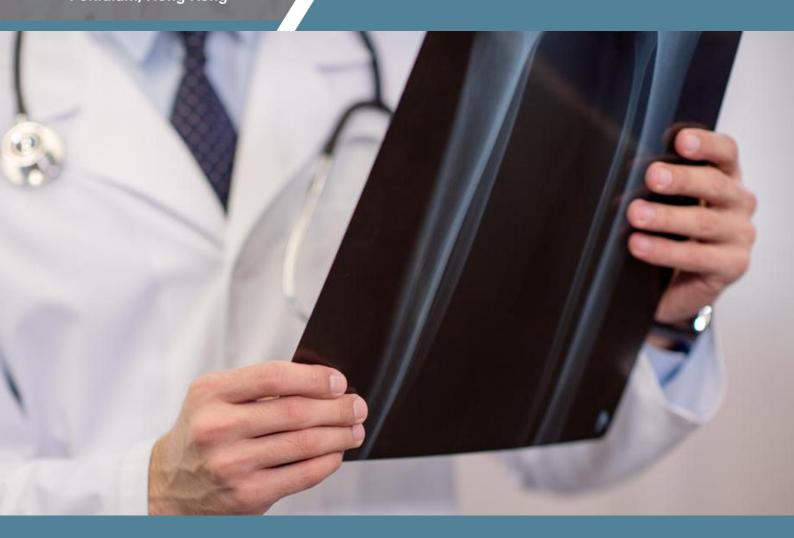


# HKU International Musculoskeletal Tumour Course

Lecture Theatre 1, 1/F, No. 3 Sassoon Road, Pokfulam, Hong Kong  $29 \, \text{Fri} \, -30 \, \text{Sat} \, \, \text{NOV} \, 2024$ 



## PROGRAM BOOK









# CONTENT

Welcome Message	3
Organizing Committee	7
Regional and Overseas Speakers	8
Local Speakers	9
Moderators	10
Program	12
Accreditations	14
Acknowledgement of Sponsors	15
Sponsor's Advertisement	16

#### **DEPARTMENT CHAIRPERSON**



Prof. Jason CHEUNG
Department Chairperson
Department of Orthopaedics and Traumatology
School of Clinical Medicine
The University of Hong Kong

It is a great pleasure to welcome you to the 6th HKU International Tumour Course. Now in its sixth year since incorporation, the Course has been a remarkable opportunity for knowledge exchange in the Orthopaedic Oncology community.

We are excited to host a diverse lineup of speakers who will address a wide range of topics, from tried-and-true principles to innovative treatment strategies and research. As we engage over these two days, I encourage you to actively participate in interactive discussions and lectures. This course is designed to promote dynamic dialogue and the exchange of ideas, which are crucial for advancing our collective efforts in combating musculoskeletal tumours.

I would like to express my heartfelt thanks to our local and non-local faculty members for their invaluable support in making this course possible. Your dedication greatly enhances our discussions and learning experience. I would also like to thank our sponsors for their generous support of the course.

Thank you for being part of this important annual event. We hope that you will enjoy an inspiring and productive course with us over the next two days.

#### **COURSE DIRECTOR**



Prof. Pietro RUGGIERI
Professor
Department of Orthopedics and Orthopedic Oncology
University of Padova

Dear Esteemed Colleagues and Friends,

It is with great excitement that I present to you the much-anticipated sixth edition of HKU International Musculoskeletal Oncology Course, an exceptional learning experience.

This unique opportunity invites you to participate in a high-caliber review course that not only assembles the foremost orthopedic oncology experts, but also fosters connections and idea exchange among colleagues from different parts of the world. Celebrating this edition, HKU Course continues its legacy of remarkable success, emerging as a vital course for those aiming to deepen and update their knowledge in musculoskeletal tumors. The Course allows participants to test their acquaintance in this field, improve clinical thinking, and engage in discussions with the faculty on various clinical scenarios.

This high-quality and comprehensive Course would not be possible without an excellent Organizing Committee and the tremendous efforts of the Directors Prof. PQ Wu and Dr. Raymond Yau, to whom go my heartfelt thanks.

We are confident that this edition of HKU Course will deliver a cutting-edge learning experience: your participation promises not only professional growth, but also an enjoyable and enriching experience.

Looking forward to meeting you in Hong Kong!

