



臺灣精準健康產業的現況與展望



錢宗良

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20251122NTUPH.pdf

Professor, College of Medicine, National Taiwan University
CEO, Institute for Biotechnology and Medicine Industry

上課大綱

1. 精準健康與精準醫學
2. 臺灣精準健康產業：資通訊＋生醫產業
3. 國際行銷臺灣健康產業：生策會的任務

精準醫學與精準健康： 誰是未來大健康產業的藍海？



Precision Medicine 精準醫學

精準診斷: NGS 基因定序、液體活檢、AI 輔助診療、POC 檢測、數位影像設備等

精準治療: 標靶藥物、細胞治療、免疫治療、粒子治療、手術機器人等

醫療照護: 智慧醫院、智慧病房、智慧照護等

Precision Health 精準健康

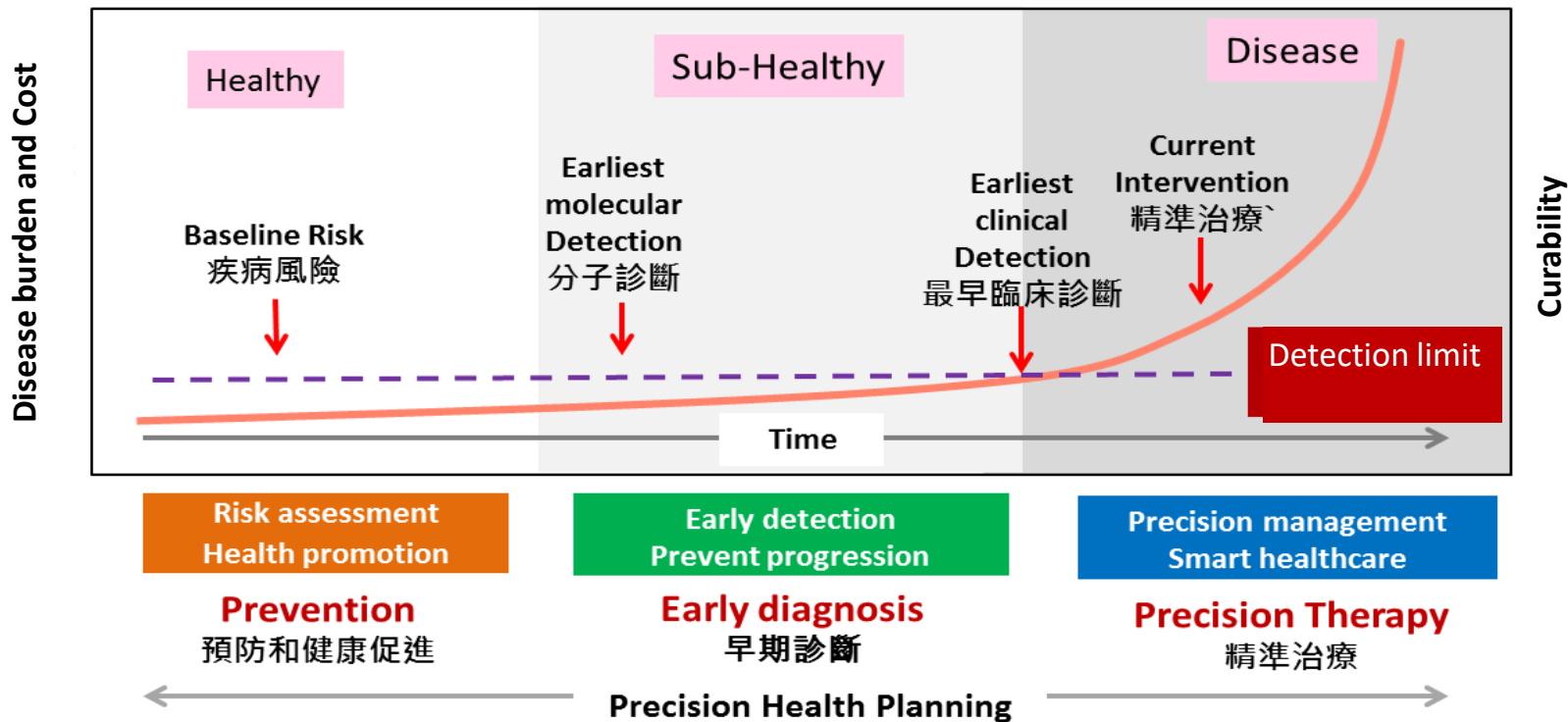
風險評估: 風險基因、行為模式、家族病史

精準篩檢: 精準個人化健檢、AI 輔助早期檢測、居家篩檢、智慧遠距諮詢等

健康促進: 生活習慣、環境調適、個人化飲食、營養和運動、腸道菌相、居家及穿戴式健康管理裝置等

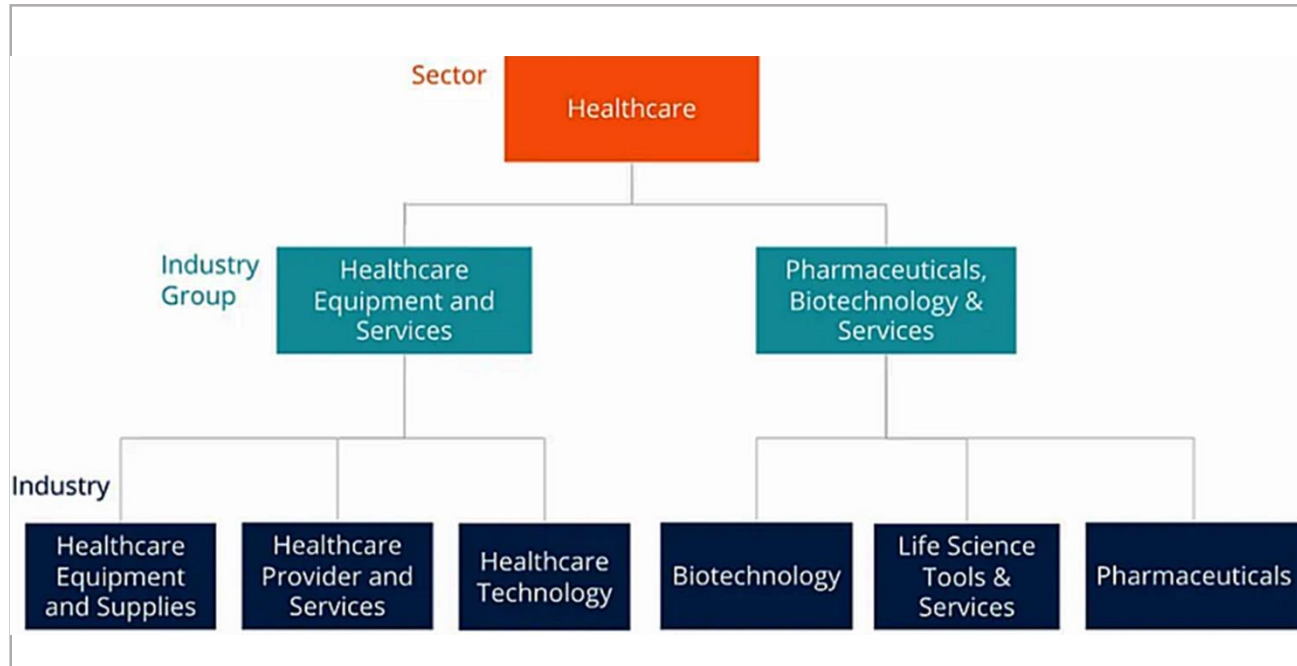
Healthcare from disease treatment to prevention

- Healthcare nowadays provides individuals with products and services ranging from prevention, health promotion, diagnosis to treatment.



