASBMR)

SESSION 12 [16:30-16:55]

GBR and soft tissue graft



Dr. Geunyoung Lee
Korea 🇰🇷

- Director of Charm Dental Clinic
- Member, The Korean Academy of Oral & Maxillofacial Implantology
- Member, The Korean Academy of Prosthodontics
- Member, Korean Academy of Esthetic Dentistry
- Director, Clinical Dentistry Program
- DDS, School of Dentistry, Pusan National University, Korea

SPEAKERS

SESSION

13

[17:00-17:25]

Advances in BMP-2 delivery for Ridge Augmentation



Prof. Jae-Kook Cha

Korea

- DDS, College of Dentistry, Yonsei University, Korea
- Specialist in Periodontology, Yonsei University, Dental Hospital
- Ph.D. College of Dentistry, Yonsei University.
- Visiting Scholar, Complutense University of Madrid
- Osteology Foundation Expert Council Member
- Associate Professor, College of Dentistry, Yonsei University, Korea

SESSION

14

[17:30-18:30]

Peri implant crestal bone loss, prevention and therapy. What we think we know



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.



A DAY IN SEOUL

The older a city becomes, the more it tends to search its past to learn the meaning of today and develop a vision for tomorrow. The historic city of Seoul is transforming into an open city bursting with new energy by throwing open previously closed doors and connecting pathways that used to be blocked. As a city where people from all around the world gather together and share their ideas and warmth, Seoul is making stunning progress through communication, cooperation, and creation.

MOVING FORWARD IN A INNOVATORY SEOUL

1. The Five Royal Palaces of Seoul



The five palaces of Seoul are royal palaces of the Joseon Dynasty and symbols of Korea's culture and history. Each palace has its unique charms: Gyeongbokgung Palace, the royal residence; Changdeokgung Palace, a UNESCO World Heritage Site inscribed in 1997 with remarkable beauty; Deoksugung Palace, a combination of Korean aesthetics and Western architecture; Changgyeonggung Palace, now restored from the damages caused by Japanese occupation; and Gyeonghui-gung Palace, humble and simple.

- 📍 Gyeongbokgung Palace: 161 Sajik-ro, Jongno-gu, Seoul / +82-2-3700-3900
- 📍 Changdeokgung Palace: 99 Yulgok-ro, Jongno-gu, Seoul / +82-2-3688-2300
- 📍 Deoksugung Palace: 99 Sejong-daero, Jung-gu, Seoul / +82-2-771-9955
- 📍 Changgyeonggung Palace: 185 Changgyeonggung-ro, Jongno-gu, Seoul / +82-2-762-4868
- 📍 Gyeonghui-gung Palace: 45 Saemunan-ro, Jongno-gu, Seoul / +82-2-724-0274

2. Dongdaemun Design Plaza (DDP)



This cultural space and design platform is a hub of exhibitions, fashion shows, conferences, and events both domestic and international. Its distinct curves and mega-sized roof are a triumph of 3D asymmetrical architecture. This design, which symbolizes Dongdaemun area in the state of flux, was designed by the British Iraqi architect Zaha Hadid. The area includes Dongdaemun Market and other interesting sights.

📍 281 Eulji-ro, Jung-gu, Seoul / +82-2-2153-0000

3. Seoul Forest



This interactive park is the first of its kind and has become a representative foreststructured park made in collaboration with its citizens. In spring, the cherry blossoms and tulips bloom and in summer, the ground fountain and water playground opens for everyone to enjoy. Visitors can also participate in various eco experiences at the Butterfly Garden, Deer Habitat, and Insect Garden. The Mirror Pond, Land of Giants, and ginkgo tree forest are the perfect spots for beautiful photos. There are also various cultural and experience events as well as picnics at the main grass field.

📍 273 Ttukseom-ro, Seongdong-gu, Seoul / +82-2-460-2905

4. Seoul Sky & Lotte World



Perched from the 117th to the 123rd floors of Lotte World Tower, the tallest building in Korea and the fifth tallest globally, Seoul Sky offers a 360-degree panoramic view of Seoul from 500 meters above ground. The Sky Deck, a 478-meter-high observatory, is registered in the Guinness World Records as the world's highest glass-floored observatory. Lotte World is a cultural attraction consisting of Lotte World Adventure (indoor theme park), Magic Island (outdoor theme park), a shopping mall, and more.