#### **COURSE DIRECTOR**



Prof. PQ WU
Chief, Professor
Department of Orthopaedics
National Yang Ming Chiao Tung University

Dear Bone Tumor Specialists,

Thank you for taking the time to join this conference amidst your busy schedules. Treating bone tumors has always been a challenging endeavor—not only because of the small number of cases, the complexity of treatment, and the difficulty in making accurate diagnoses, but also due to the fact that many of our patients are young. This impacts not just the individual but the entire family, making each step of the treatment process a shared responsibility toward both the patient and their loved ones. It's encouraging to see how quickly bone tumor treatment is advancing, with countries worldwide working to develop cutting-edge technologies and therapies. These strides not only bring new hope to patients but also inspire us as healthcare professionals to keep pushing the boundaries of our knowledge and skills.

I hope this conference provides an opportunity for everyone to gain valuable insights, share experiences, and enhance their expertise. May we take what we learn here back to our countries to offer better care and improve the lives of those affected by bone tumors. Together, let's continue to move forward and create a brighter future for all our patients.

#### **COURSE DIRECTOR**



Dr. Raymond YAU
Honorary Clinical Assistant Professor
Department of Orthopaedics and Traumatology
School of Clinical Medicine,
The University of Hong Kong

On behalf of the organizing committee, I am thrilled to welcome you to the 6th HKU International Musculoskeletal Tumour Course.

This course is designed to provide a platform for medical professionals interested in the management of musculoskeletal tumours to learn both foundational concepts and the latest updates in this complex and important sub-specialty. In its 6th iteration, we are thrilled to collaborate with **National Yang Ming Chiao Tung University**, and to strengthen our partnership with the **University of Padova**. Together, we aim to cultivate a dynamic environment that fosters knowledge exchange and broaden the range of expertise and insights shared during the course.

I would like to extend my heartfelt gratitude to our distinguished faculty members, whose willingness to share their expertise and experiences enriches our course immensely. Additionally, I want to express sincere appreciation to our sponsors for their unwavering support. Their commitment to advancing education in this field ensures that we can gather resources and create an exceptional learning environment for all participants.

I encourage each of you to engage actively throughout the course. Your participation is vital for fostering discussions that are both interactive and enlightening, ultimately making this event a truly enriching experience. Welcome, and I look forward to an inspiring journey ahead!

# **ORGANIZING COMMITTEE**

#### **Course Directors**

#### **Prof. Pietro RUGGIERI**

Department of Orthopedics and Orthopedic Oncology,

University of Padova

#### Prof. PQ WU

Department of Orthopaedics, National Yang Ming Chiao Tung University

#### Dr. Raymond YAU

Department of Orthopaedics and Traumatology, School of Clinical Medicine,
The University of Hong Kong

#### **Members**

#### Dr. Kenneth HO

Department of Orthopaedics and Traumatology, School of Clinical Medicine, The University of Hong Kong

#### Dr. Ying Lee LAM

Department of Orthopaedics and Traumatology, School of Clinical Medicine, The University of Hong Kong

#### Dr. Anderson LEUNG

Department of Orthopaedics and Traumatology, School of Clinical Medicine, The University of Hong Kong

#### **Secretarial Support**

#### Ms. Cherlyne CHUNG

Department of Orthopaedics and Traumatology, School of Clinical Medicine, The University of Hong Kong

#### Ms. Karen TSE

Department of Orthopaedics and Traumatology, School of Clinical Medicine,
The University of Hong Kong

# REGIONAL AND OVERSEAS SPEAKERS

#### **Prof. Chao-Ming CHEN**

Assistant Professor
Department of Orthopaedics
National Yang Ming Chiao Tung University

#### Prof. Xiao Hui NIU

Professor

The Fourth Clinical School of Peking University
The Clinical Teaching Hospital of Tsinghua University
The Affiliated Hospital of Capital Medical University
Beijing Jishuitan Hospital

#### Prof. Eduardo ORTIZ-CRUZ

Chief Orthopedic Oncology Surgery Section Hospital Universitario La Paz

#### Prof. Pietro RUGGIERI

Full Professor and Chairman
Department of Orthopedics and Orthopedic Oncology
University of Padova

#### **Prof. Jin WANG**

Chair Professor Musculoskeletal Oncology Department Sun Yat-sen University Cancer Center