Healthcare sector by GICS definition

- ❑ The healthcare sector includes the following subsections, as per Global Industry Classification Standard (GICS)



Global Markets:

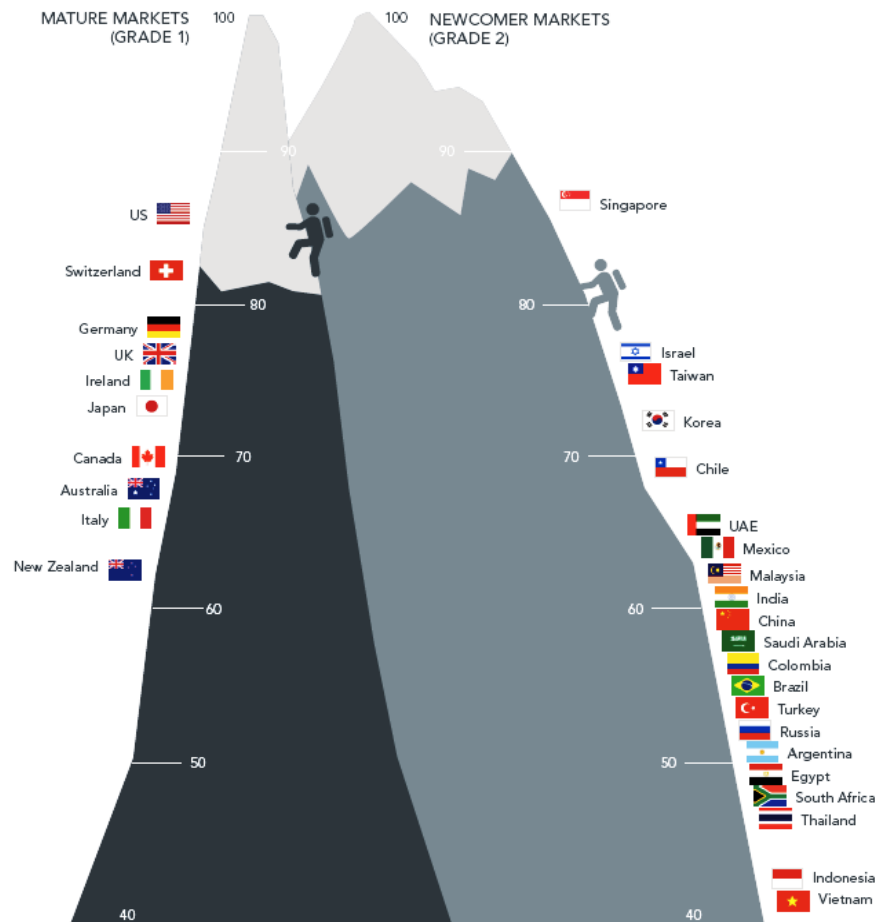
- International Healthcare
- Bio-pharmaceutical
- Medical device
- Regenerative medicine
- Smart health
- Precision medicine
- Sports medicine

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Taiwan Core Competences

- Taiwan ranks 3rd in the newcomer markets
- World-class quality of medicine and talent
- The best healthcare system and big data
- High quality clinical trials and R&D capacity
- Well-established research infrastructure
- ICT supply chain, talent and manufacturing
- AI and 5G R&D in national level



Source compiled by IBMI, RBMP (2021)

Key drivers of Taiwan's healthcare industry

Advanced Medical Care

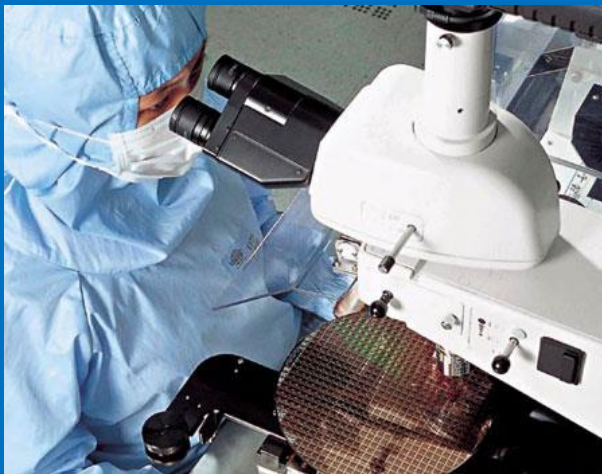


High Quality R&D and MFG



Strong ICT and Elec. Tech.





ICT



Hospital



Smart Hospital

Healthcare IoT
Platform

Health AI

Medical &
Wearable Devices

Hospital
Equipment

Cross-industry cooperation at a glance



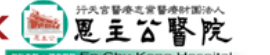
- 1) AI medical platform
- 2) Telemedicine / remote care
- 3) AI-assisted arrhythmia diagnosis
- 4) AIoT device/equipment



- 1) Genome database for Chinese
- 2) Medical wearables
- 3) Epidemic management products
- 4) Proton therapy / 8K medical imaging



- 1) Innovative devices / AI diagnostics
- 2) Health & chronic disease management
- 3) Medical imaging for animals
- 4) Cell therapy / AIoT solutions



- 1) Miniaturization of medical equipment
- 2) Exoskeleton / assistive devices
- 3) AI dialysis / medical AI imaging
- 4) Digital pathology / health management



- 1) Telehealth / IoT products
- 2) Auto detection of CTC
- 3) Data integration of sports health
- 4) AI-assisted detection of disease