- 📍 Seoul Sky: 300 Olympic-ro, Songpa-gu, Seoul
- 📍 Lotte World: 240 Olympic-ro, Songpa-gu, Seoul

5. N Seoul Tower



This broadcast and observation tower was opened to the public as Seoul Tower in 1980. Standing at 236.7 meters upon the 243-meter-high Namsan Mountain makes this tower 479.7 meters above sea level in total. The observation deck at the top offers a 360-degree view of Seoul and dining services. Seoul Tower Plaza refers to B1 to P4, while N Seoul Tower refers to the observatory and transmission tower. It was designated as a Seoul Future Heritage in 2018.

- 📍 105 Namsangongwon-gil, Yongsan-gu, Seoul / +82-2-3455-9277

6. Ikseon-dong



This urban hanok village was created in 1920s and 1930s as a common people residential complex. Unlike the hanok villages of Bukchon or Seochon, the houses here tend to be smaller and humbler. Today's Ikseon-dong is a quirky collection of cafes, restaurants, and shops, mostly with retro aesthetics, and its popularity spread like a wildfire following the newtro revival among the youths.

- 📍 Ikseon-dong, Jongno-gu, Seoul / +82-2-2148-1114

A time to indulge in Seoul!

K-FOOD STORY IN A HAPPY SEOUL

1. Grilled thin-sliced pork belly



This is frozen pork belly thinly sliced as if it was planed. Thanks to its thinness, it cooks quickly over heat. This dish has garnered many fans, as the unique smell of pork is lost while the savory flavor remains.

main ingredient : pork

2. Jumbo Galbi and Seaweed Soup



The star of this Seaweed Soup variant is the galbi. With boiled-down whole ribs to create this rich soup, this dish benefits from the seamless harmony between the chewy galbi meat and tender seaweed. Seaweed is low in calories and fat, making it ideal for weight loss, while its dietary fiber content makes it ideal for preventing constipation. Its rich calcium content helps to strengthen one's bones. What's more, this dish excels in the visuals as well, as the sight of a jumbo galbi swimming in the soup is both appetizing and satisfying.

main ingredient : Seaweed, beef galbi, green onions

3. Snow Crab Hot Stone Pot Bibimbap

Crabs are in season from winter to spring. If you visit Uljin at the beginning of the cold wind, don't miss the Snow Crab Hot Stone Pot Bibimbap. Along with Yeongdeok, Uljin is well-known as a snow crab collection area. Snow crabs that are rich in protein are considered healthy foods in the winter. Soft crab meat, sustainably harvested seasonal vegetables, and popping flying fish roe are served generously on the rice. It is a stone pot that does not cool down easily, so you can eat up to the last, warm spoon to melt even the cold of winter.

main ingredient : Snow crab, rice, flying fish roe, various vegetables, marinated crab



4. Seoul Sky & Lotte World



After applying soy sauce to the crispy fried chicken, it is fried again, much like sweet and spicy chicken. When you hear its name, you might think of a chicken with a strong, salty taste like soy sauce, but the savory flavor of fried chicken and sweet and salty soy sauce spreads in your mouth. Although it has now become a common type of chicken, Daegu chicken was the original in 1978. Back in 1991, in Gumi, an employee who worked there developed soy sauce seasoned fried chicken and spread it nationwide.

main ingredient : Chicken, fried powder, cooking oil, soy sauce, sugar

6. Hard Clam Soup (baekhaptang)



Hard clams, also called baekhapp in Korean, are known for their savory and sweet taste of the hard clam meat. The milky broth is quite refreshing. Only some peppers and crown daisy are added to the soup to highlight the natural flavor of the clams.

main ingredient : hard clams

5. Stir-fried White Sundae

If you go to Sillim-dong, Seoul, there is Sundae Town, where sundae restaurants are gathered. There are buildings where restaurants selling stir-fried blood sausage, which have long been loved as food for ordinary people since the 1970s, gather and operate. Here, Stir-fried White Sundae seasoned with salt and soy sauce is more popular than red Spicy Stir-fried Sundae stir-fried with red pepper powder seasoning.

main ingredient : Sundae, onions, cabbage, chewy noodles, sesame leaves



7. Napa Wraps with Pork and Oysters

It is a food that is wrapped in cabbage wraps with spicy seasoned radish on fresh oysters and boiled pork slices. Oysters, which are nutritious enough to be called "milk from the sea," taste sweet with a chewy texture when eaten raw, and have a light savory taste when grilled or steamed. Put raw oysters, boiled pork slices, salted shrimp, radish, and kimchi on cabbage wraps and eat them all at once. Chewy meat, crispy radish, and spicy kimchi are harmonized and the taste was balanced well. It tastes good with Unrefined Rice Wine.

main ingredient : Oyster, pork, kimchi, radish, cabbage, salted shrimp