#### Prof. PQ WU

Chief, Professor
Department of Orthopaedics
National Yang Ming Chiao Tung University

## **LOCAL SPEAKERS**

#### **Dr. Carol CHIEN**

Specialist in Radiology Hong Kong Women Imaging Hong Kong Medical Imaging

#### Dr. Benjamin FANG

Specialist in Radiology
Department of Radiology
Hong Kong Sanatorium & Hospital

#### Dr. Kenneth HO

Honorary Clinical Associate Professor Department of Orthopaedics and Traumatology School of Clinical Medicine The University of Hong Kong

#### Dr. Vince LAU

Consultant Radiologist
Department of Radiology
Gleneagles Hospital Hong Kong

#### Dr. Dennis LEUNG

Consultant
Department of Clinical Oncology
Queen Mary Hospital

#### Dr. Jeffrey WONG

Resident
Department of Medical Oncology
Queen Mary Hospital

#### Dr. Maximus YEUNG

Clinical Assistant Professor Department of Pathology School of Clinical Medicine The University of Hong Kong

## **MODERATORS**

#### Dr. Bilgehan ÇEVIK

Clinical Associate
Department of Orthopaedics and Traumatology
Queen Mary Hospital

#### Dr. Kelvin CHEUNG

Clinical Assistant Professor
Department of Orthopaedics and Traumatology
School of Clinical Medicine
The University of Hong Kong

#### Dr. Kenneth HO

Honorary Clinical Associate Professor Department of Orthopaedics and Traumatology School of Clinical Medicine The University of Hong Kong

#### Dr. Ying Lee LAM

Honorary Clinical Associate Professor
Department of Orthopaedics and Traumatology
School of Clinical Medicine
The University of Hong Kong

#### Dr. Yvette LAM

Associate Consultant
Department of Orthopaedics and Traumatology
Queen Elizabeth Hospital

#### Dr. Jacky LAU

Resident Specialist
Department of Orthopaedics and Traumatology
Prince of Wales Hospital

## **MODERATORS**

#### Dr. Anderson LEUNG

Honorary Clinical Assistant Professor Department of Orthopaedics and Traumatology School of Clinical Medicine The University of Hong Kong

#### Dr. Gabriel LEUNG

Honorary Clinical Tutor
Department of Orthopaedics and Traumatology
School of Clinical Medicine
The University of Hong Kong

#### Dr. Moses LI

Associate Consultant
Department of Orthopaedics and Traumatology
Prince of Wales Hospital

#### **Dr. Tony SHEK**

Honorary Clinical Associate Professor Department of Pathology School of Clinical Medicine The University of Hong Kong

#### Dr. Raymond YAU

Honorary Clinical Assistant Professor Department of Orthopaedics and Traumatology School of Clinical Medicine The University of Hong Kong

# PROGRAM

### 29 NOVEMBER 2024 (DAY 1)

Time	Topic	Speaker			
09:00-09:05	Opening remarks	Course Directors			
	Session 1: Basic assessments (1)				
09:05-09:30	Moderators: Dr. Raymond YAU, Dr. Jacky LAU	Dr. Carol CHIEN			
	Principles of bone imaging	Dr. Benjamin FANG			
09:30:09:55	Principles of soft tissue imaging	Dr. Kenneth HO			
09:55-10:20	No-touch lesions	Dr. Kenneth HO			
10:20 <mark>-</mark> 10:30	Q&A				
10:30-10:50	Break				
	Session 2: Basic assessments (2)  Moderators: Dr. Anderson LEUNG, Dr. Tony SHEK				
10:50-11:10	Biopsy principles	Prof. PQ WU			
11:10-11:50	Principles of bone & soft tissue pathology	Dr. Maximus YEUNG			
11:50-12:00	Q&A				
	Session 3: Case discussion				
	Moderators: Dr. Raymond YAU, Dr. Gabriel LEUNG				
12:00-12:45	Panel: Session 1 & 2 Speakers Case discussion				
12:45-13:45	Lunch break				
12.40-13.40	Session 4: Malignant bone tumour (1)				
	Moderators: Dr. Ying Lee LAM, Dr. Moses LI				
13:45-14:10	Osteosarcoma and principles of management	Prof. Jin WANG			
14:10-14:35	Chondrosarcoma and principles of management	Prof. Xiao Hui NIU			
14:35-15:00	Resection of bone tumour and new advances	Prof. Pietro RUGGIERI			
15: <mark>0</mark> 0-15:10	Q&A				
15:10-15:30	Break				
	Session 5: Case discussion				
	Moderators: Dr. Anderson LEUNG, Dr. Kelvin CHEUNG				
15:30-17:00	Panel: Session 4 Speakers Case discussion				
17:00-17:05	Closing remarks and announcement				
17.00-17.03	Olosing remarks and announcement				

