

# AMMI

ASSOCIATION OF MALAYSIAN MEDICAL INDUSTRIES  
PERSATUAN INDUSTRI PERUBATAN MALAYSIA

## Medtech Malaysia



ANNUAL  
REPORT  
2022

**“Driving the Medical Device Industry Forward”**



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# ABOUT AMMI

Formed in 1989, the Association of Malaysian Medical Industries (AMMI), represents leading medical device manufacturing companies in the medical technology industry in Malaysia. AMMI currently has 84 member companies and collectively, they account for more than half of the total export revenue for "Made-in-Malaysia" medical devices.

**AMMI MEMBERS SHARE A COMMON COMMITMENT TO QUALITY AND ARE REPUTABLE INTERNATIONAL AND LOCAL FIRMS THAT STRICTLY ADHERE TO THE QUALITY MANAGEMENT SYSTEM CODES LAID DOWN BY GOVERNMENTAL AGENCIES.**

AMMI companies continue to be the growth base of the medical device industry in Malaysia and consist of three main types of industry players: manufacturers; suppliers of raw materials and services to the medical devices manufacturing companies; and importers and exporters of medical devices, all of whom employ a sizable workforce in their production facilities.



Malaysia as the preferred global manufacturing and services location for medical technology.

## VISION

## MISSION



Promote and strengthen manufacturing and services operational excellence in Malaysia through our strategic pillars.

Established

**1989**



**84**

members  
(25 SMEs)



over  
**36,200**  
workforce



**RM16.35 billion**

Collective Exports  
(53% of total Medical Device Exports from Malaysia)



**RM10.04 billion**

Cumulative Investments



**RM128 million**

R&D Expenditure



**RM610 million**

Total Taxes Paid (company and employee income tax)



**RM2 billion**

Operational Expenditure



**RM1.51 billion**

Employee Salaries



**RM7.4 million**

Training & Development

# KEY PILLARS

## PILLAR 1: POLICY ADVOCACY



- Government Affairs Committee
- Regulatory Affairs Committee



### Objective:

A recognised voice in the Medical Technology industry by driving balanced policy advocacy.

### Key Initiatives:

Identify key messages to advocate for the benefit of the medical technology industry. Some of the key areas are:-

1. Facilitate access to local and export markets. (Government Affairs Committee)
2. Advocate globally competitive incentives for investment and reinvestment. (Government Affairs Committee)
3. Share technical expertise to help shape policy development. (Regulatory Affairs Committee)
4. Support the harmonisation of regulatory frameworks worldwide. (Regulatory Affairs Committee)



Talent Development Committee



## PILLAR 2: TALENT DEVELOPMENT

### Objective:

- Support continuous development of a skilled and adaptable workforce
- Increase awareness of opportunities in the medical technology sector
- Facilitate the transfer and sharing of knowledge

### Key Initiatives:

Achieving talent development objectives through implementation of the following:

- Public training and Medtech courses
- Global expert knowledge sharing
- Collaboration with higher education institutions
- HR leaders' roundtable



Operational Excellence Committee



## PILLAR 3: OPERATIONAL EXCELLENCE

### Objective:

Share operational excellence industry-wide.

### Key Initiatives:

Share operational expertise through the following initiatives:

- Cross industry best practices sharing
- Factory visits within the medical device industry
- Education sessions with key technology providers
- Sharing sessions with industry leaders (eg. CEO talk)



Membership & Industry Development Committee



## PILLAR 4: MEDICAL TECHNOLOGY INDUSTRY DEVELOPMENT

### Objective:

1. Facilitate new start-ups and growth in the medical device industry.
2. Expand supply-chain capabilities in Malaysia.
3. Grow medical device support industries in Malaysia

### Key Initiatives:

Driving industry growth through the following:

- Expand and strengthen the local supply base for the medical device industry.
- Provide structured support and information sharing to potential investors.
- Analyse and publish medical device industry data.
- Collaborate with global medical technology industry associations.
- Technological Needs – Seeds Business Matching

# CHAIRMAN'S MESSAGE



**MR ANDY LEE**  
Chairman

The Malaysia MedTech Industry Summit was organised to **strengthen** the medical device ecosystem by achieving supply chain resilience and serve as a platform for local suppliers to connect with medical device manufacturers.

Dear Valued AMMI Members

Although the last 2 years have been ravaged by the Covid 19 pandemic, the medical device industry has proven to be resilient. AMMI fellow board members and AMMI members have worked hard the past year, representing AMMI as the voice of the medical device industry.

AMMI continues to be guided by our Strategic Roadmap 2025 – focusing on promoting and strengthening operational excellence in manufacturing and services in Malaysia through our strategic pillars– policy advocacy, talent development, operational excellence and medical technology industry development.

AMMI's financial health remains positive with good management and also overwhelming response to our public training courses. As of 31 December 2022, AMMI membership remains strong at 84 members, with new members joining AMMI, namely ADT Biotech, Dexcom and Japan Lifeline ( JLL Malaysia)

For the Government Affairs Committee, the key focus for medical device industry policy advocacy in 2022 centred around engagement with the Ministry of Health, Ministry of International Trade and Industry, Ministry of Finance, Malaysian Investment Development Authority and Medical Device Authority. We are thankful for their continuous recognition given to AMMI at industry meetings, dialogues and for listening to our feedback on the various issues raised throughout 2022 provided to the government in order to ensure the voices of stakeholders/ industry players were heard.

AMMI appreciates the special allocation by the Ministry of Finance under the PEMERKASA economic stimulus package with RM10 million for the medical device industry. AMMI commends the Ministry of International Trade & Industry (MITI) and Malaysian Industrial Development Finance Bhd (MIDF) for implementing the Matching Grant for Aerospace & Medical Devices (MGAMD) in 2022. The matching grant allocation goes a long way to further grow Malaysia's medical device sector as a high-value economic sector. There are seven AMMI members successfully approved for the matching grant.

AMMI also congratulates the Ministry of International Trade & Industry (MITI) for launching the New Investment Policy based on the National Investment Aspirations (NIA) recently. The prioritisation of the medical device sector in the future wave of the NIA is forward-looking to attract quality future investments in the medical device sector. AMMI is committed to working with the New Government to strengthen Malaysia as the medical device manufacturing hub in Asia.

# CHAIRMAN'S MESSAGE

On the Regulatory Affairs (RA) front, AMMI is appreciative of the support of the Top Management of the Ministry of Health, especially the Director General of Health who is also the Chairman of the Medical Device Authority (MDA) and Chief Executive of MDA for supporting AMMI's proposal to improve the Medical Device Act to:-

- Include renewal/re-registration clause which specifies auto-renewal for medical device registration (product registration);
- Confine the post-market surveillance & vigilance requirement to local cases only;
- Exclude export of medical device from the scope of the Medical Device Act.

On behalf of AMMI Members, the RA committee also actively pursued on-going issues through dialogues with MDA and the National Pharmaceutical Regulatory Agency to ensure the industry's needs and challenges were truly understood.

In 2022, AMMI held 31 public training programs (training 782 participant), 3 global expert sharing webinars, 2 batches of AMMI-University of Malaya (UM) STEM Plus Medtech Talent & Employment Programme and 2 workshops fully funded by the International Trade Centre under the project of the ASEAN Regional Integration Support by the European Union (ARISE) Plus Malaysia for SMEs and MDA staff (training over 79 participants).

After a 2-year hiatus, we held our AMMI Gala Dinner with a focus on fellowship, appreciation and recognition. During the dinner, we took the opportunity to recognise and appreciate members through the AMMI Talent Development Recognition Awards, AMMI Global Expert Sharing Appreciation Awards and also our first ever, AMMI ESG Recognition Awards.

The main highlight of 2022 must be our inaugural Malaysia MedTech Industry Summit 2022 held on 1 December at The Ascott Gurney, Penang. The objective of the summit was to strengthen the medical device ecosystem by achieving supply chain resilience and serve as a platform for local suppliers to connect with medical device manufacturers. Chief Minister of Penang, YAB Tuan Chow Kon Yeow gave the Keynote Speech. We are humbled by the support given by InvestPenang, PDC, MIDA, our sponsors and industry players. The event saw an overwhelming participation of over 300 delegates from the industry and generated positive publicity in the media for AMMI & MedTech Industry. This is indeed encouraging!

On behalf of the Board of AMMI, I would like to record our appreciation to the Ministry of Finance, Ministry of International Trade & Industry (MITI), Ministry of Health, Malaysian Investment Development Authority (MIDA), Medical Device Authority (MDA), Northern Corridor Implementation Authority (NCIA), Penang Development Corporation (PDC), InvestPenang, University of Malaya, various government agencies and universities for their kind support and dedication in dealing with us and for the opportunity to work with them.

AMMI Board of Directors, Working Committees and the Secretariat will continue to advocate your interests and add-value to your organisations. We look forward to your continued support and engagement with AMMI. Together, we can drive the Medical Device Industry forward to better serve patients and healthcare fraternity.

**ANDY LEE**

Chairman

31 December 2022

# BOARD OF DIRECTORS 2022/2023

Johnson & Johnson



**CHAIRMAN**  
**Mr Andy Lee Kuan Min**  
Johnson & Johnson Sdn Bhd

SteriPack



**VICE-CHAIRMAN**  
**Mr John Ward**  
SteriPack Asia Sdn Bhd

Cochlear



**VICE-CHAIRMAN**  
**Mr Samuel Pooranakaran**  
Cochlear Malaysia Sdn Bhd

IDEALCARE  
...the quality you can trust



**SECRETARY-GENERAL**  
**Dato' Seri Dr Haminnuddin Hj. Abd. Hamid**  
Ideal Healthcare Sdn Bhd

Paramit **TECAN.**  
A Tecan Group Company



**TREASURER**  
**Mr Michel Van Crombrugge**  
Paramit Malaysia Sdn Bhd

TEXCHEM  
LIFE SCIENCES  
POWERED BY INNOVATION



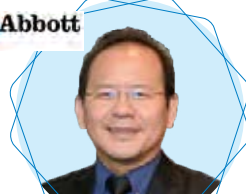
**DIRECTOR**  
**Dr Yuma Konishi**  
Texchem Life Sciences Sdn Bhd

Mölnlycke



**DIRECTOR**  
**Mr Jean-Christophe Guillou**  
Mölnlycke Healthcare Sdn Bhd

Abbott



**DIRECTOR**  
**Mr HT Eow**  
Abbott Penang

B. BRAUN  
SHARING EXPERTISE



**Mr Lam Chee Hong**  
B. Braun Medical Industries  
Sdn Bhd

## ANNOUNCEMENT

Boston  
Scientific



Mr Dave Mitchell stepped down from his role as Vice-Chairman effective 1 July 2022, embarking on a new role in the U.S. He held the roles of Vice-Chairman from January 2021- June 2022 and Director of the Board from March 2019 – December 2020. He was also the Leader of the Talent Development Committee and a member of the Government Affairs Committee.

B. BRAUN  
SHARING EXPERTISE



Mr Christoph Mueller took over as AMMI Vice-Chairman on July 2022. He stepped down effective 1 October 2022, relocating to B. Braun Spain for his new role. He was also the Leader of the Talent Development Committee and a member of Operational Excellence Committee.

## SECRETARIAT TEAM



**EXECUTIVE DIRECTOR**  
**Mr Ching Choon Siong**



**HEAD OF MARKETING & COMMUNICATIONS**  
**Ms Melissa Khoo**



**HEAD OF ADMIN. & FINANCE**  
**Ms Heng Ee Ling**

# WORKING COMMITTEES

## 2022/2023 AMMI Government Affairs Committee



**Mr Andy Lee Kuan Min**

Leader/AMMI Chairman  
Director Government Affairs,  
Johnson and Johnson



**Mr HT Eow**

Co-Leader/AMMI Director of  
the Board/Senior Site Director,  
Abbott



**Mr Samuel Pooranakaran**

Member/AMMI Vice-Chairman  
VP Manufacturing,  
Cochlear Malaysia



**Mr George Kazzi**

Member/General Manager,  
Baxter Healthcare



**Dr Mohd Emil Azril  
Bahari Md Noor (Ben)**

Member/General Manager,  
Government Affairs and Market  
Access, ASEAN,  
B. Braun Medical Industries



**Dr Viva Ma**

Member/Director,  
Strategic Access,  
Greater Asia, Becton Dickson



**Ms Hui Sin Teo**

Member/Market Access and  
Government Relations Leader,  
Greater Asia, Becton Dickinson



**Mr Fearghal Hennessy**

Member/VP Operations,  
Boston Scientific Penang



**Ms. Aida Basri**

Member/Government Affairs &  
Market Access Lead,  
Medtronic



**Mr Lee Hoe Seong**

Member/Finance Director -  
Malaysia Glove Operations,  
Molnlycke



**Mr Michel Van  
Crombrugge**

Member/AMMI Treasurer  
Country Manager,  
Paramit. TECAN



**Mr Mark Arthun**

Member/Managing Director  
and Site Leader,  
Smith & Nephew Operations



**Mr John Ward**

Member/AMMI Vice-Chairman  
Group Commercial Director,  
SteriPack Contract Manufacturing



**Dr Yuma Konishi**

Member/AMMI Director of  
the Board Managing Director,  
Texchem Life Sciences



**Mr Jason Ng**

Member/ Manufacturing VP,  
UWHM

# WORKING COMMITTEES

## 2022/2023 Regulatory Affairs Committee



**Dato' Seri Dr Haminnuddin  
Hj. Abd. Hamid**

Leader/ Ammi Secretary-General,  
Group Founder and Executive  
Chairman, Ideal Healthcare



**Ms Grace Wong**

Co-Leader/ Senior Manager,  
Regulatory Affairs (SG, MY &  
Brunei), Johnson & Johnson