Taiwan's ICT Sector in Healthcare

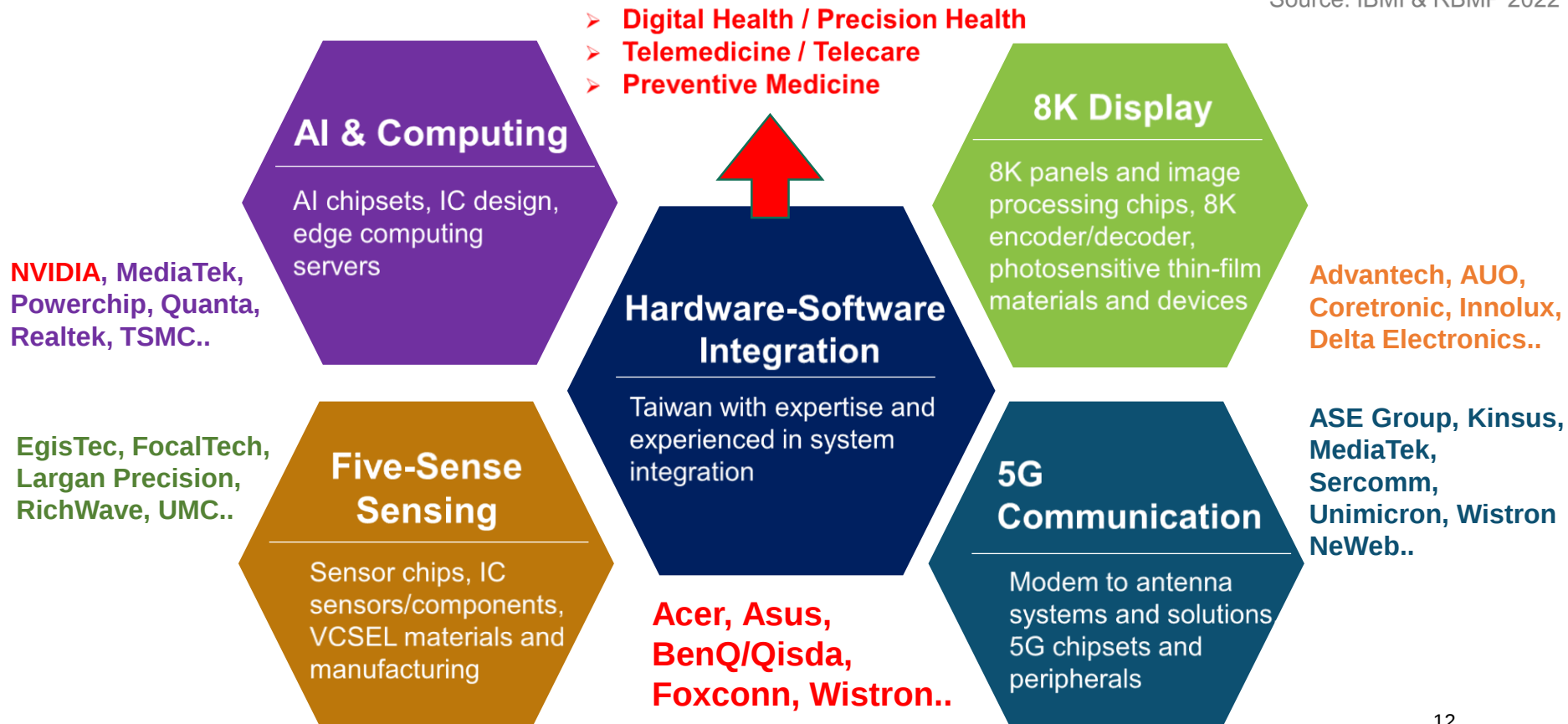
Precision Healthcare Industry

	Mobile health	Medical equipment	Smart hospital	Gene/cell therapy	Biomedicine	
Companies						
Product pipelines	■ Tele-healthcare ■ IoT solutions ■ Wearables ■ Health management	■ X ray/ultrasound ■ Micro CT ■ Surgical robots ■ Capsule endoscopy ■ Hemodialyzer ■ Pathology/AI Image ■ Vital sign monitor	■ Smart ward/operating room ■ Surgical VR ■ AI solution ■ HMS ■ EMR / EHR ■ Medical display	■ DNA sequencer ■ DNA microarray ■ Protein & genetic testing ■ CTC system ■ Cellular therapy	■ AI chip ■ Biochip for gene sequencing ■ RF & Wireless chip ■ Biosensor ■ Display component ■ Organic semiconductor	
Areas of application						

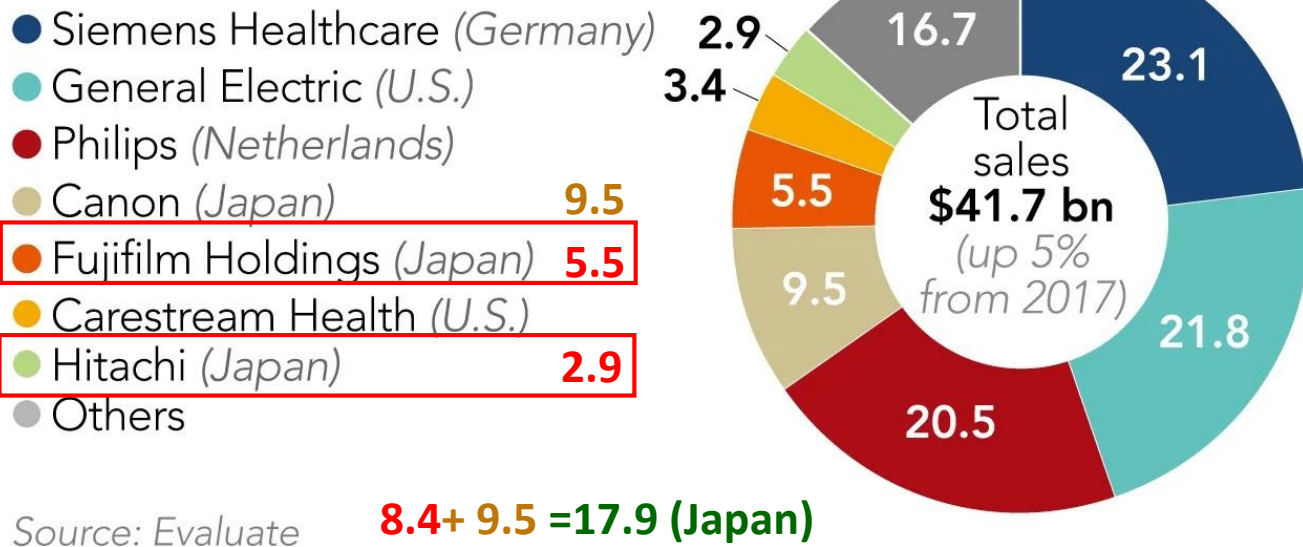
Taiwan Industry Overview

Market Players and Focus Areas

Source: IBMI & RBMP 2022

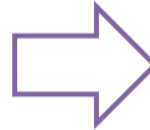
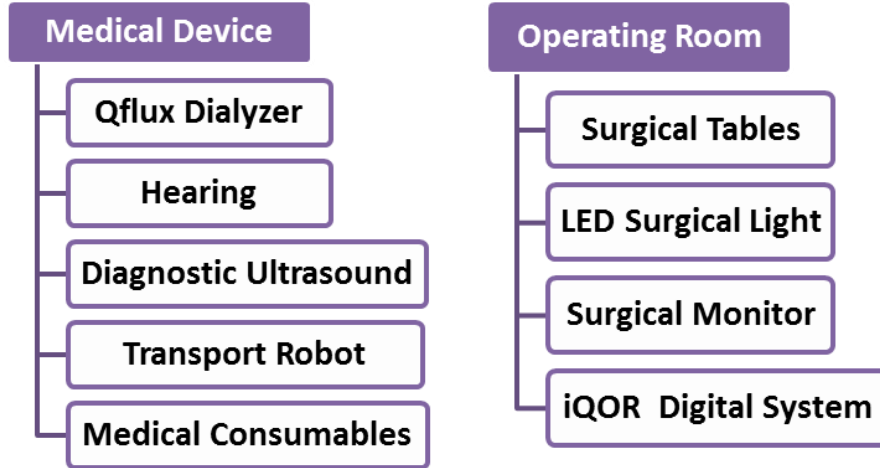


Diagnostic imaging equipment global market share by sales (2018, in percent)



2月18日，富士表示：「兩家企業合併後，會將各自影像處理和人工智慧軟體和日立超音波、MRI 結合，**打包販售給醫療機構。**」 **To provide the total solution!**

Featured Products



Solutions

Smart Operation Room



ODM / OEM of
Medical Device

Other Smart Healthcare Solutions

Fitness System



Smart Wearables

Smart Ward

Health Management System

Long-Term Care Monitoring Solution

Taiwan leading hospitals are expanding their productivity from building smart hospital...