# **PROGRAM**

### 30 NOVEMBER 2024 (DAY 2)

Time	Topic	Speaker		
08:45-08:50	Opening remarks	Dr. Kenneth HO		
	Session 6: Management principles			
08:50-09:15	Moderators: Dr. Kenneth HO, Dr. Kelvin CHEUNG	Dr. Joffroy Wong		
06.50-09.15	Systemic treatment in MSK tumour: oncologist's perspective	Dr. Jeffrey Wong		
09:15-09:40	Radiotherapy in MSK tumour	Dr. Dennis LEUNG		
09:40-10:05	Interventional radiology	Dr. Vince LAU		
10:0 <mark>5</mark> -10:15	Q&A			
10:15-10:35	Break			
	Session 7: Malignant bone tumour (2)			
40.25 44.00	Moderators: Dr. Anderson LEUNG, Dr. Bilgehan ÇEVIK	Draf Vice Hei NIII		
10:35-11:00	Prosthetic bone reconstruction	Prof. Xiao Hui NIU		
11:00-11:25	Biological bone reconstruction	Prof. PQ WU		
11:25-11:50	Surgery of pelvic tumours	Prof. Eduardo ORTIZ-CRUZ		
11:50-12:00	Q&A			
	Session 8: Case discussion			
	Moderators: Dr. Gabriel LEUNG, Dr. Bilgehan ÇEVIK			
12:00-12:50	Panel: Session 6 & 7 Speakers Case discussion			
12:50-13:50	Lunch break			
	Session 9: Soft tissue sarcoma			
	Moderators: Dr. Kenneth HO, Dr. Yvette LAM			
13:50-14:15	Soft tissue sarcoma and surgical planning	Prof. Eduardo ORTIZ-CRUZ		
14:15-14:35	Soft tissue reconstruction	Prof. Pietro RUGGIERI		
14:3 <mark>5</mark> -14:45	Q&A			
	Session 10: Other tumours			
14.45 15:10	Moderators: Dr. Ying Lee LAM, Dr. Yvette LAM	# Drof Chao Ming CHEN		
14:45-15:10	Giant cell tumour	# Prof. Chao-Ming CHEN (online format)		
15: <mark>10-</mark> 15:35	Bone metastasis	Prof. Jin WANG		
15:35-15:45	Q&A			
15:45-16:00	Break			
0.10	Session 11: Case discussion			
	Moderators: Dr. Raymond YAU, Dr. Kelvin CHEUNG			
	Woderators. Dr. Naymond TAO, Dr. Newin Cricond			
	Panel: Session 9 & 10 Speakers			
16:05-17:00 16:55-17:00		Dr. Anderson LEUNG 13		

# ACCREDITATIONS

	Credit Points Awarded		
College / Association	Day 1 (29 Nov)	Day 2 (30 Nov)	Max. for Whole Function
The Hong Kong College of Orthopaedics Surgeons (HKCOS)	8 Cat A Points / 3 Rehab Points		
Hong Kong College of Radiologists (HKCR)	6 (Cat. A)	6.5 (Cat. A)	N/A
The Hong Kong College of Pathologists (HKCPATH)	6 (Cat. PP)	6 (Cat. PP)	N/A
The Hong Kong College of Family Physicians (HKCFP)	5 CME (Cat 5.2)	5 CME (Cat 5.2)	10 CME
The College of Surgeons of Hong Kong (CSHK)	6 CME	6 CME	12 CME
CNE/ PEM Accreditation Panel	6 CNE	6.5 CNE	12.5 CNE
Hong Kong Physiotherapy Association Ltd. (HKPA)	Pending	Pending	N/A
Occupational Therapists Board	Pending	Pending	N/A
Hong Kong Society of Certified Prosthetist-Orthotists (HKSCPO)	5 CPD point (Cat. A)	5 CPD point (Cat. A)	10 CPD point (Cat. A)
Hong Kong College of Physicians	2 CME (Active); 1 CME (Passive)		3 CME

# **ACKNOWLEDGEMENTS**

**DIAMOND** 



**PLATINUM** 





**GOLD** 





(By alphabetical order)

#### CUSTOMIZED ONE-STOP MEDICAL SOLUTIONS





#### **ABOUT** US

IMPLANTS | PSIs | REHABILITATIVE SOLUTIONS

Koln 3D is a pioneering metal 3D-printing medical supplier, specialized in providing one-stop healthcare solutions.