**Ms Mandy Tam**

Member/ Regulatory Affairs  
Manager (Vision Care), Alcon



**Ms Ng Yoke Yin**

Member/ Senior Regulatory  
Affairs Manager, Ansell



**Ms Quek Lang Fah**

Member/ Head of Regulatory  
Affairs, B. Braun Medical  
Industries



**Ms Jaclyn Teoh**

Member/ Regulatory Affairs  
Manager, Baxter Healthcare



**Ms Nur Aqilah Ibrahim**

Member/ Associate Manager,  
Regulatory Affairs,  
Becton-Dickinson



**Ms Chloe Teoh**

Member/ Regulatory Affairs  
Manager, Boston Scientific



**Mr Vishnu Shankar Vyas**

Member/ Regulatory and  
Standards Leader-ASEAN/  
India, DuPont



**Ms Sharon Ding**

Member/ Regulatory Affairs and  
Quality Assurance Manager,  
Fresenius Medical Care



**Ms Cheng Chin Yee**

Member/ Regulatory Affairs  
Manager, Haemonetics



**Ms Queenie Lee**

Member/ Quality Assurance and  
Regulatory Affairs Manager,  
KLS Martin



**Mr Jason Ng**

Member/ Manufacturing VP,  
UWHM

# WORKING COMMITTEES

## 2022/2023 Talent Development Committee



**Mr Samuel Pooranakaran**

Leader/ AMMI Vice-Chairman  
VP Manufacturing,  
Cochlear Malaysia



**Ms Tan Lin Im**

Co-Leader/ APAC Regional  
Senior HR Director,  
Teleflex



**Ms Alice Tan**

Member/ Senior HR Manager,  
Ambu



**Mr Balasubramaniam  
Thevarayan**

Member/ General Manager,  
HR Services and Operations,  
B. Braun Medical Industries



**Ms Thelagasvari Sevaraja**

Member/ Head of Learning &  
Development Penang,  
B. Braun Medical Industries



**Ms Jancy Lee**

Member/ Senior HR Manager,  
Malaysia & Phillipines  
Baxter Healthcare



**Ms Joyce Ong**

Member/ HR Director  
Boston Scientific Penang



**Mr Eng Boon See**

Member/ Business Development  
Manager  
DuPont



**Mr Ramesh Ayaroo**

Member/ HR Manager  
Molnlycke



**Ms Suriati Abdul Samad**

Member/ HR Director  
Paramit-TECAN



**Ms Kellie Kueh**

Member/ Head of Learning and  
Development  
Smith & Nephew Operations

# WORKING COMMITTEES

## 2022/2023 Operational Excellence Committee



**Mr Michel Van Crombrugge**

Leader/AMMI Treasurer  
Country Manager,  
Paramit. TECAN



**Mr JC Guillou**

Co-Leader/ AMMI Director of the  
Board VP Global Operations and  
Sourcing, Molnlycke



**Mr Elmar Friesnegger**

Member/ VP - Central Functions  
Plant Ops,  
B. Braun Medical Industries



**Mr Sayron Ruiz**

Manufacturing Engineering  
Director Penang Operations  
Boston Scientific



**Dato' Hans Peter Brenner**

Member/ Director,  
KLS Martin



**Mr Muru Kannan**

Member/ Head of Manufacturing  
Excellence Molnlycke



**Mr Vikay Palaninathan**

Member/ OPEX Senior Manager,  
Smith & Nephew Operations



**Mr Muneswaran Gandhi**

Member/ Plant Manager,  
Teleflex

## 2022/2023 Membership & Industry Development Committee



**Dr Yuma Konishi**

Member/ AMMI Director of  
the Board/ Managing Director,  
Texchem Life Sciences



**Mr John Ward**

Member/ AMMI Vice-Chairman/  
Group Commercial Director,  
SteriPack Contract Manufacturing



**Mr Michael H'ng**

Member/ Managing Director,  
Allen Healthcare



**Ms Michelle Ng**

Member/ Senior Procurement  
Manager, Ambu



**Mr Lee Ching Koay**

Member/ Head of Supply Chain,  
KLS Martin



**Mr Max Lee**

Member/ Managing Director,  
Professional Tools & Dies



**Mr Mason Goh**

Member/ Chief Operating  
Officer, Texchem

# EXTERNAL APPOINTMENTS



## Malaysian Rubber Council

Member of the Board of Trustees represented by Y.Bhg. Dato' KM Lee  
Alternate Representative: Mr JC Guillou



## Medical Device Authority (MDA)

Three (3) Representatives to the MDA-Industry Collaborative Committee (MICC)



## National Employment Council

Member of the TVET Specialised Task Force (STF TVET)



MINISTRY OF INTERNATIONAL TRADE AND INDUSTRY

## Ministry of International Trade & Industry (MITI)

Malaysia-Taiwan Economic Cooperation Committee (MTECC)  
Member of the MTECC Business Advisory Group



## Northern Corridor Implementation Authority (NCIA)

Member, Technical Committee, NCER Technology Innovation Centre



## Department of Standards Malaysia

Member of the National Standards Committee on Medical Devices and Facilities for Healthcare



## University of Malaya

Member, Industry Advisory Panel, Biomedical Engineering Programme (2022 – 2023)



## Invest-in-Penang Berhad

Member of the Penang Manufacturing Industry Advisory Council



## Human Resource Development Corporation (HRD Corp)

Member, Microcredential Technical Working Committee (2022)



## TÜV SÜD Malaysia Sdn Bhd

Chairman of Impartiality Committee represented by Y.Bhg. Dato' Seri Dr Haminnuddin Hj. Abd. Hamid



## Asia Pacific Medical Technology Association (APACMed)

Industry Association Member

# PILLAR 1: POLICY ADVOCACY

Government Affairs Committee

## Advocacy Success: The New Investment Policy included the Medical Device Sector



**2 June 2022:** AMMI Dialogue with the Ministry of International Trade & Industry (MITI).



**6 October 2022:** MITI launched the New Investment Policy based on National Investment Aspirations (NIA). The New Investment Policy included the medical device sector in the future wave of investment transformation.

AMMI Secretary General Dato' Seri Dr Haminnuddin and AMMI Executive Director Mr CS Ching attended the event.



**AMMI**

14 March 2022

Y.B. Dato' Seri Mohamed Azmin Ali  
Senior Minister and Minister of MITI  
Ministry of International Trade and Industry (MITI)  
Level 30, MITI Tower, No. 7, Jalan Sultan Haji Ahmad Shah  
50480 Kuala Lumpur, Malaysia

Salam Sejahtera Y.B. Dato' Seri Mohamed Azmin,

**PROPOSAL TO INCLUDE THE MEDICAL DEVICES SECTOR AS ONE OF THE MAIN SECTORS UNDER THE NATIONAL INVESTMENT ASPIRATIONS (NIA)**

On behalf of the Association of Malaysian Medical Industries (AMMI), I would like to express my highest appreciation to YB Dato' Seri for your exemplary leadership in supporting the continuous operations of the industry to balance life and livelihood since the onset of the COVID-19 pandemic. We also wish to extend our congratulations for the achievement of the record-breaking approved investments worth RM395.5 billion in 2021, as announced by YB Dato' Seri recently at the MIDA's Annual Media Conference (AMC) 2022.

We are writing to seek YB Dato' Seri's attention with regards to the following matters:

- Based on the Malaysia Investment Performance Report (MIPR) 2021, the approved investments in the medical devices sector in 2021 was RM7.7 billion. However, the figure was not captured and highlighted in the Top Manufacturing Industries. Instead, it has been classified differently under Scientific and Measuring Equipment and Rubber Products. Please refer to the attached slides for further details.
- During the recent New Investment Policy Walkabout with YB Dato' Seri on 9 March 2022, I noticed that 'electronic medical devices' was highlighted as a sub-sector under the E&E sector. Putting 'electronic medical devices' sector under E&E sector is illogical because electronic medical devices are only one segment of medical devices that our industry classified as active medical devices. Medical devices include other implantable devices, consumables, diagnostic imaging, patient aids and dental devices.
- The medical devices sector has been consistently being identified as one of the growth sectors in the 12<sup>th</sup> Malaysian Plan and 11<sup>th</sup> Malaysian Plan. However, the five main sectors under the National Investment Aspirations (NIA) have excluded the medical devices sector, which will send a wrong signal to

**14 March 2022:** AMMI Advocacy Letter to the MITI Minister.

**NEW STRAITS TIMES**

**MITI identifies 5 main sectors under NIA initiative**

By Bernama - January 24, 2022 @ 3:45pm

The sectors are electrical and electronics, pharmaceutical, digital economy, aerospace and chemicals, said Senior International Trade and Industry Minister Dato' Seri Mohamed Azmin Ali. - NSTP/ AZIAN AZMEE

**KUALA LUMPUR:** The International Trade and Industry Ministry (MITI) has identified five key sectors under the National Investment Aspirations (NIA) initiative that can attract more foreign investors to invest either in research and development or manufacturing facilities using new technologies.

The sectors are electrical and electronics, pharmaceutical, digital economy, aerospace and chemicals, said Senior International Trade and Industry Minister Dato' Seri Mohamed Azmin Ali.

**24 January 2022:** AMMI noticed that the medical device sector was left under the NIA initiative.

# PILLAR 1: POLICY ADVOCACY

Government Affairs Committee

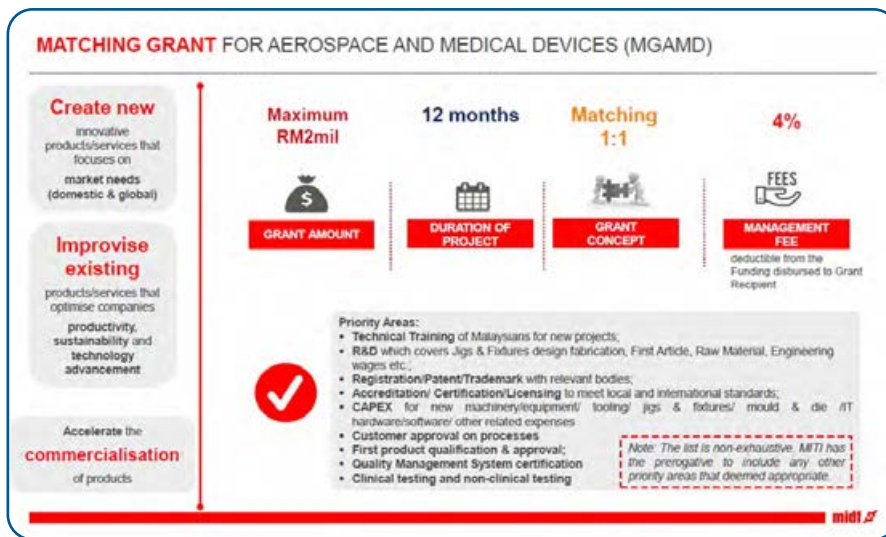
## Positive Outcomes of AMMI Policy Advocacy: Matching Grant for Medical Devices (MIDF)

### 1 April 2022 - MITI's Meeting on Matching Grant for Medical Devices

AMMI Chairman Mr Andy Lee, AMMI Secretary General YBhg Dato' Dr Hj Haminnuddin and AMMI Board Member Mr HT Eow attended the meeting with MITI Senior Management.

### 6 April 2022 – MITI's Online Zoom Briefing

Malaysian Industrial Development Finance Berhad (MIDF) briefed AMMI members regarding the Matching Grant for Aerospace & Medical Devices (MGAMD) for Medical Devices Industry.



*Congratulations* to the following members for your successful matching grant application.



# PILLAR 1: POLICY ADVOCACY

Government Affairs Committee

## Advocacy Action: AMMI Supports Ratification of Comprehensive and Progressive Agreement for Trans-Pacific Partnership (CPTPP)



### 28 July 2022: AMMI Press Statement on CPTPP

***The Medical Device Industry Strongly Supports the Ratification of the Comprehensive and Progressive Agreement for Trans-Pacific Partnership (CPTPP)***

***Kuala Lumpur, 28 July 2022*** – *The Association of Malaysian Medical Industries (AMMI), as the voice of Malaysia's medical device industry, strongly supports the Ratification of the Comprehensive and Progressive Agreement for Trans-Pacific Partnership (CPTPP) by the Government of Malaysia...*



### 22 July 2022: MITI & AMMI Meeting on CPTPP

AMMI Executive Director Mr CS Ching held a follow up discussion with Mr Guna Seelan, Principal Asst. Director, Strategic Negotiations Division, MITI



### 14 July 2022: MITI CPTPP Debriefing Session

AMMI Chairman Mr Andy Lee attended the meeting.

# PILLAR 1: POLICY ADVOCACY

Government Affairs Committee

## Engagement with the Ministry of Finance

### MoF assures support to medical device sector

**GEORGE TOWN:** The Ministry of Finance (MoF) is committed to continue supporting the medical device sector as one of the main growth sectors at the tabling of Budget 2023 on October 7. Minister Tengku Datuk Seri Zafrul Tengku Abdul Aziz said the medical device sector's contribution included creating 20,000 job opportunities from 2021 to 2025 and contributing RM9.4 billion in exports in 2021.

Of the 30 largest medical device industry players in the world, 10 operate in Malaysia, including Penang.

In 2021, as much as RM17.7 billion in total investment has been attracted by this sector, including several companies that have been operating in Bayan Lepas for up to 25 years and companies that are in the process of building a new factory in Batu Kawan, Penang.



Of the 30 largest medical device industry players in the world, 10 operate in Malaysia, including Penang.

### Finance Ministry committed to supporting medical device sector

**GEORGE TOWN:** The Ministry of Finance (MoF) is committed to continue supporting the medical device sector as one of the main growth sectors at the tabling of Budget 2023 on Oct 7.