彰化基督教醫院

CHANGHUA CHRISTIAN HOSPITAL



員林基督教醫院

Yuanlin Christian Hospital



U.S. Green Building Council
LEED Gold Level Certification on
Dec, 2015



ICT Players launch
products and solutions:

- ◆ Smart Nurse Station
- ◆ Smart Ward
- ◆ Smart Clinic
- ◆ Smart Counter
- ◆ Smart Dialysis
- ◆ Smart Operation Room
- ◆ Multimedia interaction
- ◆ Accompany robot
- ◆ Logistics Management



Smart Ward: Beside Infotainment System

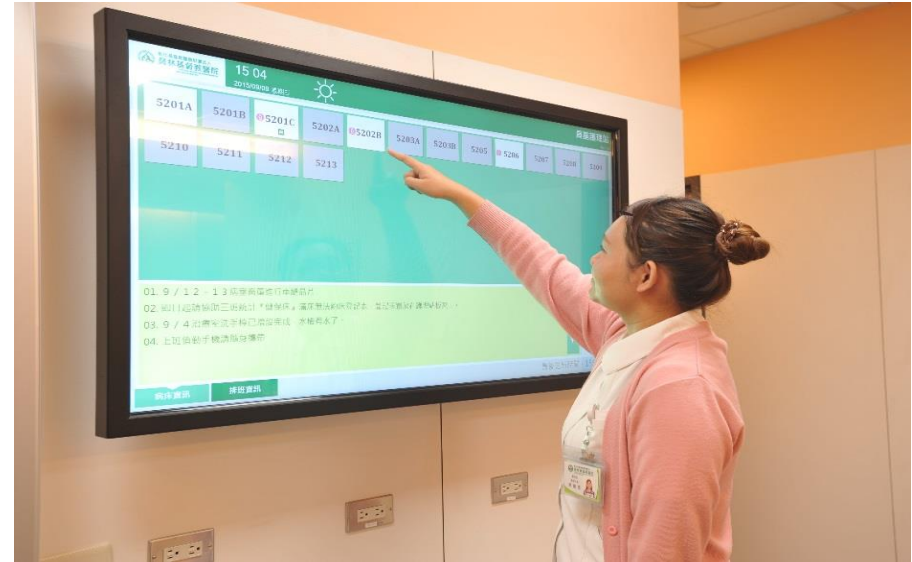
- ◆ Interactive environment
- ◆ Disclosure real-time information
- ◆ Treatment schedule



Smart Nurse Station: Nursing Dashboard

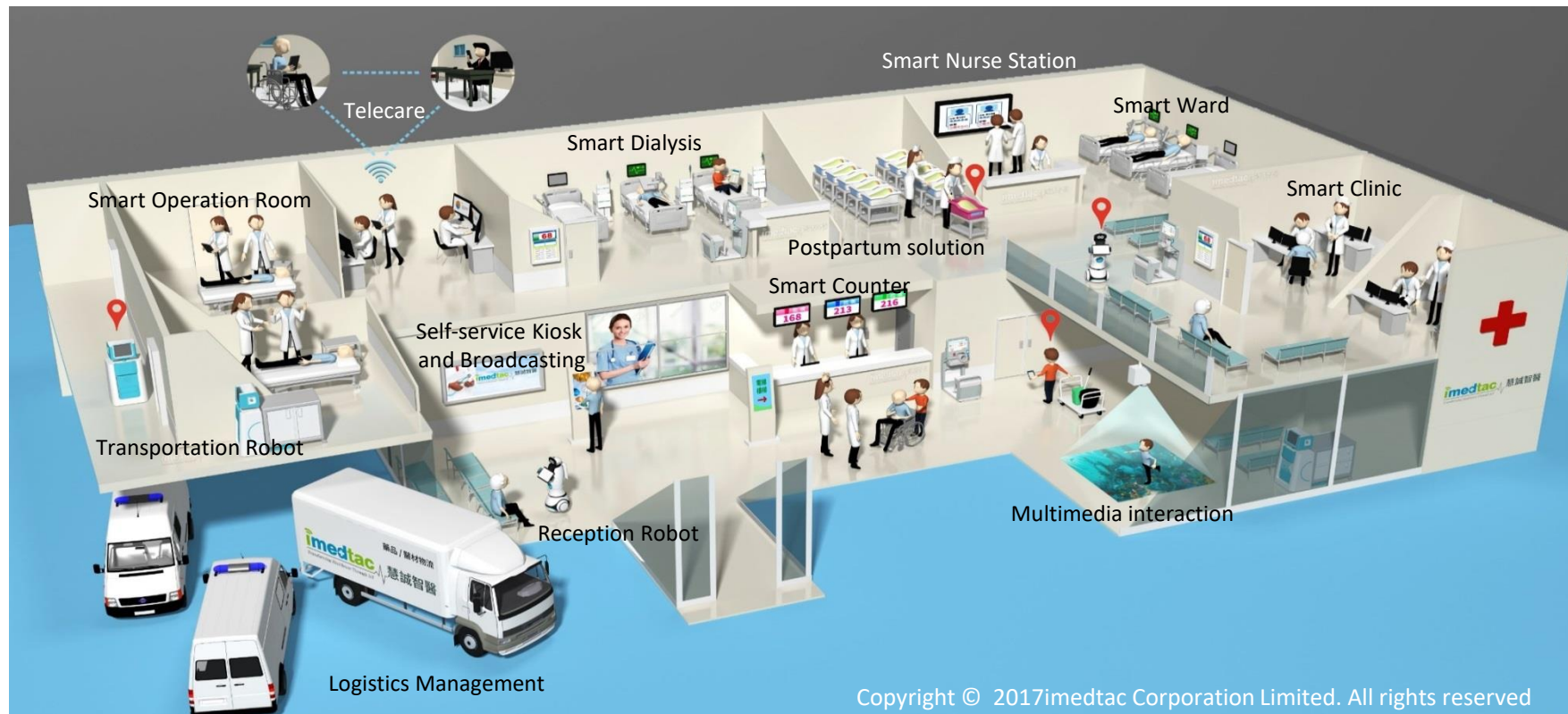
Improvement Nurse Care Quality and Work Flow

1. No paper works
2. Real time nursing shifting
3. Real time patient information (location, activity, schedule)
4. Pre-alarm system



Integrated Solutions in Smart Hospital

Modularize IoT for Hospital and Healthcare Application by **imedtac** 慧誠智醫



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社團法人國家生技醫療產業策進會 (IBMI)

Established Year: 2002

• **Board of Members:** Government Officials/ Leaders from Academia and Medical Centers/ Industrialist



Founded by the former president of the Legislative Yuan of Taiwan, Mr Jin-Pyng Wang, IBMI is an independent, not-for-profit organization voicing Taiwan-based health care industry, promoting interdisciplinary collaborations through its global platform, and creating policy dialogues between public and private sectors. On top of that, IBMI is also a trusted awarding and certification body to health care providers and an incubator to health care startups in areas of novel technologies, services and innovations.



