



# ASEAN Medical Device Innovation Technology Manufacturing Summit 2021

Medical Plastic Manufacturing | Metal Medical Instruments | Implantable Medical Devices | Medical Technology Innovation

2021/09/29 | 01:30 PM-04:30 PM (Singapore Time) | Virtual Conference | Language: English | Market: Southeast Asia

Organizer



Media  
Supporter



## Southeast Asia's healthcare demand and growth plan

The healthcare service market in Southeast Asia is valued at US\$71 billion and is still severely penetrated and under-prepared. This is reflected in the high growth rate of 15%/year-on-year. This region accounts for 10% of the world's population and 20% of the world's disease burden, but only accounts for 3% of global healthcare expenditures. As the region ages (Figure 1), the degree of urbanization is getting higher, and the lifestyle becomes more and more prosperous, and the incidence of chronic diseases (Figure 2) will increase. It is estimated that from 2001 to 2025, the incidence of chronic diseases will double. This, in turn, will generate a growing demand for high-quality healthcare facilities and infrastructure.

Held by the Ringier Conference, the ASEAN Medical Device Innovation Technology Manufacturing Summit (VEMD) will continue the successful experience of the previous session and won the unanimous praise of many participants. **The 2021 ASEAN Medical Device Innovation Technology Manufacturing Summit** will continue to invite **medical device manufacturers, hospitals, physicians, and medical-related industries from Southeast Asia, Japan, South Korea, Australia, New Zealand, India and other countries on the basis of ensuring high specifications and a strong lineup.** People gathered on Ringier's Virtual conference and exchange platform to discuss the collision and integration of innovations in medical device production/implantable devices/diagnostic medical devices/epidemic medical devices. Industry leaders and medical experts interpret industry trends, innovative technologies, and clinical practices to promote industry development.

## Participant type

- Medical consumables/supplies manufacturer
- Medical equipment and consumables
- OEM (metal and plastic)
- Medical Auxiliary Equipment Supplier
- Medical furniture manufacturer
- Auxiliary dental treatment equipment including braces and dental molds)
- Experimental equipment manufacturer
- Medical testing and monitoring equipment
- Special medical materials (precision infusion set, pump infusion set, thoracic aortic vascular stent)
- Manufacturer of hygiene products and fitness equipment (rehabilitation)
- Medical 3D printing company
- Medical product agent/distributor
- Hospital and clinic representatives / employees
- Implantable device manufacturer
- Governments, associations and academic research institutions

## Event Highlight



### Q&A Online Forum

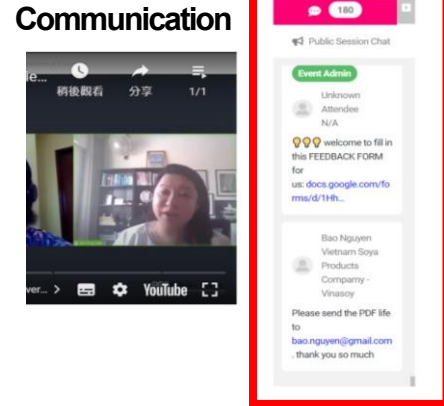
Interact with your potential client after the presentations for with further personal meeting



### Diversified way to communicate

Have an online 1on 1 conversations with your potential clients

### Communication



Interactive messages towards you clients



### Experts

Over 200+ guests and researchers will be attending this conference



### Consultative

Consultative meeting will be held within a week after event

Company Name	Job Title	First Name	Last Name	Email Address	Contact Number
ASEAN Summit	Project Manager	John	Lim	john.lim@asean-summit.com	65 8123 4567
Medical Device	Product Manager	David	Lim	david.lim@medical-device.com	65 9123 4567
Food & Beverage	Product Manager	Chen	Chen	chen.chen@food-beverage.com	65 7123 4567
Pharmaceutical	Product Manager	Chen	S. T.	chen.chen@pharmaceutical.com	65 6123 4567
Medical Equipment	Product Manager	Chen	Chen	chen.chen@medical-equipment.com	65 5123 4567
Medical Device	Product Manager	Chen	Chen	chen.chen@medical-device.com	65 4123 4567
Medical Device	Product Manager	Chen	Chen	chen.chen@medical-device.com	65 3123 4567
Medical Device	Product Manager	Chen	Chen	chen.chen@medical-device.com	65 2123 4567
Medical Device	Product Manager	Chen	Chen	chen.chen@medical-device.com	65 1123 4567