Minister Tengku Datuk Seri Zafrul Tengku Abdul Aziz said the medical device sector's contribution included creating 20,000 job opportunities from 2021 to 2025 and contributing RM9.4 billion in exports in 2021.

Of the 30 largest medical device industry players in the world, 10 operate in Malaysia, including Penang.

In 2021, as much as RM17.7 billion in total investment has been attracted by this sector, including several companies that have been operating in Bayan Lepas for up to 25 years and companies that are in the process of building a new factory in Batu Kawan, Penang," he said in a statement yesterday.

The minister said he recently held a dialogue session with more than 20 players in the medical device industry together with Penang Chief Minister Chow Kon Yeow.

Engagement sessions with several high-growth technology startups were also held in Penang, he said.

He said this effort is also in line with the establishment of the latest Public Consultation Paper for the Budget 2023 entitled "Policy on the Use of Local Research and Development (R&D) Products, Services and Technology in Government Procurement".

He said these were aimed at protecting and developing the capabilities of local technology companies through improving the ecosystem of technology transfer, commu-

nication and marketing of local R&D products.

Besides that, he said a dialogue has also been held with the founder and management of The Hub@i in Batu Fierrens to obtain the latest status of the "Innov8@i" and the "Singapore Reserve" programme, one of the recipients under the Budget 2022 allocations.

"With the allocation, if we succeeded in improving efforts to apply the concept of a circular economy as the lens for the development of sustainable eco-tourism in Malaysia," he said. — Bernama

## 3 September 2022: MOF 2023 Consultation Dialogue with the Medical Device Industry



YB Senator Tengku Dato' Sri Zafrul Tengku Abdul Aziz attended the Budget 2023 Consultation with members of the Association of Malaysian Medical Industries (AMMI) at the B. Braun campus in Penang. Also in attendance were YAB Tuan Chow Kon Yeow, Chief Minister of Penang, Penang Development Corporation (PDC), InvestPenang, MIDA and NCI. The event was attended by 60 participants from 40 organisations.

From left: Y.Bhg. Datuk Johan Merican, Deputy Secretary General, Ministry of Finance; Mr Andy Lee Kuan Min, AMMI Chairman; YB Senator Tengku Dato' Sri Zafrul Tengku Abdul Aziz, Minister of Finance; YAB Tuan Chow Kon Yeow, Chief Minister of Penang; Mr Lam Chee Hong, AMMI Board Member, President, Asia Pacific, B. Braun; Y.Bhg. Dato' Aziz Bakar, CEO, PDC.



## 23 August 2022: Budget 2023 Consultation Dialogue

AMMI Chairman Mr Andy Lee and Executive Director Mr CS Ching attended the event. AMMI Chairman exchanging views with the Prime Minister YAB Dato' Sri Ismail Sabri Yaakob and Finance Minister YB Senator Tengku Dato' Sri Zafrul Tengku Abdul Aziz.



# PILLAR 1: POLICY ADVOCACY

Government Affairs Committee

## Engagement with the Ministry of International Trade and Industry (MITI)



1. 24 January 2022: Presentation of AMMI Cheque to MITI Minister
2. 28 Feb 2022: MITI CNY Open House - AMMI Chairman with MITI Senior Minister and Deputy Minister
3. 28 March 2022: MITI Supply Chain Mapping Lab, attended by AMMI Executive Director Mr CS Ching.
4. 20 April 2022: MITI Ramadan Dinner - AMMI Chairman with MITI Deputy Secretary General Dato' Sri Norazman Ayob and AMCHAM CEO Ms Siobhan Das.
5. 31 May 2022: MITI Aidil Fitri Reception - AMMI Chairman with MITI Senior Minister and MIDA CEO
6. 31 May 2022: MITI Aidil Fitri Reception - AMMI Chairman with Dato' Azman Mahmud, EXIM Bank Chairman/former CEO of MIDA; Tan Sri Dr Munir Majid and Tan Sri Yong Poh Kon from ASEAN Business Advisory Council; Datuk Zainal Amanshah and Siobhan Das, CEO of AMCHAM
7. 25 August 2022: MITI Dialogue with the Industry – AMMI Chairman with MITI Minister, AMCHAM and PhAMA representatives.

# PILLAR 1: POLICY ADVOCACY

Government Affairs Committee

## Engagement with the Malaysian Investment Development Authority (MIDA)



### 1 August 2022: AMMI Courtesy Call on MIDA Deputy CEO Ms Lim Bee Vian

The meeting was attended by AMMI Chairman Mr Andy Lee, Secretary General Dato' Seri Dr Haminnuddin, Board Directors Mr Samuel Pooranakaran, Mr JC Guillou, Mr HT Eow, ED Mr CS Ching and Mr Simon Yam (Medtronic). In the meeting, MIDA agreed that its Strategic Division will work with MITI to add the medical device sector as a priority under the National Investment Aspirations (NIA).



### 28 June 2022: AMMI-MIDA Dialogue Session

The AMMI-MIDA Dialogue session was held at Olive Hotel Penang. 18 participants from MIDA and 11 AMMI member companies attended the event. Topics discussed: **(1) 2023 National Budget – Preparation of Budget Proposals (Medical Devices) (2) Revolutionizing Malaysia medical device industry (3) Proposals/ideas to grow the medical device industry.** MIDA was represented by Puan Azlina Hamdan (Director), Encik Sherulanuar Abd Karim (Deputy Director), Puan Nurhafizah Abdullah (Asst Director) and Encik Ahmad Mohsein Azman (Asst Director). AMMI was led by Mr Christoph Mueller (Vice-Chairman), Mr Michel Van Crombrugge (Treasurer), Mr HT Eow (Director of the Board) and Mr CS Ching (Executive Director), together with AMMI members present.

# PILLAR 1: POLICY ADVOCACY

Government Affairs Committee

## Engagement with the Ministry of Health



### 23-24 May 2022: Ministry of Health (MOH) Focus Group Discussion

AMMI Chairman Mr Andy Lee and AMMI Executive Director Mr CS Ching attended the Ministry of Health (MOH) Focus Group Discussion organised by MOH Policy & International Affairs Division.

### 4 August 2022: PhAMA Industry Consultation on Health Reform White Paper

AMMI Chairman Mr Andy Lee, AMMI Executive Director Mr CS Ching, Dr Mohd Emil Azril Bahari Md Noor (B. Braun), Ms Grace Wong (Johnson & Johnson), Mr Jason Ng (UWHM) and Ms Aida Basri (Medtronic) attended the workshop.



### 15-16 August 2022: MOH Health Policy Summit.

AMMI Chairman Mr Andy Lee attended the MOH Health Policy Summit.

# PILLAR 1: POLICY ADVOCACY

Government Affairs Committee & Regulatory Affairs Committee

## Positive Outcomes of AMMI Policy Advocacy: Improvement of the Medical Device Act

**MOH and MDA Top Management agreed with the following:**

- 1) Appointment of AMMI Representative to the MDA Board when the vacancy available
- 2) Improve the Medical Device Act to:-
  - Include renewal/re-registration clause which specifies auto-renewal scheme;
  - Confine the post-market surveillance & vigilance requirement to local cases only;
  - Exclude export of medical device from the scope of the Medical Device Act.



### 5 October 2022: AMMI Courtesy Call on the Minister of Health

AMMI Chairman Mr Andy Lee led Board members and Government Affairs Committee members to make a courtesy call on YB Khairy Jamaluddin, Minister of Health. Also present were Y.Bhg. Tan Sri Dato' Seri Dr Noor Hisham bin Abdullah, Director General of Health/Chairman of Medical Device Authority (MDA); Y.Bhg. Dato' Zamzuri bin Abdul Aziz, Deputy Secretary General (Finance), Ministry of Health; Mr Ahmad Shariff bin Hambali, Chief Executive, MDA. At the end of the meeting, AMMI Chairman Mr Andy Lee presented a mock cheque of RM250,000 to YB Minister of Health and Director General of Health to signify our contribution to MOH's Covid-19 Fund (Sumbangan Perubatan KKM) on 9 March 2022 during the Omicron wave.



From left: Mr George Kazzi, GM, Baxter Healthcare; Y.Bhg. Dato' Zamzuri bin Abdul Aziz, Deputy Secretary General (Finance), Ministry of Health; Ms Aida Basri, Government Affairs & Market Access Lead, Medtronic; Mr CS Ching, AMMI Executive Director; Y.Bhg. Dato' Seri Dr Haminnuddin, AMMI Secretary General; Mr Andy Lee, AMMI Chairman; YB Khairy Jamaluddin, Minister of Health; Y.Bhg. Tan Sri Dato' Seri Dr Noor Hisham bin Abdullah, Director General of Health/Chairman of Medical Device Authority (MDA); Dr Mohd Emil Azril Bahari Md Noor, GM, Government Affairs & Market Access, B. Braun; Mr Samuel Pooranakaran; AMMI Vice Chairman.

# PILLAR 1: POLICY ADVOCACY

## Regulatory Affairs Committee

### Regulatory Issues and Key Milestone Achieved

#### Re-registration

- Advocacy Action via MICC Meeting on 21 March, 15 August
- MDA agreed to amend the Medical Device Act to include renewal.

#### Change Notification/ Changes due to EU MDR

- 20 Apr: Submitted AMMI Feedback on Guidance Document 4<sup>th</sup> Edition
- MDA shared the 4<sup>th</sup> edition of the GD: Change Notification for Registered Medical Device before publish it.
- 14 Oct: MDA Meeting on Labelling and Change Notification
- The revised GD have taken into consideration of the EUMDR-related changes (down-categorised from Category 2 to Category 3). The Change Notification Category 3 revert back to notification only, and can implement immediately upon submission.

#### Labelling GD (4<sup>th</sup> Ed) Oct 2021

- 29 Apr: Submitted AMMI Feedback on the Draft GD 5<sup>th</sup> Edition.
- 15 Jul: Submitted AMMI Feedback on the GD 5<sup>th</sup> Edition.
- 15 Aug: MDA agreed that Clause 4.8.1 (a) of the GD 5<sup>th</sup> Edition will be revised to be the same as per the GD 3<sup>rd</sup> edition.

#### Ancillary Drug Dossier Requirement for Medical Device-Drug Combination Product

- 16 Aug: AMMI submitted feedback to the National Pharmaceutical Regulatory Agency (NPRA).
- 30 Aug: NPRA replied to AMMI.

#### Import Permit – Customs (Prohibition of Imports) Order 2017

- 17 Feb: Joint associations' meeting
- 22 Feb: Dialogue with MDA
- 16 Mar: Feedback on the draft HS Codes
- 21 Mar: MICC Meeting
- 14 Apr: MDA Meeting
- MDA said that the timeline will be revised.

#### Orphaned and Discontinued Medical Devices

- Issue resolved



#### 29 August 2022: MDA Meeting on the Grouping For Orthopaedics Implant Medical Device

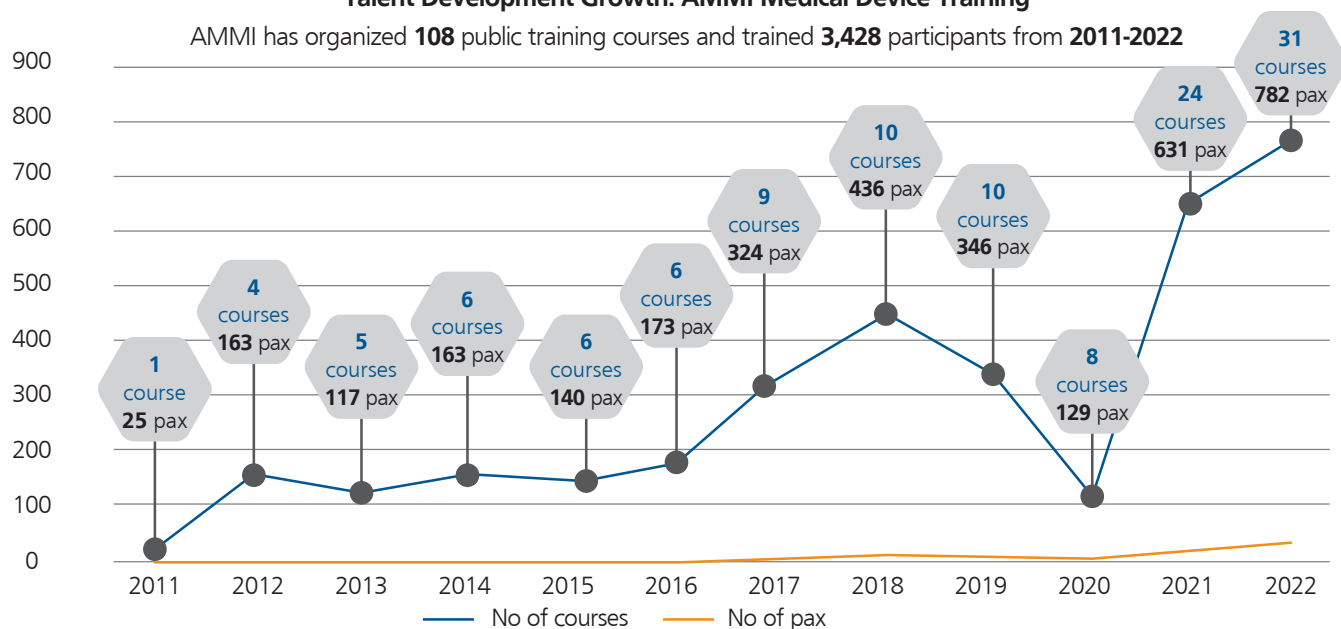
AMMI RA Committee Co-Leader Ms Grace Wong attended the meeting on 29 August 2022. After the meeting, AMMI held an alignment call with other medical associations 7 September before writing our advocacy letter to MDA on 15 September.