Founder
Jin-Pyng Wang

Former president of
the Legislative Yuan,
Taiwan



President
Chi-Huey Wong

Scripps Family
Chair Professor of
the Scripps Research
Institute



Vice President
Barry Lam

Chairman & CEO
Quanta Group



Vice President
Pan-Chyr Yang

Academician of
Academia Sinica



Vice President
Chang-Hai Tsai

Chairman of the
Board of China
Medical University &
Health Care System



Supervisor
Wei-Jao Chen

Professor Emeritus,
Department of
Surgery, National
Taiwan University
College of Medicine



Our Board

The board members consist of leaders from hospitals and R&D institutes, and C-level representatives from electronics, ICT, biotech and pharmaceutical sectors. Currently, IBMI has more than 400 members from across industries relating to health care.

Healthcare

Chang Gung Memorial Hospital
Changhua Christian Hospital
China Medical University Hospital
College of Medicine National Taiwan University
Hualien Tzu Chi Hospital
Kaohsiung Medical University Hospital
MacKay Memorial Hospital
National Cheng Kung University Hospital
National Defense Medical Center
Shin Kong Wu Ho-Su Memorial Hospital
Show Chwan Memorial Hospital
Taichung Veterans General Hospital
Taipei Medical University
Taipei Medical University-Shuang Ho Hospital
Ten-Chen Medical Group
Tri-Service General Hospital
Wei Gong Memorial Hospital



台新金控
Taishin Holdings



富邦金控
Fubon Financial



國泰金控
Cathay Financial Holdings



Electronic & ICT

Advantech Co., Ltd.
Catcher Technology Co., Ltd.
Foxconn health technology business group
iKala Interactive Media Inc.
Pegatron Corp.
Powerchip Semiconductor Manufacturing Corp.
Qisda Corp. (BenQ)
Realtek Semiconductor Corp.
Topco Group
Wistron Corp.

FOXCONN

ADVANTECH

BENQ

REALTEK
瑞昱半導體股份有限公司

CATCHER
smart process

WISTRON

PEGATRON
和碩聯合科技

TSC
聯勝科技

PSC
力晶半導體
Powerchip Semiconductor Corp.

iKala



Research & development

Development Center of Biotechnology
Industrial Technology Research Institute
KPMG in Taiwan
National Health Research Institutes



400
Core Members

Bio-Pharmaceutical

Bora Pharmaceuticals Ltd.
Maywufa Biopharma Group
Missioncare Medicine Co. Ltd.
St.Shine Optical Co., Ltd.
CHC Healthcare Group
Orient Pharma Co., Ltd.



Integrate resources and promote the biomedical and healthcare industry

Policy Think Tank

- Act for the Development of Biotech and New Pharmaceuticals Industry.
- Cross-Strait Cooperation Agreement on Medicine and Public Health Affairs.
- Amendment of the Fundamental Science and Technology Act.
- The Human Biological Database Management Act
- Pharmaceutical Affairs Law and Medical Care Act
- 33 biomedical policies

Partnership & Collaboration

- Healthcare + Expo Taiwan
- Taiwan Healthcare + Portal
- MEDTEX Summit Asia
- International Hospital Leadership conference
- Bio Taiwan Highlights



Awards & Certification

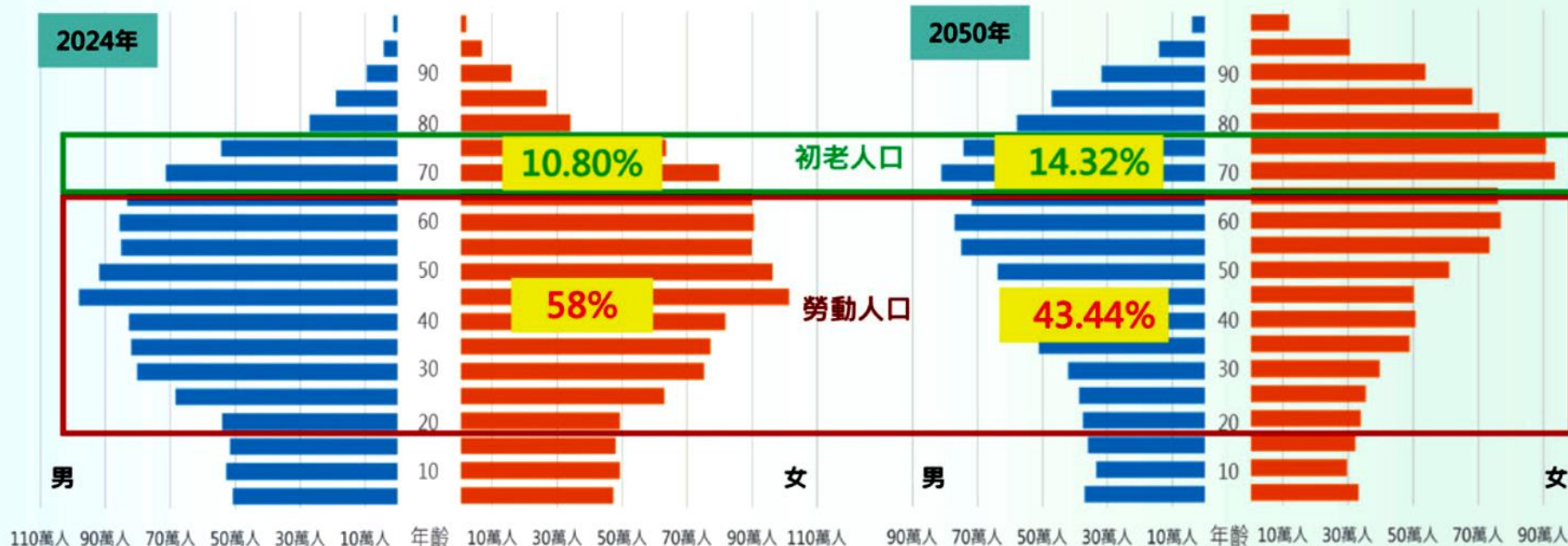
- Symbol of National Quality (SNQ) accreditation & certification
- National Innovation Awards