### Registration List

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### Online booth



Get updated with the latest product and technologies displayed



Invited Association	
<b>Thai Medical Device Technology Industry Association</b>	Established in 1989, in the past 31 years, THAIMED had established a reputation as a well functioning association that bring 114 local and international companies related to distribution of medical devices in Thailand
<b>Indonesian Medical Devices Manufacturers Associations</b>	ASPAKI vision is to achieve excellence in the national medical industry and be competitive at international levels
<b>Malaysia Medical Device Manufacturers Association</b>	PERANTIM was established on Nov 2018 to develop and nurture the Malaysian medical device industry

### Sponsor Type

- Injection molding machine
- Vertical injection molding machine
- Ultra-high precision three-dimensional coordinate measuring instrument
- Non-contact color measuring instrument
- Roundness machine
- Profiler
- Extrusion machinery
- Telemedicine provider
- Sterilization packager,
- Ultra-precision machining
- Efficient cutting technology
- 3D printing technology
- Molding technology
- Surface mount technology
- Welding Technology
- laser technology
- Factory automation technology

### Speakers from last year



## Plastic Medical

### Material development and application: transparent materials, high-performance plastics, thermoplastic elastomers, PEEK (polyether ether ketone), biodegradable materials

- Medical device regulatory certification and export requirements
- How to shorten the certification process and export requirements for materials
- Development of high-safety, high-precision, high-energy-efficiency medical rubber and plastics
- Status quo and innovative development of medical plastic pipes
- Selection of polyolefin materials for the medical industry
- Application of high-performance engineering plastics (polyamide) in the medical field
- Innovative application of thermoplastic elastomer/silicone in the medical industry
- Application and development of biomedical polymer materials in the field of medical devices
- Application of highly transparent plastics (PC, MNNA, COC, COP, etc.) in the medical field
- Basic requirements and technical difficulties for disposable syringes and plastic pipes
- Implantable medical device application materials (PEEK)

### Production and manufacturing

- Orthopaedics biomechanics consideration and 3D printing bionic manufacturing
- Laser technology assists the rapid development of medical device research and development
- Ultra-precision processing and preparation technology of medical implants
- Precision medical catheter production technology and equipment
- Surface coating modification technology improves the biocompatibility of bone implants
- Uniform and stable coating process technology optimization
- Precision measurement and automation technology of orthopaedic products
- Application of high-efficiency cutting technology in the production of orthopaedic instruments
- Medical device production software based on risk management



[Metal medical equipment manufacturing](#)

**Production and processing technology: 3D printing technology, aseptic packaging, automated production, injection molding, extrusion molding process, clean room**

- Application and progress of 3D printing technology in human tissue shaping
- Key points for the implementation of bonding technology for medical rubber, plastics and other medical products
- Traceless welding technology for transparent plastic
- Design and Application of Extrusion Die for Medical Catheter
- New progress of medical micro-precision injection molding technology
- Efficient automation technology for medical equipment/consumables manufacturing process
- Medical products precision extrusion, injection molding and automation solutions
- Medical materials require special injection molding machines and mold matching requirements

**R&D and materials**

- Clinical application and challenges of covered stent
- Design and manufacture of metal spinal implants case sharing
- Performance research and optimization of bionic materials for artificial joints
- Antibacterial medical metal and its application
- Analysis of the latest biodegradable scaffold materials
- Printing material selection and personalized design
- Clinical application of drug-coated balloon (DCB)
- Research and development status and future trends of new medical metal materials and implant intervention devices
- Application of polymer degradable materials in stents
- Application of innovative sterilization packaging in implant materials