# PILLAR 2: TALENT DEVELOPMENT

## AMMI Public Training 2022

### Talent Development Growth: AMMI Medical Device Training

AMMI has organized **108** public training courses and trained **3,428** participants from **2011-2022**



1	Test Method Validation	05 - 06	January 2022	25
2	ISO 13485 QMS	22 - 23	February 2022	34
3	EU MDR Beginner	02	March 2022	20
4	ISO 13485 Internal Audit	15 -16	March 2022	18
5	Statistical Process Control	29	March 2022	26
6	EU MDR Intermediate	30 - 31	March 2022	26
7	Risk Management	04 - 05	April 2022	30
8	FMECA	06	April 2022	13
9	MDSAP Intermediate	12 - 14	April 2022	31
10	US FDA 21 CFR Part 820	20 - 21	April 2022	20
11	Acceptance Sampling Method	25 - 26	April 2022	13
12	Process Validation	25 - 26	April 2022	26
13	Process Validation	09 - 10	May 2022	31
14	ISO 13485 QMS	08 - 09	June 2022	14
15	FMECA	13	June 2022	38
16	Test Method Validation	14 -15	June 2022	28
17	Design Control	27 - 28	June 2022	17
18	GDPMD	04	July 2022	11
19	Effective Root Cause Analysis	06	July 2022	37
20	NCR/CAPA/Complaint Handling	18 - 19	July 2022	18
21	ISO13485:2016 Internal Audit	26 - 27	July 2022	20
22	MDSAP Intermediate	23 - 25	August 2022	15
23	EU MDR/IVDR Regulatory Agility Workshop	19 - 20	September 2022	44
24	EU MDR Workshop for SME	21 - 23	September 2022	35
25	Test Method Validation	13 - 14	October 2022	31
26	Process Validation	18 - 19	October 2022	41
27	Risk Management	08 - 09	November 2022	34
28	Medical Device Change Control	28 - 29	November 2022	29
29	Good Documentation Practice	13	December 2022	11
30	Good Documentation Practice	13	December 2022	31
31	Test Method Validation	14 - 15	December 2022	15

**Total**

**782**

# PILLAR 2: TALENT DEVELOPMENT

## Special Project: ARISE Plus Malaysia Workshops

AMMI through its secretariat agency, Medsociety Sdn Bhd, organised 2 workshops fully funded by the ARISE Plus Malaysia via the International Trade Centre, a joint agency of the United Nations and World Trade Organization based in Geneva. The ASEAN Regional Integration Support by the EU (ARISE) Plus Malaysia aims to support inclusive and sustainable economic growth in Malaysia through international trade and economic integration.

Programme overseers for the training were the Malaysia External Trade Development Corporation (MATRADE) and the Department of Standards Malaysia.



### 19 – 20 September 2022: Workshop on EU MDR/ EU IVDR for MDA

This workshop was conducted from 19-20 September 2022 at Aloft Hotel, Kuala Lumpur. There were 40 staff from Medical Device Authority (MDA) and 4 observers from the Department of Standards attended the workshop for two full days. The trainers were Ms Seow Lan Hoon (EU MDR) and Ms Ong Yean Ting (EU IVDR). Special thanks to the following facilitators and guest speakers to provide their support to make the workshop successful.

#### Facilitators:

- Ms Quek Lang Fah, Head of Regulatory Affairs, B. Braun
- Ms Ng Yoke Yin, Senior Manager, Regulatory Affairs, Ansell
- Ms Law Ching Yee, Regulatory Affairs Manager, Abbott Medical
- Chuah Chiew Teng, Regulatory Consultant, CCT Consultancy Sdn Bhd
- Ms Koh Wai Chin, Quality and Regulatory Partner, Roche Diagnostics (M) Sdn Bhd

#### Guest Speakers

- Mr Elmar Friesnegger, Vice President, Central Functions Plant Operations, B. Braun
- Dr. Mohd Emil Azril Bahari Md Noor, GM, Government Affairs & Market Access, B. Braun



Welcome remarks by Mr Andy Lee, Chairman, AMMI.



Closing remarks by Mr Ahmad Shariff bin Hambali, Chief Executive, MDA.



Sharing by Mr Elmar Friesnegger, VP, Central Functions Plant Operations, B. Braun



Sharing by Dr. Mohd Emil Azril Bahari Md Noor, GM, Government Affairs & Market Access, B. Braun

# PILLAR 2: TALENT DEVELOPMENT

## Special Project: ARISE Plus Malaysia Workshops



### 21 – 23 September 2022: Workshop on EUMDR for Malaysian SMEs

This workshop was conducted from 21-23 September 2022 at Pullman Kuala Lumpur Bangsar Hotel, Kuala Lumpur. There were 28 participants from 19 SMEs and 8 observers from the Department of Standards and MATRADE attended the workshop. The workshop has benefited AMMI members - APS Medical, Epsilon, Ideal Healthcare and Worldwide Medivest.



Closing remarks by Ms Zalela Jaafar, Director, Lifestyle & Life Sciences Section, MATRADE



From left: Mr Mohd Shafiq Nasarudin, Assistant Manager, Life Sciences Unit, MATRADE; Mr CS Ching, Executive Director, AMMI; Ms Zalela Jaafar, Director, Lifestyle & Life Sciences Section, MATRADE; Ms Noor Diran Husain, Manager, Life Sciences Unit, MATRADE.

## Engagement with University of Malaya








AMMI Member Cochlear Malaysia hosted the industrial visit of the Biomedical Engineering Student Club of the University of Malaya on 21 December 2022. The students were divided into four teams to tour the Engineering Lab, Production Floor, Warehouse and Facilities.











# PILLAR 2: TALENT DEVELOPMENT

## STEM PLUS-AMMI Medtech Talent & Employment Programme



A Collaboration Project between Universiti Malaya STEM Centre and Association of Malaysian Medical Industries (AMMI).

Batch 1 - 17 participants from 5 AMMI Member Companies						Total
Participating Company						
	11	1	3	1	1	17

Batch 2 - 18 participants from 10 AMMI Member Companies						Total
Participating Company						
	3	3	1	1	3	11
Participating Company						
	1	1	1	2	2	7
						18

## AMMI Medtech Examination Committee



**Ms Kek Soo Ling**

Director, Quality  
Abbott



**Ms Koh Seok Ling**

Sr QA/RA Manager  
Ambu



**Ms Quek Lang Fah**

Head of RA  
B. Braun Medical Industries



**Ms Gan Poh Siew**

Director, QA/RA,  
Haemonetics

# PILLAR 2: TALENT DEVELOPMENT

## Engagement with the HRD Corp – Microcredential Initiative

15 June 2022: The HRD Corp issued the Employers' Circular No. 2/2022, notifying the employers of the Microcredential Initiative Implementation starting 15 August 2022. Most of our members were concerned about the Microcredential fee of RM300/trainee.



4 July 2022: AMMI was appointed as a member of the HRD Corp Microcredential Technical Working Committee together with all the major employers' associations. AMMI Executive Director Mr CS Ching attended the first meeting and expressed our association's recommendation.



19 July 2022: AMMI Executive Director Mr CS Ching attended the 2nd HRD Corp Microcredential Technical Working Committee meeting. All the committee members aligned to make the recommendation that the HRD Corp Nine (9) Focus Area Courses will be mandatory for the Microcredential while all other courses should be optional.



AMMI Executive Director Mr CS Ching at the HRD Corp Microcredential Technical Working Committee meeting.

## AMMI Global Expert Webinar

### 22 June 2022: An Overview of Sterile Barrier Packaging Validation Testing

- Speaker: **Mr Philip Roxby**, Technical Services Manager, STERIS Galway, Ireland
- The webinar was attended by 216 participants.



### 28 July 2022: Additive Manufacturing for Medical Device Applications

- Speaker 1: Dr Zhang Danqing, Head of Additive Manufacturing, ASEAN, TÜV SÜD
- Speaker 2: Mr Simon Schlagintweit, Lead Auditor & Medical Expert Additive Manufacturing, TÜV SÜD
- The webinar was attended by 71 participants.



### 20 October 2022: Sterile Packaging Standards: Latest Revisions & Future Proposals

- Speaker: **Mr Thierry Wagner**, Global Director, Regulatory & Standards, DuPont Healthcare Packaging, DuPont Water & Protection
- Moderator: **Mr Vishnu Vyas**, AP Leader- Regulatory & Standards, DuPont™ Tyvek® Healthcare Packaging
- The webinar was attended by 111 participants.



# PILLAR 2: TALENT DEVELOPMENT

## Medical Device Industry Career Talk

In conjunction with



Organized by



Driven by



Supported by



19 May 2022

Overview and Career Opportunities in the Medical Device Industry



**MODERATOR**  
Dato' Loo Lee Lian  
CEO, Invest Penang



**Mr Fearghal Hennessy**  
VP Operations,  
Boston Scientific



**Mr CS Ching**  
Executive Director,  
AMMI



**Ms Suriati Abd Samad**  
HR Manager,  
Paramit.Tecan Malaysia



**Ms Cheryl Fong**  
Quality System Manager,  
Boston Scientific



**Mr Jason Ng**  
Manufacturing VP,  
UWHM

In conjunction with



Organized by



Driven by



Supported by



25 May 2022 Innovation and Career Paths in the Medical Device Industry



**MODERATOR**  
Mr CS Ching  
Executive Director,  
AMMI



**Mr Christoph Mueller**  
Senior VP Operations,  
Asia Pacific & Head of  
Centre of Excellence  
Intravenous Access,  
B. Braun Medical Industries



**Ms Joyce Ong**  
HR Director,  
Boston Scientific



**Mr Sunny Teoh**  
Senior Manager,  
R&D Governance,  
B. Braun Medical Industries



**Ts. Mohammad Syukur Md Noh**  
Director of Production  
Operations,  
B. Braun Medical Industries



**Mr Fun Mun Hin**  
NPI Manager,  
Ambu

# PILLAR 2: TALENT DEVELOPMENT

## AMMI HR Roundtable

### 15 June 2022: AMMI HR Roundtable

12 HR professionals from 9 AMMI member companies attended the online HR Roundtable. The main topic of discussion was Foreign Direct Labour (FDL) Hiring Process with focus on key things to watch out for as well as discussion/Q&A.

The session was facilitated by Ms Tan Lin Im (AMMI Talent Development Committee Co-Leader, Senior HR Director, APAC, Teleflex and Ms Suriati binti Samad, HR Director, Paramit. TECAN.



**Ms Tan Lin Im**  
Senior Regional HR  
Director, APAC



**Ms Suriati binti Samad**  
HR Director



### 10 August 2022: AMMI HR Roundtable, Olive Tree Hotel Penang

Over 23 participants attended the AMMI HR Roundtable held at the Olive Tree Hotel Penang on 10 August 2022. Key highlights from the event

- Presentation on the Latest Development of EA Amendments and What It Means to Your Company, by Ms Shalani Devi, of Shalani Devi & Co.
- Update on MITI's Meeting on the Employment and Entry of the Foreign Workers' Policy by Suriati Abdul Samad, HR Manager, Paramit
- Roundtable on Retention Strategy led by Ms Tan Lin Im, Co-Leader of AMMI Talent Development Committee/APAC Senior HR Director, Teleflex

# PILLAR 3: OPERATIONAL EXCELLENCE

## Sharing Sessions and Factory Visits



### 3 June 2022: AMMI OpEx Sharing and Visit to Paramit.TECAN

21 delegates from AMMI member companies joined the OpEx Sharing and Visit to Paramit.TECAN. Special thanks to Mr Michel Van Crombrugge, Country Manager, Paramit.TECAN for hosting the fruitful visit.



### 1 September 2022: AMMI Visit to Alcon Johor

20 delegates from AMMI member companies joined the visit to Alcon Johor which was organised in conjunction with the AMMI Quarterly Meeting in Johor Bahru. Special thanks to Dr James Govindasamy, General Manager/ Site Head of Alcon Johor for hosting an insightful visit.

### 26 October, 3, 25 and 30 November 2022 - OpEx Brainstorming Sessions

The OpEx Committee brainstormed and prepared for the Panel Discussion at the Malaysia MedTech Industry Summit on "Improving Manufacturing Excellence Industry-Wide on 1 December 2022.



### 24 January 2022 - Best Practice Sharing on Covid-19 case management



The online session included sharing on how to digitalise covid-19 case management and use of software/hardware for contact tracing.

# PILLAR 4: MEDICAL TECHNOLOGY INDUSTRY DEVELOPMENT

## Collaboration with Malaysian Investment Development Authority (MIDA)

14 November 2022: Launch of the AMMI Medical Device Industry Status and Outlook 2021/2022 Report

The Malaysian Investment Development Authority (MIDA) and the Association of Malaysian Medical Industries (AMMI) released the AMMI Medical Device Industry Status and Outlook 2021/2022. The report highlighted that the Malaysian medical device industry demonstrated remarkable resilience despite COVID-19 pandemic challenges.



From left: Ms Azlina Hamdan, Director of MIDA Life Sciences & Medical Technology Division; Ms Umarani Muniandy, MIDA Executive Director (Manufacturing Development -Resource); Yang Berbahagia Datuk Wira Arham Abdul Rahman, MIDA CEO; Mr Andy Lee Kuan Min, AMMI Chairman; Yang Berbahagia Dato' Seri Dr Haji Haminnuddin, AMMI Secretary-General; Mr Michel Van Crombrugge, AMMI Treasurer.

New Straits Times - TUESDAY, NOVEMBER 15, 2022

16 | BUSINESS / News

MEDICAL DEVICE MANUFACTURING

### MALAYSIA KNOWN AS OFFSHORE HUB

Report shows 10 out of top 30 global firms have set up business in country

**SINGAPORE**

MALAYSIA is recognised as one of the world's top offshore manufacturing hubs for medical devices, according to a report.

The "AMMI Medical Device Industry Status and Outlook 2021/2022 Report", released yesterday, highlighted the country's resilience in the face of COVID-19 pandemic challenges.