Startup Incubation

- Allied with 36 Universities & Research Institutes
- Startup Angel investment

臺灣為何需要發展全齡精準健康

- 老人(>65 歲) 是在1880年代德國俾詩麥所提出
- 臺灣 2018邁入高齡社會(>14%), 2025 成超高齡社會(>20%)
- 初老 (young-old, 65-74歲), 中老 (75-84歲), 老老(>85歲)
- 新思維新定義：新老人(>75歲); 從長照到不長照



台灣於2025年以後進入超高齡(Super-Aged)社會，65歲以上人口將超過20%。

高齡健康生醫產業機會 2024 AgeTech Market Map



08.08 (Fri)

08.10 (Sn)

TWTC Hall 1



2025

高齡健康產業博覽會

Healthy Ageing Tech Show

台灣·走向更健康的超高齡社會！

台灣高齡人口比率成長速度位居全球第三，2025 進入超高齡社會！
平均高達 8 年的不健康餘命成為個人、家庭與社會的重大負擔！
台灣亟需扭轉高齡不健康困境！

準備迎接再青春的長壽健康生活！

高齡健康產業博覽會，2025以「再青春」為主題，
透過六大主題與六大精彩活動，從**健康、食衣住行**
育樂、運動、財務安心，到城市規劃與貼心服務。



活動網址

08/08(五)

08/10(日)

台北世貿一館



高齡健康產業博覽會

Healthy Ageing Tech Show

主辦單位：生策會、生策中心、經濟部產業發展署、數位發展部數位產業署、國家衛生研究院

統籌執行：永承生醫股份有限公司

樂享人生・健康長壽不長照

(一) 健康照護區

健康不老是邁向快樂長壽的第一步！

由頂尖醫學中心、各級專科醫院及預防醫學機構展現高齡醫學診斷新技術、疾病預防及智慧照護科技，涵蓋高齡醫學、中醫、牙科、眼科、骨科、復健、睡眠障礙、慢性病管理、美容醫學等，為高齡族群彙整個人化、高品質的健康照護服務，樂享無憂晚年！

(二) 食衣住行育樂區-高齡營養『食』

啟動高齡健康新“食”代！

提供專業研發適合高齡者營養與美味兼具的飲食選擇，主題區匯聚高齡友善飲食、蔬素料理、營養補充保健及健康伴手禮等產業，提供健康與亞健康族群可靠的飲食指標，滿足中高齡者的健康營養需求！

(三) 運動活力區

讓運動持續為健康續航！

一起動起來！運動活力區匯集為高齡設計，維持健康活力的方案，涵蓋健走、健身、登山露營、氣功、超慢跑、瑜珈、體適能等多元運動課程，以及相應的師資、課程、設備與場域及夥伴！激勵高齡快樂動起來，持續保持年輕行動活力。

(四) 財務安心區

財務安心，佈置無憂高齡！

專注服務高齡族群的金融理財需求，提供展示高齡友善金融服務的最佳平台。展區匯集全台指標銀行、信託、壽險，提供資產管理、安養信託、保險規劃、防詐保障及創新金融科技服務，實現財務自由與生活無憂。

(一) 健康照護區

(二) 食衣住行育樂區

1. 高齡營養「食」
2. 風範生活「衣」
3. 友善居家「住」
4. 便利自由「行」
5. 樂齡學習「育」
6. 休閒旅遊「樂」

(三) 運動活力區

(四) 財務安心區

(五) 高齡宜居城市區

(六) 高齡就業徵才區



高齡健康產業博覽會

Healthy Ageing Tech Show

(五) 高齡宜居城市區

高齡宜居，未來城市典範！

高齡化社會來臨，城市面貌也在蛻變！六都、各縣市政府投入，擘劃更加友善的高齡政策與服務推動軟硬體建設升級，串聯地方社區與銀髮產業鏈，激發新經濟動能，從照護、健康到生活體驗，展現未來宜居城市的創新典範！

(六) 高齡就業徵才區

退而不休，高年級再創職場新局！

鼓勵高齡族群將人生經驗與豐富傳承，促進社會進步與跨世代交流。匯聚友善高齡就業的指標企業，提供吸引高齡人才的友善環境，媒合雙方合作機會，促進跨世代職場經驗與交流合作，引導更多高齡人才持續貢獻！

9th Healthcare[®] EXPO · TAIWAN 台灣醫療科技展

主辦單位：



統籌執行：永承生醫股份有限公司

2025/12/04 THU - 12/07 SUN

台北南港展覽館一館 1 F + 4 F

關於展會

台灣醫療科技展是全球首創以醫院為核心的國際展會，自2017年創辦以來持續匯聚台灣結合醫療、資通訊及生技跨領域所研發的創新成果，不僅是台灣第六大國際會展，也是亞太地區最具代表性的醫療展。每年展出吸引超過15萬人次參觀，並匯聚全球3,000位國際專業人士與買家，成為醫療與健康產業鏈接國際市場的重要平台。

九年來，台灣醫療科技展以醫療為引領，推動跨領域電子資通訊、生醫共榮發展。近年隨著AI技術快速演進，健康產業變革進入新階段，台灣作為全球AI供應鏈的重要一環，正積極驅動AI健康醫療與生醫產業的技術突破！2025年展會將繼續以醫療為核心，集結MedTech、BioTech、HealthTech三大領域，展示創新診斷技術、精準疾病早期檢測、尖端治療技術及高效醫療管理系統，推動醫療品質與效能的全面提升，為全球健康做出貢獻。



大會主席
韓國瑜 立法院院長



王金平 生策中心董事長



翁啟惠 生策會會長



蕭美琴 副總統



行政院 卓榮泰院長



郭智輝 經濟部部長



衛生福利部 邱泰源部長



數位發展部 黃彥男部長
衛生福利部 健保署 石崇良署長

展會規劃

□ 展會日期：2025年12月04日(四)至12月07日(日)