Bridging the expertise of doctors and bioengineers, Koln 3D employs the latest AI and robotic technologies to produce case-specific medical devices, including implants, surgical guides and instruments. Koln 3D products improve surgical outcomes with patient-matched and case-specific designs. Since 2016, over 100 cases have been successfully conducted with our personalized solutions.

#### ONE-STOP **INNOFACTURE**

DOCTOR-BIOENGINEER COLLABORATION



1. CT Scanning & Diagnosing



2. DICOM Segmentation



3. Surgical Planning





4. Product Design



5.3D-Printing & Finishing



6. Packaging & Delivery

#### **PRODUCT LINES** MPLANTS Compact Visible under X-ray **Specializations** Pressure resistant Orthopaedics & Trauma 150-350MPa Oral & Maxillofacial GUIDES Heat resistant Customizable porous structures Clean horizontal cuts Minimized cutting site Drug Carrying Bone Plate Cutting procedure & SCREWS Localized microfluidic drug release mechanism Deviation Optimized dosage BONE PLATES and delivery length NSTRUMENTS Bone Fusion Porous Screw Porous promotes **Full-customization** bone growth Size, Weight & Materials Optimized bone-implant **Engraving Service** intergration

#### **OUR METAL 3D-PRINTING POWDERS**

Provided exclusively by Sandvik Osprey Ltd.

- KOLN3DCobaltChrome (ASTM F75)
- KOLN3DTi6Al4VGrade23 (ASTM F136)
- KOLN3D316LM (ASTM F138)

- Biocompatible ASTM standard materials
- Manufacturing site compliant to ISO 13485:2016
- ISO 10993 compliant

Haemocompatibility, Cytocompatibility, Implantation Safe

### medical.koln3d-tech.com



Koln 3D Technology (Medical) Limited Room 322, 3/F Core Biulding 2, Hong Kong Science Park, Shatin, Hong Kong

#### WORKSHOP:

Koln 3D Medical Manufacture Limited Unit 402, 4/F, MARS Centre, 2 Dai Wang Street, Tai Po, N.T., Hong Kong

#### **DONGGUAN WORKSHOP**

Koln Medical Devices (Guangdong) Co., Ltd. Dongguan Branch Room 103, No.36 Yuanwutang Road, Changping Town, Dongguan, Guangdong

#### **EU WORKSHOP:**

Koln3D Technology SA Niveau 3, Atelier 4, Boulevard des Eplatures 64, 2300 La Chaux-de-Fonds, Switzerland