The report by Malaysian Investment Development Authority (MIDA) and a consortium of Malaysian Medical Industries (AMMI) shows that 10 out of top 30 global medical technology companies have established manufacturing footprint in Malaysia.

AMMI Chairman Andy Lee Kuan Min said Malaysia will continue to attract more foreign direct investment in medical device manufacturing following the conclusion of the Comprehensive and Progressive Agreement for Trans-Pacific Partnership (CPTPP).

It also shows that 100 medical device manufacturing companies make up Malaysia's vibrant medical device industry, including activities such as manufacturing and research and development.

Dr. Haji Haminnuddin, AMMI Secretary-General, said the report shows that Malaysia is a prospective investment destination in the region.

"In the past five years, AMMI members' investment levels in Malaysia continued to grow. Over 60 per cent of our members have established R&D centres in Malaysia, and this trend is expected to continue in the coming years," AMMY's heavy engagement is aimed to create a cohesive and resilient ecosystem in the country.

AMMI also plays the role of mediator between the companies and local regulators, ensuring the quality standards and regulatory norms match the global demand," he said.

Meanwhile, AMMI chairman Andy Lee said Malaysia will continue to attract the foreign direct investment in medical device manufacturing with the introduction of CPTPP and Progressive Agreement for Trans-Pacific Partnership (CPTPP).

He said AMMI believes that the industry has the potential to scale even further and capitalise on the global medical device market, which is expected to reach US\$1.4 trillion by 2026.

AMMI has helped the industry's major companies organise training programmes, which have benefited 2,697 Malaysians and strengthened their abilities of creating better jobs.

"AMMI has helped promote Malaysia as a prospective investment destination in the region and Asia, attracting the attention of major international firms in the medical device industry."

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**Daily Express**  
INDEPENDENT NATIONAL NEWSPAPER OF EAST MALAYSIA  
Established since 1963

### Malaysia dazzles as world medical devices leader

Published on: Tuesday, November 15, 2022  
By: Bernama

Text Size: + - Dark Mode: Off

The Ammi Medical Device Industry Status and Outlook 2021/2022 Report launched jointly by Mida and Ammi.

**PENANG:** The Malaysian Investment Development Authority (Mida) and the Association of Malaysian Medical Industries (Ammi) Monday released the Ammi Medical Device Industry Status and Outlook

# PILLAR 4: MEDICAL TECHNOLOGY INDUSTRY DEVELOPMENT

## External Meetings & Visits



**30 March 2022: ASEAN-Business Advisory Council (BAC) Malaysia Virtual Dialogue with Trade Associations and Chambers Of Commerce 2022**

AMMI Chairman Mr Andy Lee and AMMI Executive Director Mr CS Ching attended the virtual dialogue on behalf of the association.



**27 June 2022: AMMI Virtual Meeting with SME Support Japan**

AMMI Executive Director Mr CS Ching held a virtual meeting with SME Support Japan to explore potential business matching session with AMMI members.



**26-27 September 2022: Asia Pacific Medtech Forum 2022**

AMMI Chairman Mr Andy Lee and AMMI Executive Director Mr CS Ching attended the Asia Pacific Medtech Forum 2022 on behalf of the association.

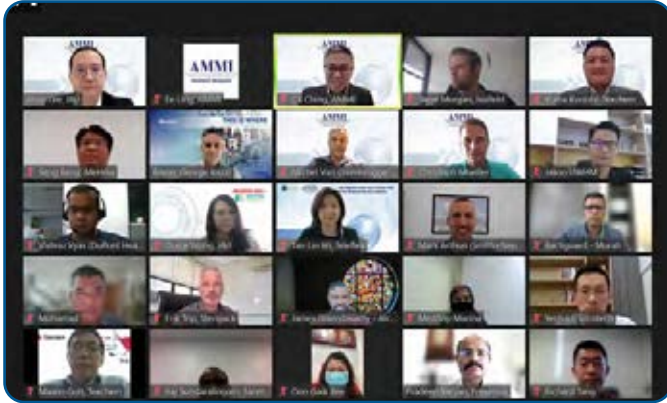


**12 October 2022: AMMI Delegates visit SIRIM Medical Device Innovation Centre (MDIC), Kulim Hi-Tech Park**

AMMI Executive Director Mr CS Ching led AMMI delegation to visit SIRIM Medical Device Innovation Centre (MDIC) in Kulim Hi-Tech Park. The AMMI delegation comprised representatives from Ambu, Epsilon, Sanichem, Texchem and UWHM.

# AMMI EVENTS

## Members' Quarterly Meetings



2 June 2022: AMMI AGM, Q2 Meeting and CEO Networking  
E&O Hotel, Penang



# AMMI EVENTS

## Members' Quarterly Meetings

### 1 September 2022 - AMMI Q3 Progress Meeting & CEO Networking

JEN Hotel Sutera Harbour, Johor



### 30 November 2022 - AMMI Q4 Progress Meeting & Updates

Ascott Gurney Penang



# AMMI EVENTS

## Gala Dinner 2022



### 30 November 2022 – AMMI Gala Dinner

Ascott Gurney Hotel, Penang

Over two hundred AMMI members and guests attended the AMMI Gala Dinner 2022. AMMI Chairman Mr Andy Lee delivered the welcome remarks. Guest of Honour for the night was Ms Lim Bee Vian, Deputy CEO of MIDA. The theme AMMI Gala Dinner 2022 was all about appreciation and recognition, with key highlights being the AMMI Awards Presentations.



# AMMI EVENTS

## Gala Dinner 2022

A big thank you to our sponsors for the AMMI Gala Dinner & Malaysia MedTech Industry Summit 2022



### Platinum Sponsor's Appreciation Award

AMMI Chairman, Mr Andy Lee presented the Platinum Sponsor's Appreciation Award to Mr Fearghal Hennessy, VP Operations, Boston Scientific.

From left: Y.Bhg Dato' Seri Dr Haji Haminnuddin, AMMI Secretary-General; Mr Andy Lee, AMMI Chairman; Mr Fearghal Hennessy, VP Operations, Boston Scientific; Mr Samuel Pooranakaran, AMMI Vice-Chairman.



### Gold Sponsors' Appreciation Award

AMMI Secretary-General, Y.Bhg Dato' Seri Dr Hj. Haminnuddin presented the Gold Sponsor's Appreciation Award to B. Braun, Cochlear, Dexcom, Johnson & Johnson and Molnlycke.

From left: Mr Samuel Pooranakaran, VP Manufacturing, Cochlear; Y. Bhg Dato' Seri Dr Hj. Haminnuddin, AMMI Secretary General; Mr HS Lee, Director and Finance Manager, Molnlycke; Mr Andy Lee, Director, Government Affairs, Johnson & Johnson; Mr Lam Chee Hong, President, Asia Pacific, B. Braun; and Mr Columba McGarvey, VP, APAC Operations, Dexcom.



### Silver Sponsors' Appreciation Award

AMMI Secretary-General, Y.Bhg Dato' Seri Dr Hj. Haminnuddin presented the Silver Sponsor Appreciation Award to KLS Martin, Paramit.TECAN, SteriPack, Tako Astatic and Texchem Life Sciences.

From left: Mr John Ward, VP, SteriPack; Mr Samuel Pooranakaran, AMMI Vice Chairman; Y.Bhg Dato' Seri Dr Hj. Haminnuddin, AMMI Secretary General; Mr Andy Lee, AMMI Chairman; Dr Yuma Konishi, Managing Director, Texchem Life Sciences; Mr Aaron Know, Executive Director, Tako Astatic; Y.Bhg. Dato' Hans Brenner, Director, KLS Martin; and Michel Van Crombrugge, Country Manager, Parami.TECAN.

# AMMI EVENTS

## Gala Dinner 2022

### AMMI Environmental, Social, and Governance (ESG) Recognition Award

As climate change, social issues, and corporate integrity challenges loom, it is more important now than ever for companies to embrace ESG as an integral part of doing business globally. AMMI takes the opportunity to acknowledge members' efforts in ESG initiatives and hopefully inspire many others to follow suit. The AMMI ESG Recognition Award was presented to Ambu, B. Braun, Boston Scientific, Biocon, Greatech, Smith & Nephew, Teleflex, Molnlycke and Paramit.TECAN by AMMI Chairman, Mr Andy Lee.



From left to right: Mr Muneswaran Gandhi, Plant Manager, Teleflex; Mr Mark Arthur, Managing Director & Site Leader, Smith & Nephew, Y.Bhg. Dato' EK Tan, Co-Founder and CEO, Greatech; Mr Ridzwan Raja, Site HR Head, Biocon; Mr Andy Lee, Chairman, AMMI; Mr Fearghal Hennessy, VP Operations, Boston Scientific; Mr Graham Rice, VP, Procurement Asia Pacific, B. Braun; Mr Lee Choon Hooi, Senior ESG Engineer, Ambu; Mr JC Guillou, VP, Global Operations & Sourcing, Gloves, Molnlycke; Mr Michel Van Crombrugge, Country Manager, Paramit.TECAN.



### AMMI Talent Development Recognition Award

This award was given to acknowledge members who have actively participated in AMMI Public Training in 2022. Mr Samuel Pooranakaran, AMMI Vice-Chairman and Leader of Talent Development Committee presented the awards to Ambu, B. Braun and Teleflex.

From left to right: Ms Tan Lin Im, Ms Tan Lin Im, APAC Regional Senior HR Director, Teleflex; Ms Azura Roslee, Early Career & Talent Acquisition Manager, B. Braun; Mr Samuel Pooranakaran; and Ms Alice Tan, Senior HR Manager, Ambu.

### AMMI Global Expert Sharing Appreciation Award

AMMI appreciates members who have contributed to knowledge sharing through their industry or global experts. Mr Samuel Pooranakaran, AMMI Vice-Chairman and Leader of Talent Development Committee presented the awards to DuPont and STERIS.

Mr Samuel Pooranakaran presented the AMMI Global Expert Sharing Appreciation Award to (L) Mr Suwit Tunlayadechanont, Regional Director, Asia, STERIS and (R) Mr Eng Boon See, Business Development Manager, DuPont.



# AMMI EVENTS

## Gala Dinner 2022



# AMMI EVENTS

## Gala Dinner 2022



# AMMI EVENTS

## Gala Dinner 2022



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## Gala Dinner 2022



# AMMI EVENTS

## Gala Dinner 2022



# AMMI EVENTS

## Gala Dinner 2022



# AMMI EVENTS

## Gala Dinner 2022



# AMMI EVENTS

## Malaysia MedTech Industry Summit 2022



### 1 December 2022 – Malaysia MedTech Industry Summit

The Association of Malaysian Medical Industries (AMMI) organised its inaugural Malaysia MedTech Industry Summit at Ascott Gurney Penang. The event was organised in conjunction with Penang's 50th Anniversary of Industrialization, supported by Penang State Government, InvestPenang, Penang Development Corporation (PDC) and Malaysian Investment Development Authority (MIDA). Over 300 participants attended the summit.

The objective of the event was to serve as a platform for local suppliers to connect with medical device manufacturers. The summit saw many presentations and best-practice sharing sessions.



# AMMI EVENTS

## Malaysia MedTech Industry Summit 2022



Welcome Remarks by AMMI Chairman, Mr Andy Lee



Keynote Speech by Penang Chief Minister, YAB Tuan Chow Kon Yeow



### Presentation of Memento to Chief Minister of Penang, YAB Tuan Chow Kon Yeow and VIP Group Photo

Left to right: Mr Columba McGarvey, VP, APAC Operations, Dexcom; Mr Michel Van Crombrugge, AMMI Treasurer/Country Manager, Paramit.TECAN; Dr Yuma Konishi, AMMI Board Member/Managing Director, Texchem Life Sciences; Mr JC Guillou, AMMI Board Member/VP Global Operations & Sourcing, Gloves, Molnlycke; Ms Lim Bee Vian, Deputy CEO, MIDA; Y.Bhg. Dato' Seri Dr Hj Haminnuddin, AMMI Secretary General/Executive Chairman, Ideal Healthcare; YAB Tuan Chow Kon Yeow, Chief Minister of Penang; Mr Andy Lee, AMMI Chairman/Director, Government Affairs, Johnson & Johnson; Y.Bhg. Dato' Loo Lee Lian, CEO of Invest Penang; Mr Samuel Pooranakaran, AMMI Vice-Chairman, VP Manufacturing, Cochlear; Mr Fearghal Hennessy, VP Operations, Boston Scientific; Y.Bhg. Dato' Seri Lee Kah Choon, Special Investment Advisor to the Chief Minister; Mr Lam Chee Hong, AMMI Board Member/President, Asia Pacific, B. Braun; Mr John Ward, AMMI Vice-Chairman/VP, SteriPack; and Mr CS Ching, AMMI Executive Director.

### Topic 1 Creating a Robust MedTech Ecosystem



Presentation by Ms Lim Bee Vian, Deputy CEO, MIDA.



Presentation by Y.Bhg. Dato' Seri Lee Kah Choon, Special Investment Advisor to the Chief Minister.