**Medical equipment manufacturing automation and smart medical care**

- Seven-degree-of-freedom force-controlled mechanical arm and its medical application
- Application of collaborative application solutions in the medical industry
- The conception of oral implantation intelligent auxiliary equipment
- Intelligent Progress of Total Knee Replacement
- Innovative processing solutions for orthopaedic implants
- Regeneration, repair and application prospect of soluble collagen artificial tendon
- Thinking about the hot spots and innovations of medical reform after the epidemic
- Medical manipulator-can ensure clean room production and high-precision, continuous production performance
- Innovation in the production of in vitro diagnostic (IVD) medical devices
- Sustainability of manufacturing packaging materials for vaccines
- Automated processing technology of prefilled syringes
- Microfluidic technology applied to medical device manufacturing
- Application of new cyclic block copolymers to medical consumables
- AI's Smart Medical Business Opportunity



Proposed agenda and key issues of ASEAN needs

\* (Recommended technology can be sold or spoken to develop ASEAN customers)

ASEAN Medical Device Manufacturing Technology Summit  
Sep 29, 2021 | 1:00-4:45PM | Singapore Time | English Online Conference | Market: ASEAN  
Business Networking Activity | Virtual Exhibition Show

**MEDICAL PLASTIC SECTOR**

- 1:00-1:10 Welcome Remarks
- 1:10-1:30 Keynote Speech: Market Trends  
Topic: New changes and implementation points of medical device regulations | Thai Medical Device Technology Asso. (Invitation ongoing)
- 1:30-2:00 Technical Speech: Materials Innovation  
Topic: Application of high-performance engineering plastics in the medical field by Celanese
- 2:00-2:20 Technical Speech: Materials Innovation  
Topic: Cleanroom injection molding process for medical devices and disposables (syringes, pipettes, etc.) (Invitation ongoing)
- 2:20-2:40 Keynote Speech: CAE Technical Solution  
Topic: Moldex3D CAE technology solution for the efficient plastic part in medical field (Invitation ongoing)
- 2:40-3:00 Keynote Speech: New Medical Material for Diagnostic  
Topic: Rising demand for in-vitro diagnostic (IVD) device and point-of-care Mr. Derek Lua, Manager in Healthcare Industry, Avient Corporation (formerly Clariant Masterbatch)
- 3:00-3:05 Tea Break and Business Networking

**METALWORKING MEDICAL DEVICES SECTOR**













- Keynote Speech from Association: The Future of Metalworking in the Medical Device Industry (Invitation ongoing)
- 3:05-3:15 Short Speech from IEMCA
- 3:15-3:35 Technical Presentation  
OPTIONS:  
1) Topic: How Efficiency cutting can benefit implantable medical devices (Invitation ongoing)  
2) Topic: Application of high-efficiency cutting technology in the production of orthopedic instruments (Invitation ongoing)  
3) Topic: Ultra-precision processing and preparation technology of medical implants (Invitation ongoing)  
4) Topic: How innovation can benefit implantable medical devices (Invitation ongoing)
- 3:35-3:50

**AUTOMATION IN MEDICAL PRODUCTION & NEW MARKET**

- 3:50-4:10 Topic: Application of OnRobot one-stop collaborative application solution in medical industry (Invitation ongoing)
- 4:10-4:25 Topic: The challenges and opportunities of Indonesian medical devices, by Indonesian Medical Devices Manufacturers Association (Invitation ongoing)
