#### **IMPLANTS & PSIs**

CASE OVERVIEW: TUMOR & TRAUMA AND REALIGNMENT



#### SACRUM IMPLANT

Sacral reconstruction

#### Osteoinductive porous structure Optimzed implant integration Intramedullary rods Fixed on the implant

Customized special design

Smooth design on the back & T5 fixture

#### CRANIAL IMPLANT

Cranioplastry

#### **KOLN3DTi6AI4V Titanium alloy**

Sturdy and lightweight

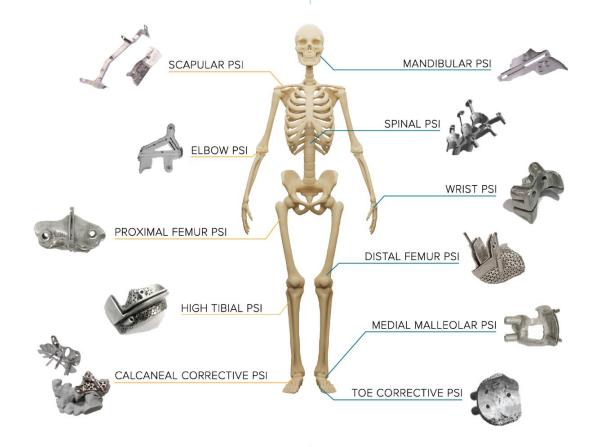
#### Precision additive manufacture

0.8mm thickness & 0.5mm edges

#### Customized special design

Porous size < 1mm2 holes & extra screw holes





#### PELVIC IMPLANT & PSI SET

Pelvic resection



#### STERNUM IMPLANT

Sternum replacement

#### KOLN3DTi6Al4V Titanium alloy

Sturdy and lightweight

#### Osteoinductive porous structure

Allow flow of body fluids

#### **Customized special design**

Allow ribs to move & extra screw holes





Koln 3D Technology (Medical) Limited Room 322, 3/F Core Biulding 2, Hong Kong Science Park, Shatin, Hong Kong

#### WORKSHOP:

Koln 3D Medical Manufacture Limited Unit 402, 4/F, MARS Centre, 2 Dai Wang Street, Tai Po, N.T., Hong Kong

#### **DONGGUAN WORKSHOP**

Koln Medical Devices (Guangdong) Co., Ltd. Dongguan Branch Room 103, No.36 Yuanwutang Road, Changping Town, Dongguan, Guangdong

#### **EU WORKSHOP:**

Koln3D Technology SA Niveau 3, Atelier 4, Boulevard des Eplatures 64, 2300 La Chaux-de-Fonds, Switzerland



# Uniting to advance patient care

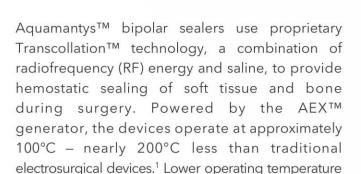
We're committed to providing innovative technologies and industry-leading clinical support to help surgeons and healthcare providers deliver better care around the globe. We now have one of the most comprehensive offerings of musculoskeletal procedural solutions and enabling technologies to impact the care continuum. Our employees are relentlessly focused on changing patient lives.

globusmedical.com/Uniting

### Medtronic

### Aquamantys<sup>™</sup> bipolar sealers

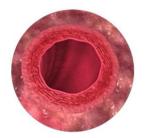
# More Control



allows for the desired tissue effect without the

smoke and char found in other methods.

Aquamantys™ MBS Malleable Bipolar Sealer with Light



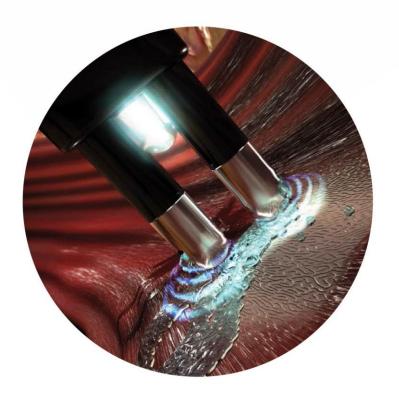
Step 1
RF energy and saline are applied to tissue



Step 2
Heat-induced collagen shrinkage occurs



Step 3
Vessels < 1 mm may be occluded



#### References

1. Geller DA, Tsung A, Maheshwari V, et al. Hepatic resection in 170 patients using saline-cooled radiofrequency coagulation. HPB 2005;7:208-213.

For healthcare professionals only.

For more information:
Medtronic Hong Kong Medical Limited
1104-11, 11/F, Tower 1, The Gateway, Tsim Sha Tsui, Kowloon
TEL: (852) 2919 1300 FAX: (852) 2838 0749
www.medtronic.com





# A unique synthetic biodegradable dermal matrix.

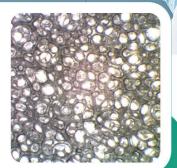
Designed to facilitate complex wound closure via a scaffold support for cellular activity, and rapid cell ingrowth due to high porosity.

Indicated for full or deep partial thickness burns and wounds, surgical and reconstructive wounds and traumatic wounds.

#### OPEN CELL MATRIX

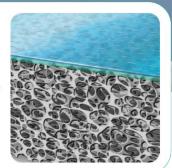
The 2 mm bioabsorbable matrix architecture, breaks a macro wound into a series of interconnected micro wounds that the body can readily heal.