Presentation of tokens of appreciation to speakers by AMMI Chairman, Andy Lee

# AMMI EVENTS

## Malaysia MedTech Industry Summit 2022



### Topic 2: Improving Manufacturing Excellence Industry-Wide

#### Speakers:

- Mr Sayron Ruiz, Director, Manufacturing Engineering, Boston Scientific Penang
- Mr Michel Van Crombrugge, AMMI Treasurer/ Leader of AMMI OpEx Committee; Country Manager, Paramit.TECAN
- Y.Bhg. Dato' Hans Brenner, AMMI OpEx, Committee Member; Director, KLS Martin Group
- Ms Hawwa Nouay, Director, Operational Excellence, B. Braun Medical Industries



### Topic 3: Sustainability in MedTech Manufacturing and Outlook

#### Speakers:

- Mr JC Guillo, AMMI Board Member; VP, Global Operations & Sourcing, Gloves, Molnlycke Health Care
- Mr Elmar Friesnegger, AMMI OpEx Committee Member; VP Central Functions Plant Operations, B. Braun Medical Industries
- Mr Gogielan Nantha Kumar, Deputy Director, Green Technology Division, MIDA

# AMMI EVENTS

## Malaysia MedTech Industry Summit 2022



### Topic 4 : Panel Discussion: Building the Talent Pipeline and Creative Retention Strategies in the Medical Device Industry

The panel discussion was moderated by Ms Tan Lin Im, AMMI Talent Development Committee Co-Leader; APAC Regional Senior HR Director, Teleflex Medical. Panel members were:

- Mr Jason Ng, AMMI Government Affairs/RA/ OpEx Committee Member; Manufacturing VP, UWHM (UMediC Group)
- Mr George Kazzi, General Manager – Malaysia & Philippine, Head of Commercial Excellence India/SEA, Baxter International Inc
- Ir Dr. Nasrul Anuar Abd. Razak, Head of Biomedical Department, University of Malaya
- Ms Joyce Ong, HR Director, Boston Scientific Penang

### Supply Chain Session

### Achieving Supply Chain Resilience: Strengthening Medical Device Ecosystem



Dato' Loo Lee Lian, CEO of Invest Penang gave the Opening Remarks for the Supply Chain Session. The session was created for the medical device companies to share their latest sourcing requirements and parts that they would like to localize in Malaysia. Boston Scientific, Cochlear, Dexcom, Smith & Nephew, Tako Astatic Technology and Japan Lifeline (JLL Malaysia) shared about their companies, products and supply chain needs. The evening ended with Networking Cocktail Session for the attendees.



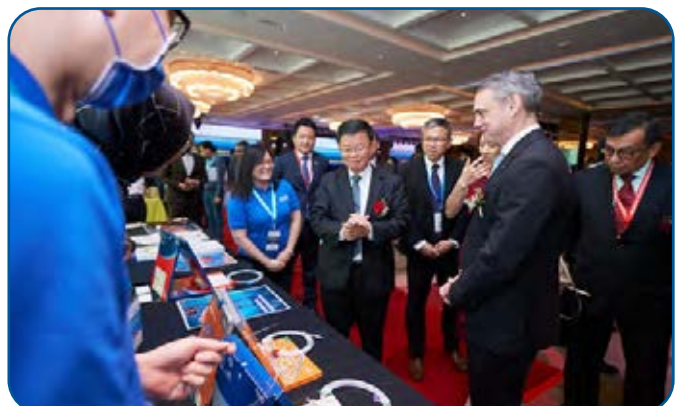
# AMMI EVENTS

## Malaysia MedTech Industry Summit 2022

### Networking Lunch



### Exhibitors' Booth



# AMMI EVENTS

## Malaysia MedTech Industry Summit 2022

### Exhibitors' Booth



# AMMI EVENTS

## Malaysia MedTech Industry Summit 2022



# AMMI EVENTS

## Malaysia MedTech Industry Summit 2022



# AMMI EVENTS

## Malaysia MedTech Industry Summit 2022



# AMMI IN THE NEWS

## Malaysia MedTech Industry Summit



### 全球30大医疗技术公司 大马有10家 槟城占了六成

2022年12月01日



### BUSINESS

## AMMI: Malaysia among world's top offshore manufacturing hubs for medical devices



Penang chief minister Chow Kon Yeow (left) and The Association of Malaysian Medical Industries (AMMI) chairman Andy Lee Kuan Min (second, right) at the Malaysia MedTech Industry Summit 2022, George Town today.



01/12/2022 05:10 PM

GEORGE TOWN, Dec 1 (Bernama) – Malaysia is now one of the world's top offshore manufacturing hubs for medical devices, with over 290 manufacturing companies operating in the nation's thriving medical device industry.

The Association of Malaysian Medical Industries (AMMI) chairman Andy Lee Kuan Min said that ten out of 30 global medical technology (MedTech) companies have set up manufacturing facilities in Malaysia.

"From a producer of latex gloves and catheters, the local industry is today recognised as a reliable manufacturer and supplier of a broad range of higher-value medical devices made from electronics, plastic, silicone, and metal alloys.



## MedTech industry shares best practices to strengthen medical device ecosystem

By Lee Kah Kit



THE medical device industry in Malaysia has grown significantly over the past 20 years.

Association of Malaysian Medical Industries (AMMI) chairman Andy Lee said Malaysia is now considered one of the world's top offshore manufacturing hubs for medical devices, alongside Puerto Rico, Ireland and Costa Rica.

"The cost of the raw for global medical technology companies have set up manufacturing facilities here in Malaysia.

"Today, over 290 medical device manufacturing companies based in Malaysia's vibrant medical device industry, producing a range of products – from serving as regional headquarters and manufacturing in research and development," he said at the launch of the Malaysia MedTech Industry Summit 2022 at Austin Centre, Penang today.

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OTHER NEWS



## With RM6.6b investments, Penang soon to be one of the world's top offshore hubs to make medical devices

By Opalyn Mok

1 December 2022 | 11:00 AM



GEORGE TOWN, Dec 1 — Penang is poised to be one of the world's top offshore manufacturing hubs for medical devices, Chief Minister Chow Kon Yeow said today.

# MEMBERS' NEWS

## Latest Updates from AMMI Members

AMMI members continue to show their commitment and confidence in the Medical Device Industry in Malaysia with their growth and investments in new plants, expansion of manufacturing and distribution facilities.

28 June 2022 – Grand Opening Ceremony of Smith & Nephew



26 July 2022 – UMediC Group Bhd (UMC) debuts on ACE Market, Bursa Malaysia  
AMMI member, UWHM Sdn Bhd is a subsidiary of UMediC Group Bhd.



3 August 2022 – Groundbreaking Ceremony of Becton Dickinson



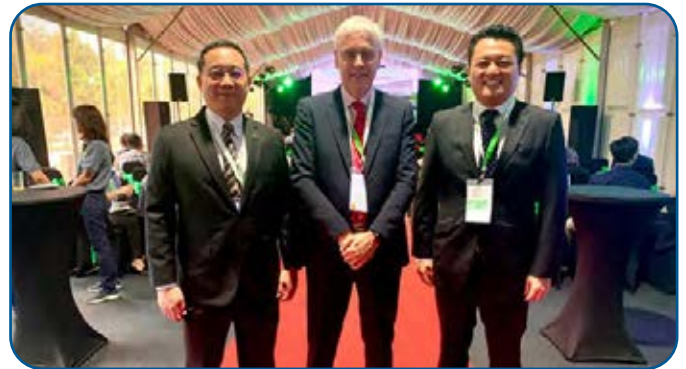
# MEMBERS' NEWS

## Latest Updates from AMMI Members

7 September 2022 - Opening Ceremony of Bactiguard's New Warehouse



20 September 2022 - Grand Opening Ceremony of Molnlycke



26 October 2022 - Launch of Cochlear Malaysia Manufacturing Expansion



14 November 2022 Official Opening of the Boston Scientific Global Distribution Centre Penang



## NEW MEMBERS

ADT Biotech was been incorporated in 2010 with the vision of improving the standard of diagnostic tests and procedures by bringing advanced technologies, quality brands and innovative products to healthcare markets in the Asia Pacific region. Our goal is to provide faster and more accurate diagnostic tests and to increase the quality and content of clinically relevant information to support the healthcare practitioner in making faster and better treatment and patient management decisions, leading the path to improved patient outcomes.



ADT Biotech is headquartered in Kuala Lumpur, Malaysia and has been awarded the BioNexus Status, as conferred by the Malaysian Bioeconomy Corporation, an agency under the purview of the Ministry of Science, Technology and Innovation (MOSTI), for the development and commercialization of in vitro diagnostic products with a specific focus on the needs of developing markets in Asia and worldwide. To date we have launched kits for Tuberculosis and non-tuberculous mycobacteria, Leptospira, Scrub Typhus, MERS-CoV, HIV-2, and an HCV genotyping assay. Our latest contribution is our LyteStar™ 2019-nCoV RT-PCR kit for the detection of SARS-CoV-2, the pathogen causing COVID-19.

## Dexcom

Dexcom is a pioneer in continuous glucose monitoring (CGM). Since 1999, we have developed innovative technology that has transformed how people manage diabetes. Our products are part of people's daily lives, empowering them to live confidently and feel more in control, free to pursue their dreams. We have more than 8,000 employees across the globe dedicated to creating life-changing CGM solutions.

In 2021 we embarked on the expansion of our global manufacturing footprint, building Dexcom's first manufacturing facility outside of the United States in Penang. The facility located on a 28 acre site in Batu Kawan will manufacture our latest devices using advanced automation and is expected to commence commercial production during 2023.



JLL is an independent medical device company that engages in two types of business, full-service distributing and a manufacturer.

We are a full-service distributor and manufacturer of medical devices. We are a full-service distributor and manufacturer that provides medical devices that treat cardiovascular diseases. Since our very first business of importing and marketing the cardiac pacemakers started in 1981, we have committed to the medical field in Japan over 40 years.

To provide superior medical devices for medical professionals and patients, we have brought cutting-edge devices from overseas to the domestic market. We have also developed and manufactured our own products that are precisely tailored to the needs of medical professionals in Japan. With Medical Technology Park as our mother factory, we are working to strengthen the stable supply of our products by collaborating with our overseas manufacturing bases. Our factory in Penang Science Park, Malaysia, began operations in June, 2020, focusing on electrophysiology catheters.

# MEMBERS' DIRECTORY

Full Member	Company Name & Address
1	 <b>Abbott</b> <b>St. Jude Medical Operations (Malaysia) Sdn. Bhd.</b> <b>St Jude Medical is now Abbott</b> Plot 102, Lebuhraya Kampung Jawa, 11900 Bayan Lepas Industrial Zone, Penang, Malaysia Tel: 604-810 1000 Fax: 604-810 1001 Country of Origin: USA Website: <a href="http://www.my.abbott">www.my.abbott</a>
2	 <b>AIN MEDICARE</b> <b>Ain Medicare Sdn Bhd</b> Jalan 6/44, Kawasan Perindustrian Pengkalan Chepa 2, Kota Bharu 16100, Kelantan, Malaysia Tel: 609-774 3388 Fax: 609-774 2205 Country of Origin: Malaysia Website: <a href="http://www.ainmedicare.com.my">www.ainmedicare.com.my</a>
3	 <b>AHP</b> <b>DIAGNOSTICS</b> <b>Allen Healthcare Products (M) Sdn Bhd</b> 17, Lorong Nagasari 2, Taman Nagasari, 13600, Perai, Penang, Malaysia Tel: 604-390 1168 Fax: 604-383 1334 Country of Origin: Malaysia Website: <a href="http://www.ahpbio.com">www.ahpbio.com</a>
4	 <b>Ambu</b> <b>Ambu Sdn Bhd</b> Lot 69B, Lintang Bayan Lepas 6, Phase IV, 11900 Penang, Malaysia Tel: 604-252 9000 Fax: 604-644 8932 Country of Origin: Denmark Website: <a href="http://www.ambu.com">www.ambu.com</a>
5	 <b>amcor</b> <b>Amcors Flexibles Asia Pacific (Bemis Asia Pacific Sdn Bhd)</b> Lot 823, Jalan Subang 5, Taman Perindustrian Subang USJ 1, 47600 Subang Jaya, Selangor, Malaysia Tel: 603-8021 0998 Fax: 603-8021 0000 Country of Origin: USA Website: <a href="http://www.amcor.com">www.amcor.com</a>
6	 <b>Ansell</b> <b>Ansell Global Trading Center (Malaysia) Sdn. Bhd.</b> Prima 6, Prima Avenue, Block 3512, Jalan Teknokrat 6, 63000 Cyberjaya, Malaysia. Tel: 603-8310 6688 Fax: 603-8318 6699 Country of Origin: Australia Website: <a href="http://www.ansell.com">www.ansell.com</a>
7	 <b>a.p.s.</b> <b>MEDICAL</b> <b>APS Medical Sdn Bhd</b> No. 28-32, Jalan Teluk Batu 36/2, Batu 4 1/2, Jalan Kebun, Seksyen 36, 40470 Shah Alam, Selangor, Malaysia Tel: 603-5162 2618 Fax: 603-5162 2619 Country of Origin: Australia Website: <a href="http://www.apsmmedical.com.au">www.apsmmedical.com.au</a>
8	 <b>Bactiguard</b> <b>BACTIGUARD (South East Asia) Sdn Bhd, a BACTIGUARD company (formerly known as VIGILENZ Medical Devices Sdn Bhd)</b> No. 308, Jalan Perindustrian Bukit Minyak 18, Penang Science Park, 14100 Penang, Malaysia Tel: 604-505 4241/505 9841 Fax: 604-505 9367 Country of Origin: Sweden Website: <a href="http://www.bactiguard.com">www.bactiguard.com</a>
9	 <b>BRAUN</b> <b>SHARING EXPERTISE</b> <b>B. Braun Medical Industries Sdn Bhd</b> Bayan Lepas Free Industrial Zone, P.O. Box 880, 10810 Penang, Malaysia Tel: 604-632 3100 Fax: 604-643 3750 Country of Origin: Germany Website: <a href="http://www.bbraun.com.my">www.bbraun.com.my</a>
10	 <b>balchem</b> <b>SHARING EXPERTISE</b> <b>Balchem Sdn Bhd</b> 37, Lorong Sungai Puloh 1A/KU6, Taman Teknologi Gemilang, Kawasan Perindustrian Sungai Puloh, 41050 Klang Selangor, Malaysia Tel: 03-3290 2263 Fax: 03-3290 2016 Country of origin: USA Website: <a href="http://www.balchem.com">www.balchem.com</a>