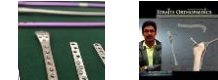





## Invited delegates

Company	Logo	Description
<b>Dispo-Med (Malaysia) Sdn Bhd</b>		Dispo-Med is a leading manufacturer of EtCO <sub>2</sub> bushings. Dispo-Med is an international company invested by MTDC (Malaysian Technology Development Corporation), a subsidiary of a Malaysian government agency.
<b>Star Medik Sdn Bhd</b>		Have a reliable track record in medical ventilator management, respiratory care and related fields
<b>LKL Advance Metaltech Sdn Bhd</b>		Mainly engaged in the provision of medical/healthcare beds, medical equipment, composite dressings, medical peripheral equipment and accessories
<b>Welford Manufacturing (M) Sdn Bhd</b>		Main products: infusion therapy, respiratory management, suction and drainage, urological drainage
<b>Scientillence Sdn Bhd</b>		SSB was established in 2005 with a capital of RM55,000,000.00. It is the only manufacturer of hemodialysis machines in Malaysia and Southeast Asia
<b>OSA Technologies Sdn Bhd (OSA)</b>		OSA Technologies Sdn Bhd (OSA) is a provider of medical equipment and technical solutions, orthopedic implant products manufactured in Malaysia
<b>Medical Innovation Ventures Sdn Bhd</b>		Is a manufacturer of quick screening and testing
<b>Epsilon Medical Devices Sdn Bhd</b>		Epsilon Medical Devices (EMD) is a recognized leading manufacturer of high-quality disposable medical devices and components. We provide one-stop OEM solutions for world-renowned medical customers. Main products: surgical three-layer mask, catheter, Nelaton catheter, laryngoscope blade, hemostatic delivery system (HDS), intermittent stool catheter (IFC), irrigation device
<b>Ideal Healthcare Sdn Bhd</b>		Ideal Healthcare Sdn Bhd (IHSB) is officially called Mutiara Medical and was established in 1999. Since its establishment, IHSB has specialized in the manufacture and distribution of medical disposable products, mainly in urology, anesthesiology, respiratory tract, infusion/infusion therapy and procedure sets.
<b>Comcorde Medical (M) Sdn Bhd</b>		Main production: breathing circuit filter and HME filter, perfusion device/syringe pump tubing
<b>Diptech Industries Sdn Bhd</b>		Diptech Industries Sdn. Bhd. Founded in 1998. Bhd. It is a well-known manufacturer of high-quality medical equipment for OEM customers. We specialize in latex and latex-free nasopharyngeal airways, various breathing bags, test lungs, nasal connectors and other rubber-based products and equipment.
<b>Medidata Sdn Bhd</b>		Creative Contract (M) Sdn Bhd (CCSB), established in 1991, produces high-quality non-woven disposable medical clothing. CCSB products are specifically designed to provide excellent barrier protection and provide comfort and easy breathing.



Invited delegates

Company		Description	Product Sample
Hexa Ceram Dental Laboratory		HEXA Ceram provides customers with the latest CAD/CAM technology and production methods. The HEXA Ceram dental laboratory provides internally ground zirconia restorations, ground rods and abutments, and printed models. [Thailand]	
KDL Co., Ltd		The leader of KDL Co., Ltd. (K Dental Laboratory), which is located in Bangkok, Thailand, is the leader of dental laboratories [Thailand]	
Sainamtiplab		Since 1980, Sainamtip Dental Laboratory has been a leader in the field of cobalt-chromium partial frames. We are the only "authorized vitamin processing laboratory" in Thailand. [Thailand]	
Medi Us Co., Ltd.		Medi Us Co., Ltd. Thailand was established in 2012. We are the designer, manufacturer/OEM and distributor of orthopaedic implant medical devices and tools, instruments and other products. We are committed to producing high-quality products for orthopaedic medical devices and other tools in the medical field. [Thailand]	
Orthomedic Innovations Sdn. Bhd		It is a one-stop contract manufacturer and supplier of orthopaedic implants and devices in the ASEAN region, and its products are exported to the international market. We have 30 years of expertise in precision engineering, machining, designing and processing plastic surgery solutions, [Malaysia]	
Smith+Nephew		Includes a series of innovative hip and knee implants to replace diseased, damaged or worn joints; robot-assisted empowerment technology (which can provide support to surgeons); and trauma products, Used to stabilize severe fractures and correct bone deformities. [Malaysia]	
BBraun Medical Industries Sdn Bhd		• Disposable technology • Inactive implant technology • Dental technology [Malaysia]	
Straits Orthopaedics (Mfg) Sdn. Bhd.		Since 2003, Straits, as a contract manufacturer, has provided orthopaedic equipment to legal manufacturers, with a total commodity value of approximately US\$250 million. [Malaysia]	
Symmetry Medica		Orthopaedic reconstruction implants-hip circumference; one-piece and modular stem/neck; acetabula cup; femoral head [Malaysia] Knee-tibia tray; femur; bone component shoulder-stem; unipolar head	
Vigilenz Medical Devices Sdn Bhd		OrthoSyn is an orthopaedic implant coated with a thin layer of precious metal. The OrthoSyn coating is very thin and will not affect the physical properties of the implant. The implant maintains the same thickness, appearance and rigidity. The coating is firmly attached to the surface of the implant. During implantation, this creates a current effect. Because OrthoSyn coating can prevent bacteria, it can effectively reduce ODRI. [Malaysia]	