□ 展會地點：南港展覽館一館 台北市南港區經貿二路1號

□ 展出規模：2300個展位

□ 展出主題：

4F 專業展

區色醫療

智慧醫療：智慧醫院・醫材設備・數位醫療

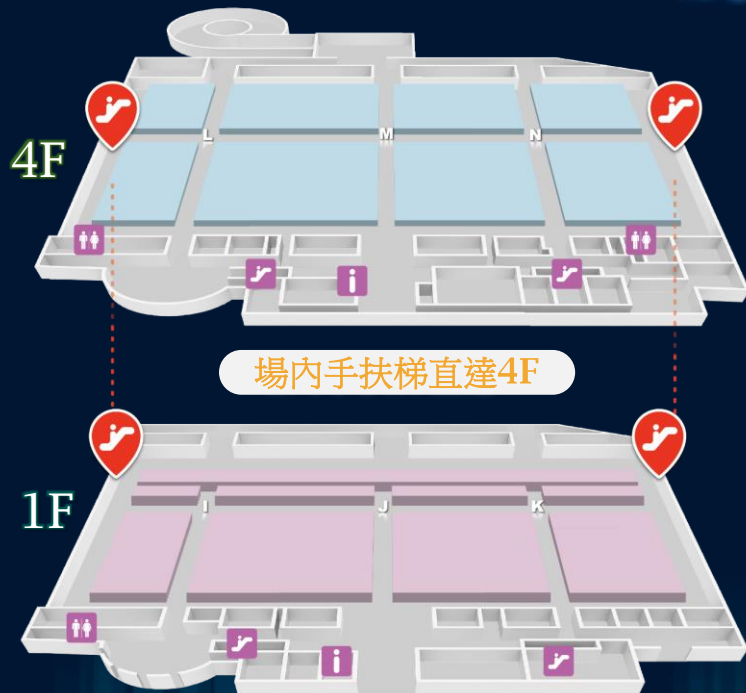
精準醫療：精準檢測・生技製藥・再生醫療

1F 民眾展區

特色醫療

全齡健康：預防醫學・智慧健康・無齡長照

農業生技與食安健康



醫療 院所

集結國內頂尖醫學中心、區域醫院、指標醫學會與專科特色醫療院所，共同呈現前瞻特色醫療技術、臨床創新研發成果、先進療法，以及科技新興應用等，打造海內外示範觀摩學習與推動創新醫療科技落地最佳場域。

- 大林慈濟醫院
- 北醫大體系
- 花蓮慈濟醫院
- 國軍醫療體系
- 新光醫院
- 醫策會
- 中山附醫
- 台北慈濟醫院
- 長庚醫療體系
- 國泰綜合醫院
- 義大醫院
- 中正脊椎骨科
- 成大醫院
- 員榮醫院
- 部立臺北醫院
- 彰基
- 中醫大附醫
- 亞東醫院
- 馬偕紀念醫院
- 童醫院
- 輔大醫院
- 北市聯醫
- 奇美醫院
- 高醫醫療體系
- 陽明交大醫院
- 輔導會體系

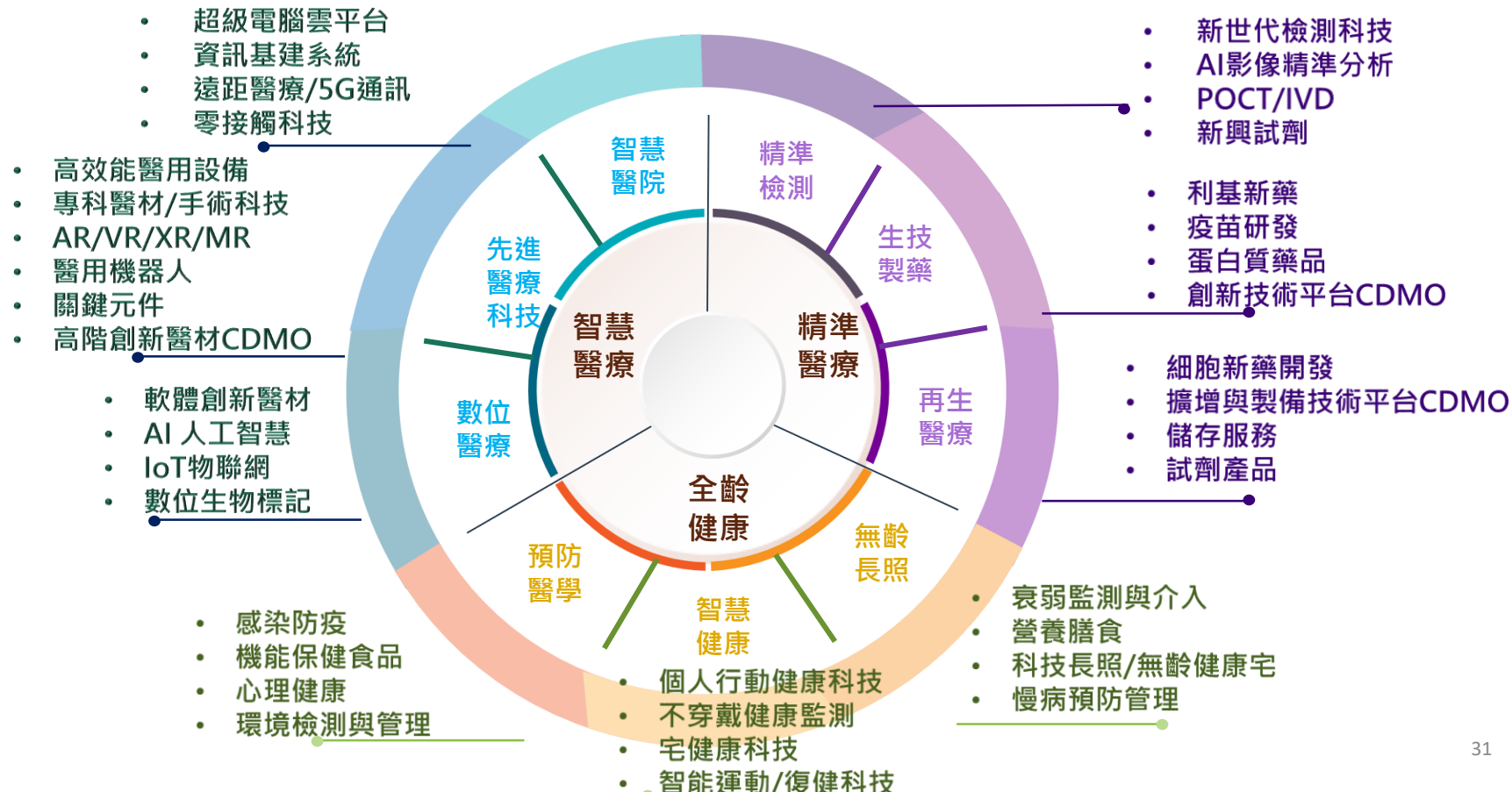
結合精準檢測、生技製藥、再生醫療領域高品質企業，帶動醫界與產業上中下游密切合作，擴大精準大健康平台，從預防、診斷到治療提供最佳的設備及技術應用，引領精準醫療產業發展。

- 上銀科技
- 台灣村田
- 百視美
- 科學園區(新竹/中部/南部)
- 國研院
- 滙嘉健康
- 廣達電腦
- 工研院
- 台灣微軟
- 昌辰鑫生醫
- 英特爾(Intel)
- 得胜
- 睿生光電
- 緯創醫學科技
- 中華電信
- 瓦里安
- 明基佳世達集團
- 恩典科研
- 博鈞科技
- 臺大醫院
- 台達電子
- 生物技術開發
- 直得
- 益張
- 陽明交大
- 蓋德科技
- 台灣共振波
- 宇心生醫
- 金屬中心
- 偉喬生醫
- 新北市生聯
- 遠傳電信

智慧 醫療

學涯培育 職涯規劃

串聯台灣精準大健康產業生態圈 培育智慧醫療、精準醫療、全齡健康人才



Healthcare[®]
EXPO · TAIWAN
台灣醫療科技展

全台最大 健康派對

最好玩的健康體驗。超好買的划算消費！
還有百大名醫現場解惑健康大小事！
一年一度健康盛會 絕對不能錯過！

2025.12.04 ▶ 12.07

南港展覽館一館

12.04(四) 10:00-18:00

12.05(五) 10:00-18:00

12.06(六) 10:00-18:00

12.07(日) 10:00-16:00

搶好康 立即報名

報名查詢

關於派對

觀看平面圖

日

時

分

秒

距離展覽倒數



臨床技能訓練

天分? 聰明?! 200%大膽細心! 挑戰
專科醫師基礎入門技, 試試當醫師的潛力!