# MEMBERS' DIRECTORY

Full Member	Company Name & Address
11 	<b>Bard Sdn Bhd</b> Lot 57C, Lorong Perusahaan 5, Kulim Industrial Estate, 09000 Kulim, Kedah, Malaysia Tel: 604-4801300 Fax: 604-4891737 Country of Origin: USA Website: <a href="http://www.bd.com/en-my">www.bd.com/en-my</a>
12 	<b>Boston Scientific Medical Device (Malaysia) Sdn Bhd</b> PMT 741, Persiaran Cassia Selatan 1, Taman Perindustrian Batu Kawan 14100, Bandar Cassia, Penang, Malaysia Tel: 604-555 6688 Fax: 604-555 6699 Country of Origin: USA Website: <a href="http://www.bostonscientific.com">www.bostonscientific.com</a>
13 	<b>Ciba Vision Johor Sdn Bhd</b> No.1 Jalan DPB/5, PelabuhanTanjung Pelepas, 81560 Gelang Patah, Johor, Malaysia Tel: 607-504 3636 Fax: 607-507 1759 Country of Origin: Switzerland Website: <a href="http://www.alcon.com">www.alcon.com</a>
14 	<b>Cochlear Malaysia Sdn Bhd</b> Unit UG1, Upper Ground Floor, Vertical Podium, Avenue 3, Bangsar South, No.8, Jalan Kerinchi 59200, Kuala Lumpur, Malaysia. Tel: 603-2282 3839 Fax: 603-2282 3839 Country of Origin:Australia Website: <a href="http://www.cochlear.com">www.cochlear.com</a>
15 	<b>Diptech Industries Sdn Bhd</b> No.11 Jalan Angsana 1/3, Taman Perindustrian Angsana, 08000 Sungai Petani, Kedah, Malaysia Tel: 604-422 3688 Fax: 604-424 0941 Country of Origin: Malaysia Website: <a href="http://www.diptech.com.my">www.diptech.com.my</a>
16 	<b>DuPont Malaysia Sdn Bhd</b> Level 7, Menara CIMB, Jalan Stesen Sentral 2, Kuala Lumpur Sentral, 50470 Kuala Lumpur, Malaysia Tel: 603-2859 0700 Fax: 603-2859 9079 Country of Origin: USA Website: <a href="http://www.dupont.com">www.dupont.com</a>
17 	<b>Engineered Medical Systems Malaysia Sdn Bhd</b> 1114 Jalan Perindustrian Bukit Minyak 18, Penang Science Park, 14100 Simpang Ampat, Penang, Malaysia Tel: 604-504 1252 Fax: 604-504 1253 Country of Origin: USA Website: <a href="http://www.engmedsys.com">www.engmedsys.com</a>
18 	<b>Epsilon Medical Devices Sdn Bhd</b> Lot 5271, Jalan Perusahaan 3 Kamunting Industrial Area 34600 Kamunting, Perak, Malaysia Tel: 605-891 3158 Fax: 605-891 1266 Country of Origin: Malaysia Website: <a href="http://epsilon-group.com">epsilon-group.com</a>
19 	<b>Fresenius Medical Care Production Sdn Bhd</b> Lot 34618 PT29466, Bandar Enstek, Mukim Labu, 71760 Bandar Enstek, Negeri Sembilan, Malaysia Tel: 606-791 5334 Fax: 606-791 5336 Country of Origin: Germany Website: <a href="http://www.freseniusmedicalcare.my">www.freseniusmedicalcare.my</a>
20 	<b>Haemonetics Malaysia Sdn Bhd</b> Plot 308, Persiaran Cassia Selatan 1, Taman Perindustrian Batu Kawan, 14100 Simpang Ampat, Seberang Perai Selatan, Penang, Malaysia Tel: 604- 503 5141 Country of Origin: USA Website: <a href="http://www.haemonetics.com">www.haemonetics.com</a>

# MEMBERS' DIRECTORY

Full Member	Company Name & Address
21	 <b>Hospitech Manufacturing Services Sdn Bhd</b> Sub Lot, 1 Lot 6536, Batu 6 Jalan Bukit Kemuning 40460 Shah Alam, Selangor, Malaysia Tel: 603-5122 5199 Fax: 603-5122 5204 Country of Origin: Malaysia Website: <a href="http://www.hospitech.my">www.hospitech.my</a>
22	 <b>Ideal Healthcare Sdn Bhd</b> PT 60598 Jalan PKNK 1/5, Kawasan Perusahaan Sungai Petani (LPK 1), 08000 Sungai Petani, Kedah, Malaysia Tel: 604-444 6875 Fax: 604-444 5975 Country of Origin: Malaysia Website: <a href="http://www.idealcare.com.my">www.idealcare.com.my</a>
23	 <b>Integer (Lake Region Medical Sdn Bhd)</b> No. 91-B, Lebuhraya Kampung Jawa, 11900 Bayan Lepas Penang, Malaysia Tel: 604-810 1818 Fax: 604-643 1232 Country of Origin: USA Website: <a href="http://www.integer.net">www.integer.net</a>
24	 <b>ITL Asia Pacific Sdn Bhd</b> Plot 17B, Lorong Bemban 2, Bemban Industrial Estate, 31000, Batu Gajah Perak, Malaysia Tel: 605-3217 586 Fax: 605-3217 498 Country of Origin: Australia Website: <a href="http://www.itl-limited.com">www.itl-limited.com</a>
25	 <b>Jabil Circuit Sdn Bhd</b> 56 Hilir Sungai Keluang 1, Bayan Lepas Free Trade Industrial Zone Phase 4, 11900 Penang, Malaysia Tel: 604-6427975 Fax: 604-6428001 Country of Origin: USA Website: <a href="http://www.jabil.com">www.jabil.com</a>
26	 <b>Johnson &amp; Johnson Sdn Bhd</b> Level 8, The Pinnacle, Persiaran Lagoon, Bandar Sunway, 46150, Petaling Jaya, Selangor, Malaysia Tel: 603-7661 4615 Fax: 603-7610 0519 Country of Origin: USA Website: <a href="http://www.jnj.com">www.jnj.com</a>
27	 <b>KLS Martin Malaysia Sdn Bhd</b> No. 1193, Lorong Perindustrian Bukit Minyak 11, Taman Perindustrian Bukit Minyak, 14100 Simpang Ampat, Penang, Malaysia Tel: 604-506 2380 Fax: 604-506 2303 Country of Origin: Germany Website: <a href="http://www.klsmartin.com">www.klsmartin.com</a>
28	 <b>Medical Innovation Ventures Sdn Bhd</b> 1st Floor, Plot 88F, Lintang Bayan Lepas 10, Bayan Lepas Industrial Park, Phase 4, 11900 Bayan Lepas, Penang, Malaysia Tel: 604-6562824 Fax: 604-6562824 Country of Origin: Malaysia Website: <a href="http://www.mediven.com.my">www.mediven.com.my</a>
29	 <b>Medipro Malaysia Sdn Bhd</b> Lot 15, Lebu Hisamuddin 3, Kaw. 20, Bandar Sultan Sulaiman, 42000 Port Klang Selangor, Malaysia Tel: 603-3176 3446 Fax: 603-3176 4229 Country of Origin: Japan Website: <a href="http://www.medipro.com.my">www.medipro.com.my</a>
30	 <b>Mediquip Sdn Bhd</b> Padang Lati, Mukim Paya, Jalan Santan, 02450 Beseri, Perlis, Malaysia Tel: 604-938 1411 ext: 222 Fax: 604-938 2150 Country of Origin: USA Website: <a href="http://www.cardinalhealth.com">www.cardinalhealth.com</a>

# MEMBERS' DIRECTORY

Full Member	Company Name & Address
31 	<p><b>Meditop Corporation (M) Sdn Bhd</b>                      Lot 3, Persiaran Usahawan, Taman iks, Seksyen 9, 43650 Bandar Baru Bangi, Selangor.                      Tel: 603-8924 0999 Fax: 603-8925 8660                      Country of Origin: Japan Website: <a href="http://www.top-tokyo.co.jp">www.top-tokyo.co.jp</a></p>
32 	<p><b>Molnlycke Health Care Sdn Bhd</b>                      Lot 9 Lorong Perusahaan 4 Kulim Industrial Estate, 09000 Kulim Kedah, Malaysia.                      Tel: 604- 489 1819 Fax: 604-489 1220                      Country of Origin: Sweden Website: <a href="http://www.molnlycke.com">www.molnlycke.com</a></p>
33 	<p><b>Orthomedic Innovations Sdn Bhd</b>                      188-D, Jalan Sultan Azlan Shah, Sungai Tiram, 11900 Bayan Lepas, Penang, Malaysia                      Tel: 604-644 5139 Fax: 604-6449139                      Country of Origin: Malaysia Website: <a href="http://www.orthomedic.com.my">www.orthomedic.com.my</a></p>
34 	<p><b>Owen Mumford Sdn Bhd</b>                      No. 21, Jalan Bioteknologi 3 Kawasan Perindustrian SiLC Nusajaya, 79200 Johor, Malaysia                      Tel: 607-5539617 Fax: 607-5539617                      Country of Origin: UK Website: <a href="http://www.owenmumford.com/en">www.owenmumford.com/en</a></p>
35 	<p><b>Paramit Malaysia Sdn Bhd</b>                      PMT 1199, Penang Science Park, Lorong Perindustrian Bukit Minyak 21, 14100 Simpang Ampat Seberang Perai Tengah, Penang, Malaysia                      Tel: 604-540 7155 Fax: 2604-540 7111                      Country of Origin: USA Website: <a href="http://www.paramit.com">www.paramit.com</a></p>
36 	<p><b>PENTAX Medical (Penang) Sdn Bhd</b>                      Plot 12 &amp; 13, Fasa 4 Hilir Sungai Keluang 3 Bayan Lepas, 11900 Penang, Malaysia                      Tel: 604-6379800                      Country of Origin: Japan Website: <a href="http://www.pentaxmedical.com">www.pentaxmedical.com</a></p>
37 	<p><b>Prent Malaysia Sdn Bhd</b>                      PTD102587, Jalan Cyber 14, Senai Ind Park IV, 81400 Senai, Johor, Malaysia                      Tel: 607-599 7661 Fax: 607-599 7660                      Country of Origin: USA Website: <a href="http://www.prent.com.my">www.prent.com.my</a></p>
38 	<p><b>Sanmina-SCI Systems (Malaysia) Sdn Bhd</b>                      Plot 202, Lorong Perusahaan Maju 9 Bukit Tengah Industrial Estate 13600 Perai, Penang, Malaysia                      Tel: 604-508 1228 Fax: 604-508 1233                      Country of Origin: USA Website: <a href="http://www.sanmina.com">www.sanmina.com</a></p>
39 	<p><b>Sin Yong Guan Industries Sdn Bhd</b>                      8 Solok Rishah 2, Kwsn Perindustrian Silibin 30100 Ipoh, Perak, Malaysia                      Tel: 605-526 7231 Fax: 605-526 8491                      Country of Origin: Malaysia Website: <a href="http://www.syg53.com">www.syg53.com</a></p>
40 	<p><b>Sina-Sterilgamma Sdn Bhd</b>                      1-1 Jalan Bandar Rawang, 11 Pusat Bandar Rawang, 48000 Selangor, Malaysia                      Tel: 603-60912055 Fax: 603-60936872                      Country of Origin: Malaysia Website: <a href="http://www.sinasterilgamma.com">www.sinasterilgamma.com</a></p>

# MEMBERS' DIRECTORY

Full Member	Company Name & Address
41 	<b>Smith &amp; Nephew Operations Sdn Bhd</b> Plot P332, Persiaran Cassia Selatan 8, Taman Perindustrian Batu Kawan, Mukim 13, 14100 Penang, Malaysia Tel: 604-202 3111 Fax: 604-202 3111 Country of Origin: UK Website: <a href="http://www.smith-nephew.com">www.smith-nephew.com</a>
42 	<b>SteriPack Contract Manufacturing</b> PT119992, Jalan Canang Emas 8 Telok Gong, 42000 Klang, Selangor, Malaysia Tel : 603-3167 3596 Fax: 603-3167 3597 Country of Origin: Ireland Website: <a href="http://www.steripackgroup.com">www.steripackgroup.com</a>
43 	<b>Straits Orthopaedics (Mfg) Sdn Bhd</b> 483, Tingkat Perusahaan 4A Prai Free Industrial Zone 13600 Prai, Penang, Malaysia Tel: 604-383 1885 Fax: 604-383 8178 Country of Origin: Malaysia Website: <a href="http://www.straitsortho.com.my">www.straitsortho.com.my</a>
44 	<b>STERIS (Synergy Sterilisation (M) Sdn Bhd)</b> Plot 203 Kuala Ketil Industrial Estate, 09300 Kuala Ketil, Kedah, Malaysia Tel: 604-415 2111 Fax: 604-415 2121 Country of Origin: USA Website: <a href="http://www.steris-ast.com">www.steris-ast.com</a>
45 	<b>Tecomet (Symmetry Medical Malaysia Sdn Bhd)</b> Plot 80C, Kawasan Perusahaan Bayan Lepas, 11900 Bayan Lepas, Penang, Malaysia Tel: 604-645 6802 Fax: 604-6445805 Country of Origin: USA Website: <a href="http://www.tecomet.com">www.tecomet.com</a>
46 	<b>Teleflex Medical Sdn Bhd</b> Lot No PT2577, Jalan Perusahaan 4 Kamunting, 34600 Kamunting, Perak, Malaysia Tel: 605-891 5111 Fax: 605-891 2699 Country of Origin: USA Website: <a href="http://www.teleflexmedical.com">www.teleflexmedical.com</a>
47 	<b>Texchem Life Sciences Sdn Bhd</b> Lot 3, Jalan P/6 Kawasan Perindustrian Bangi, No. 2, Bandar Baru Bangi 43650, Selangor, Malaysia Tel: 603-8925 0370 Fax: 603-8925 0317 Country of Origin: Japan Website: <a href="http://www.texchem-pack.com">www.texchem-pack.com</a>
48 	<b>Tomoe Malaysia Sdn Bhd</b> Lot 13, Jalan Kulim Hi-Tech 13 Kulim Hi-Tech Park Phase 3 Kulim, Kedah 09000, Malaysia Tel: 604-492 4101 Fax: 604-492 4202 Country of Origin: Japan Website: <a href="http://www.tomoeshokai.co.jp">www.tomoeshokai.co.jp</a>
49 	<b>Top Glove Sdn Bhd</b> Lot 4968, Bt 6 Jalan Teratai, Off Jalan Meru 41050 Klang, Selangor, Malaysia. Tel: 603-3392 1992/1905 Fax: 603-3392 1291/8410 Country of Origin: Malaysia Website: <a href="http://www.topglove.com">www.topglove.com</a>
50 	<b>UWHM Sdn Bhd</b> PMT 790, Jalan Cassia Selatan 5/2, Taman Perindustrian Batu Kawan, Bandar Cassia, 14110 Penang, Malaysia Tel: 604-585 5229 Fax: 604-589 9677 Country of Origin: Malaysia Website: <a href="http://www.uw-healthcare.com">www.uw-healthcare.com</a>