Photomicrograph



### FENESTRATED SEALING MEMBRANE

The outer sealing membrane limits evaporative moisture loss, provides a barrier to outside bacteria<sup>1,2</sup> and temporarily closes the wound<sup>2,3</sup>



PolyNovo Biomaterials Pty Ltd 2/320 Lorimer Street, Port Melbourne, Victoria 3207 Australia T +61 3 8681 4050 info@polynovo.com

Discover more: PolyNovo.com

The information presented is exclusively aimed at healthcare professionals only. Always read and follow the labels and the instructions for use.

References: 1. Wagstaff MJD, Schmitt BJ, Coghlan P, Finkemeyer JP, Caplash Y, Greenwood JE. A biodegradable polyurethane dermal matrix in reconstruction of free flap donor sites: a pilot study. ePlasty 2015; 15:102–18. 2. Greenwood JE, Dearman BL. Comparison of a sealed, polymer foam biodegradable temporizing matrix against Integra® dermal regeneration template in a porcine wound model. J Burn Care Res. 2012; 33:163-73. 3. Dearman BL, Li A, Greenwood JE. Optimization of a polyurethane dermal matrix and experience with a polymerbased cultured composite skin. J Burn care Res. 2014; 35(5): 437-48.



# Tornier Perform<sup>®</sup> Humeral Stem

#### Refined. Reproducible.

#### Ready for anything.

Our relentless pursuit of shoulder arthroplasty innovation continues. Elevated by Blueprint 3D Planning Software and the market-leading Perform anatomic and reverse glenoid, the Tornier Perform Humeral Stem offers clinical solutions from your most simple to complex cases.





#### Elevated by Blueprint

Tornier Perform Humeral Stem is fully Blueprint enabled and leverages all features that aid in determining the optimal plan. Combining the Perform family of implants with Blueprint 3D Planning Software allows surgeons to assess their glenoid strategy, position the stem and review the full construct with Blueprint's advanced features.



# 

#### HUMAN DIGITAL TWINS FOR SURGICAL GUIDANCE

#### **ABOUT US**

We automate the creation of mixed reality replicas of patient's anatomy to use before, during, and after medical procedures and simulation training.

Virtual Reality (VR) Completely Virtual

Augmented Reality (AR) Virtual + Physical

Mixed Reality (MR) Virtual + Physical + 3D Location

BENEFITS

Syngular offers a cost

effective platform with

benefits such as real-time

visualization in the

operating room, patient

superimposing, and

automated MR production. Our solution promotes

remote collaboration,

digitization, and data

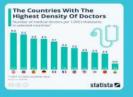
generation for improved learning opportunities, ensuring an engaging and

efficient user experience in surgical guidance.

#### **PROBLEMS**

Surgeons / Physicians Shortage

Demand for higher productivity and extend the scope of duty from the others



**Steep Learning Curve** Can we increase the supply?

**Demand for cost** effective solutions



#### SOLUTIONS



#### **MR Guided Surgery**

Reduce surgical time by

- Shorter hospital stay
- Smaller incision, less blood loss



#### **Immersive Remote Collaboration**

- Immediate access to experts
- · Reduce entry of restricted zone
- · Easier to observe surgery
- Reduce travel time







**Patient Digital Twins Generation** 

Modelling time from

3-5 davs 🞩 1 hour

Avoid handover of medical images to external party

#### PRODUCT SPECIFICATIONS

#### Display elements

· 3D models, CT, MRI, X-ray, Planning Report (PDF), Video Conference Portal, camera live view

#### Display adjustment

· Slide bar for XYZ direction, preset buttons for 3D model scenarios (opacity & type of tissue)

#### Mode of interaction

· Gesture, eye tracking, voice command, remote control by tablet or PC

#### Compatible devices

· PC, iPad, Hololens 2, Vision Pro (in progress), mobile phone

#### Remote Collaboration

Virtual meeting via third party video conference software, live streaming, video recording and remote control of headset interface

#### Hardware requirements

Hololens 2, a PC with Windows 10, 64 Bit, a i9 CPU with at least 3.7 GHz 10 cores, and a minimum of 256 GB of RAM is needed for the AI algorithm processing









+852 6768 6488





# Co-organised by Department of Orthopaedics and Traumatology, School of Clinical Medicine, The University of Hong Kong Department of Orthopaedics and Orthopaedic Oncology, University of Padova Department of Orthopaedics, National Yang Ming Chiao Tung University