# MEMBERS' DIRECTORY

Full Member		Company Name & Address
51		<b>V3 Bio Sdn Bhd</b> No 18, Jalan Cassia Selatan 3/1, Taman Perindustrian Batu Kawan Bandar Cassia, 14100 Penang, Malaysia Tel: 604-588 6993 Fax: 604-588 6993 Country of Origin: Malaysia Website: www.v3bio.com
52		<b>Worldwide Medivest Sdn Bhd</b> No. 2, Jalan Karyawan 4/KU7 Lorong Sg Puloh, Taman Kapar Bestari Kapar 42200, Selangor, Malaysia Tel: 603-3291 2625 Fax: 603-3291 2725 Country of Origin: Malaysia Website: www.wmsb.com.my
53		<b>Zeito Plastic Components Sdn Bhd</b> Lot 19-6, Bersatu Industrial Complex, Jalan CJ1/1, Cheras Jaya 43200 Cheras Selangor Darul Ehsan, Malaysia Tel: 603-9074 9177 Fax: 603-9074 9096 Country of Origin: Malaysia
Associate Member		Company Name & Address
1		<b>3M Malaysia Sdn Bhd</b> Level 8, Block F, Oasis Square, No.2, Jalan PJU1A/7A, Ara Damansara, 47301 Petaling Jaya, Selangor, Malaysia Tel: 603-7884 2888 Fax: 603-7884 2902 Country of Origin: USA Website: www.3M.com
2		<b>Alcon Laboratories (M) Sdn Bhd</b> Level 20-1, Tower B, Plaza 33 No.1, Jalan Kemajuan, Seksyen 13 Petaling Jaya Selangor 46200, Malaysia Tel: 603-7948 1888 Fax: 603-7948 1888 Country of Origin: Switzerland Website: www.alcon.com
3		<b>Alliance Contract Manufacturing Sdn Bhd</b> 2006, Jln Jelawat Seberang Jaya Industry Estate Prai, 13700 Penang, Malaysia Tel: 604-291 2888 Fax: 604-291 2999 Country of Origin: Malaysia Website: www.acm-holdings.com
4		<b>ADT Biotech Sdn Bhd</b> 307, Block B, Phileo Damansara 1, , 9 Jalan 16/11, Petaling Jaya, Selangor, 46350, Malaysia Tel: 603-7931 6760 Country of Origin: Malaysia Website: www.adt-biotech.com
5		<b>Baxter Healthcare Sdn Bhd</b> B-21-3A, Level 21, The Ascent, Paradigm, No.1, Jalan SS7/26A, Kelana Jaya, 47301 Petaling Jaya, Selangor, Malaysia. Tel: 603-7611 6899 Fax: 603-7611 6800 Country of Origin: USA Website: www.baxter.com.my
6		<b>Becton Dickinson Sdn Bhd</b> Unit 24, LG 5 (Executive Wing) Hotel Equatorial Penang, 1 Jalan Bukit Jambul 11900 Bayan Lepas, Penang, Malaysia Tel: 604-640 5688 Fax: 604-640 5686 Country of Origin: USA Website: www.bd.com/en-my






# MEMBERS' DIRECTORY

Associate Member	Company Name & Address
7	 <p><b>Biocon Sdn Bhd</b> No.1 Jalan Bioteknologi 1 Kawasan Perindustrian SILC 15 Bandar Puteri Johor, 79200, Malaysia Tel: 607-560 0000 Fax: 607-560 0098 Country of Origin: India Website: www.biocon.com</p>
8	 <p><b>CCB Medical Devices Sdn Bhd</b> PMT 1124, Jalan Perindustrian Bukit Minyak 8 Taman Perindustrian Bukit Minyak Simpang Ampat, 14100 Penang, Malaysia Tel : 604-504 0198 Fax 604-504 0908 Country of Origin: Germany Website: www.ccb-medical.com</p>
9	 <p><b>Dexcom Malaysia Sdn Bhd</b> PMT775, Persiaran Cassia Selatan 4, Simpang Ampat 14100, Penang, Malaysia Tel: 604-563 1700 Country of Origin: USA Website: www.dexcom.com</p>
10	 <p><b>Gem Impression Sdn Bhd</b> 9&amp;11 Lorong Serunai 2 Sungai Bakap, 14200 Penang, Malaysia Tel: 604-583 3688 Country of Origin: Malaysia Website: www.gem-i.net</p>
11	 <p><b>Greatech Integration (M) Sdn Bhd</b> PLOT 287(A), 287(B) &amp; 287(C) Lengkok Kampung Jawa Satu, Phase 3 Bayan Lepas Free Industrial Zone, 11900 Penang, Malaysia Telephone: 604-6463260 Fax: 604-6463261 Country of Origin: Malaysia Website: www.greatech-group.com</p>
12	 <p><b>Integrated Plastic Kogyo (M) Sdn Bhd</b> 12, Jalan Teras 1, Taman Industri Teras Balakong 43300 Selangor, Malaysia Tel: 603-8961 6880 Fax : 603-8961 9880 Country of Origin: Malaysia Website: www.ipk.com.my</p>
13	 <p><b>Isofield Sdn Bhd</b> No. 6 Jalan Gudang 16/9, Seksyen 16, Shah Alam, 40200 Selangor, Malaysia Tel: 6012-305 6895 Country of Origin: Ireland Website: www.isofield.com</p>
14	 <p><b>JLL Malaysia Sdn Bhd</b> PMT 1224 Jalan PSPN3, Penang Science Park North, Simpang Ampat, 14100 Penang, Malaysia Tel: 604-518 7777 Country of Origin: Japan Website: www.japanlifeline.com</p>
15	 <p><b>KOBAYASHI Healthcare (Malaysia) Sdn Bhd</b> 50-2-2A, Level 2, Wisma UOA Damansara, 50, Jalan Dungun, Damansara Heights Kuala Lumpur 50490, Malaysia Tel: 603-2011 7702 Fax: 603-2011 7701 Country of Origin: Japan Website: www.kobayashi-my.com</p>
16	 <p><b>Medtronic Malaysia Sdn Bhd</b> B-23-1, The Ascent, Paradigm, No 1 Jalan SS7/26A, Kelana Jaya 47301, Petaling Jaya, Selangor, Malaysia Tel: 603-78838000 Fax: 603- 78860474/4702 Country of Origin: USA Website: www.medtronic.com</p>

# MEMBERS' DIRECTORY

Associate Member	Company Name & Address
17	 <p><b>Mehow Medical (M) Sdn Bhd</b> 1056 Jalan Perindustrian Bukit Minyak 8, Kawasan Perindustrian Bukit Minyak, 14100 Simpang Ampat, Penang, Malaysia Tel: 604-507 9116 Fax: 604-508 9116 Country of Origin: China Website: <a href="http://www.mehow.com">www.mehow.com</a></p>
18	 <p><b>Multivac Sdn Bhd</b> Lot 10-E, Pusat Teknologi Sunsuria,, Jalan Teknologi, Taman Sains Selangor, Kota Damansara, 47810 Petaling Jaya, Selangor, Malaysia Tel: 603-6151 9885/603-6151 1885 Fax:603-6143 6885 Country of Origin: Germany Website: <a href="http://www.multivac.com">www.multivac.com</a></p>
19	 <p><b>Nagoya Plastic Industry Sdn Bhd</b> Lot 89, 90, 91, 1249, Jalan Aman 2, Kawasan Perusahaan Taman Makmur, Sungai Seluang Lunas Kedah 09600, Malaysia Tel: 604-484 8434 Fax: 604-48446 1725 Country of Origin: Malaysia Website: <a href="http://www.nagoyaplastic.com">www.nagoyaplastic.com</a></p>
20	 <p><b>Nihon Kohden Malaysia Sdn Bhd</b> Suite 15-13,Level 15, Gtower, 199 Jalan Tun Razak, 50400 Kuala Lumpur, Malaysia Tel: 603-2161 0100 Fax: 603-2161 2520 Country of Origin: Japan Website: <a href="http://www.nihonkohden.com">www.nihonkohden.com</a></p>
21	 <p><b>Plastic STC Sdn Bhd</b> No 7 Jalan TSB 9 Taman Industri Sg Buloh, 47000 Sungai Buloh, Selangor, Malaysia Tel: 603-6157 5313 Fax: 603-6157 5318 Country of Origin: Malaysia Website: <a href="http://www.hlhightech.com">www.hlhightech.com</a></p>
22	 <p><b>PMA Manufacturing Sdn Bhd</b> No. 11, Lintang Beringin 2, Diamond Valley, 11960 Georgetown Penang, Malaysia. Tel: 604- 626 1518 Fax: 604- 626 5253 Country of Origin: Malaysia Website: <a href="http://www.pmaasia.com">www.pmaasia.com</a></p>
23	 <p><b>Polyplas Sdn Bhd</b> No 2056, Mukim 14, Lorong IKS Bukit Minyak 5, Taman IKS Bukit Minyak, 14000 Bukit Mertajam, Penang, Malaysia Tel: 604-507 0188 Fax: 604-507 8188 Country of Origin: Malaysia Website: <a href="http://www.polyplassb.com">www.polyplassb.com</a></p>
24	 <p><b>Prodelcon Sdn Bhd</b> 78 Lintang Bayan Lepas 7, Phase IV Bayan Lepas 11900 Penang, Malaysia Tel: 604-643 8913 Fax: 604-643 8914 Country of Origin: Malaysia Website: <a href="http://www.psb.com.my">www.psb.com.my</a></p>
25	 <p><b>Professional Tools &amp; Dies Sdn Bhd</b> 7118, Jalan Mak Mandin Kawasan Perindustrian Mak Mandin, 13400 Butterworth Penang, Malaysia Tel: 604-332 2335 Fax: 604-331 2337 Country of Origin: Malaysia Website: <a href="http://www.professional-tools.com">www.professional-tools.com</a></p>
26	 <p><b>Sanichem Resources Sdn Bhd</b> No. 7 &amp; 7A, Jalan Timur 6/1A, MERCATO@ENSTEK, Bandar Baru Enstek, 71760 Negeri Sembilan, Malaysia Tel: 606-794 7606 Fax: 606-794 7607 Country of Origin: Malaysia Website: <a href="http://www.sanichem.my">www.sanichem.my</a></p>

# MEMBERS' DIRECTORY

Associate Member	Company Name & Address
27	 <p><b>Silcotech Industry Sdn Bhd</b> No. A 153, Jalan 3, Kawasan Perusahaan MIEL, Sungai Lalang Phase V Sungai Petani, 08000 Kedah, Malaysia Tel: 604-441 9928 Fax: 604-442 9928 Country of Origin: Malaysia Website: <a href="http://www.silcotechindustry.com">www.silcotechindustry.com</a></p>
28	 <p><b>Sontara South Asia Sdn Bhd</b> Level 15-1, 1 First Avenue 2A, Dataran Bandar Utama Damansara, 47800 Petaling Jaya, Selangor, Malaysia Tel: 603-7651 7396 Fax: 603-7651 7701 Country of Origin: USA Website: <a href="http://www.sontara.com">www.sontara.com</a></p>
29	 <p><b>Tako Astatic Technology Sdn Bhd</b> 15 Jalan Kesuma 2/2, Bandar Tasik Kesuma, Beranang, 43700 Selangor, Malaysia Tel: 603-87238843 Fax: 603-87238844 Country of Origin: Malaysia Website: <a href="http://www.tako.com.my">www.tako.com.my</a></p>
30	 <p><b>Tip Corporation Sdn Bhd</b> Lot 2288, Jalan P4/8, Bandar Teknologi Kajang Semenyih, 43500 Selangor, Malaysia Tel: 603-8723 7889 Fax: 603-8727 1889 Country of Origin: Malaysia Website: <a href="http://www.tipcorp.com">www.tipcorp.com</a></p>
31	 <p><b>varian Medical Systems (M) Sdn Bhd</b> Suite B-15-5, Wisma Pantai, Plaza Pantai No. 5, Jalan 4/83A, Off Jalan Pantai Baru, 59200 Kuala Lumpur, Malaysia Tel: 603-2296 7600 Fax: 603-2296 7601 Country of Origin: USA Website: <a href="http://www.varian.com">www.varian.com</a></p>





### Medtech Malaysia

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14110 Bandar Cassia, Pulau Pinang.

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