健康大檢測

評估健康不能靠感覺?!
專業科技現場檢測 即刻揪出健康威脅!



科技好好玩

透過生動有趣的互動體驗
進入宛如科幻電影般的未來醫療世界!



113-114年度 新南向醫衛資源整合平臺計畫





《主責新南向政策醫衛產業供應鏈工作小組》 醫衛產業合作搭橋



台灣利基醫衛產業鏈

數位醫療

醫材設備

細胞治療

精準檢測

企業



產品

- ✓ 遠距照護系統
- ✓ IoT設備/維修
- ✓ 穿戴式裝置
- ✓ 健康數據監測分析與管理系統

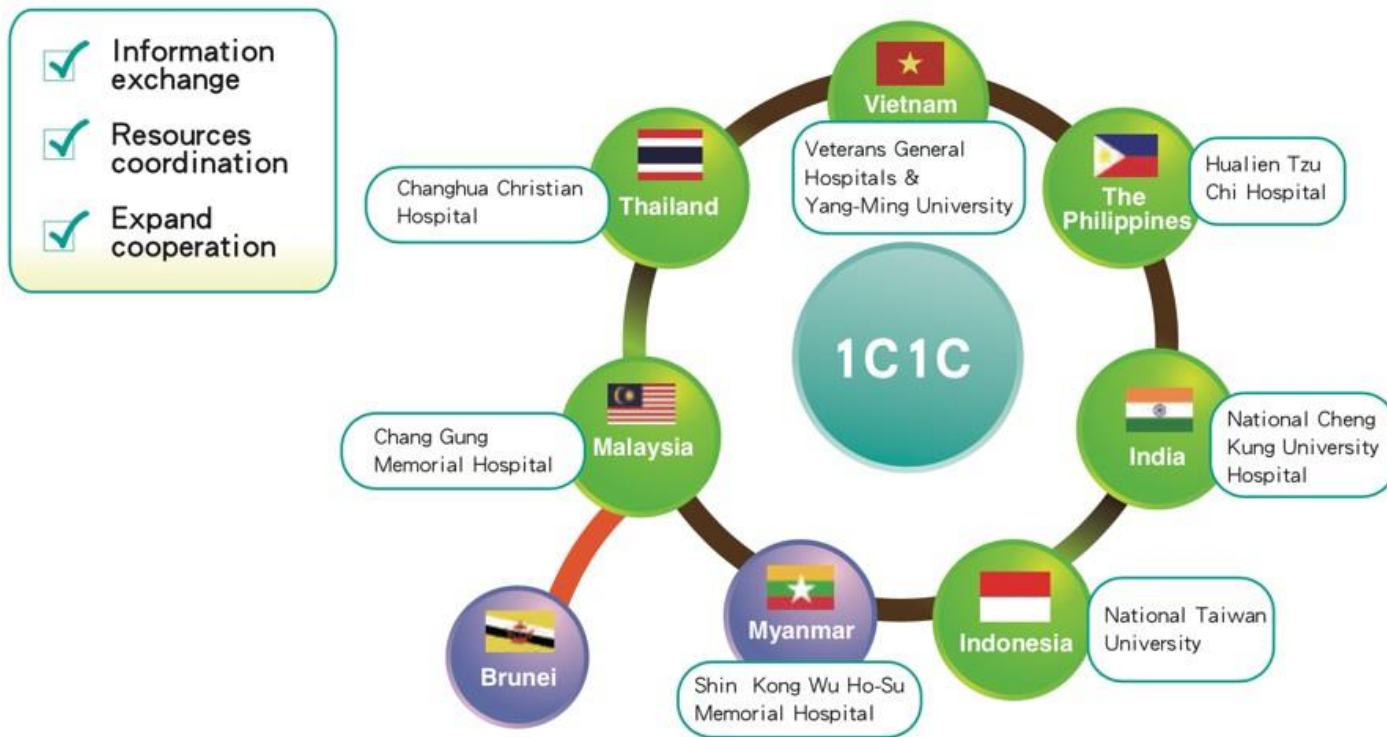
- ✓ 血液透析器
- ✓ 微型電腦斷層
- ✓ X光/超音波
- ✓ 生理監測設備
- ✓ 膠囊內視鏡

- ✓ CTC檢測系統
- ✓ 細胞療法
- ✓ 基因定序及晶片
- ✓ 蛋白質與基因檢測

- ✓ AI晶片
- ✓ 有機半導體元件
- ✓ 影像顯示元件
- ✓ 體徵訊號量測感應器

Taiwan offer Total solutions to assist Asia countries to build smart hospitals or improve hospital management effectiveness.

A key initiative: The 1 County 1 Center (1C1C) Project



► One medical center from Taiwan to serve as the focal point for cooperation with one partner country

衛福部新南辦，推動、強化醫衛合作與產業發展

10國13中心：計畫執行工作績效 - 醫材示範點 -

- **長庚、彰基**：與**金屬中心**合作，於泰國清邁McCormick 醫院建置「**泰國智慧急診－腦出血AI檢測臨床場域示範點**」，打造專精化智慧急診與遠距應用解決方案
- **新光**：於緬甸仰光地區**設置系列醫衛產品示範點**：仰光家醫科學會診所、密支那Aye Thu Kha醫院及曼德勒Mingalar Hospital及KHIT MYAT NOE Renal Specialty Clinic洗腎中心
- **中國醫**：介接**緯創醫學的復健機器人**到汶萊Pantai Jerudong Specialist Centre PJSC醫院、汶萊Jerudong Park Medical Centre (JPMC) 醫院
- **成大**：於印度新德里設置醫學影像存檔與通訊系統 (**PACS**) **示範點**
- **亞東**：與**遠傳電信**前往印尼峇里島UNUD大學附設醫院及Prayangan醫院設置**遠距醫療示範點**
- **部桃**：與**諾亞克**科技股份有限公司合作於Kroch Chhmar District Referral Hospital設立醫衛產品示範點、**「智慧健康小站」**示範點

建置衛福部新南辦，推動、強化醫衛合作與產業發展

臺灣醫療科技展 Hospital Collaboration Networking (2024/12/5; 12/6)

Hospital Collaboration Networking 12/05 16:00-17:30 | Room 402

Advised by: Ministry of Health and Welfare
Organized by: IBMI, RBMP



The Polish Association of Private Hospitals
Andrzej Sokolowski, President



Thailand Private Hospital Association
Paiboon Eksaengsri, President

Guest Speech

The Polish Association of Private Hospitals

Andrzej Sokolowski, President

Thailand Private Hospital Association

Paiboon Eksaengsri, President

The Association of Private Hospitals of Malaysia

Datuk Dr Kuljit Singh, President

Philippine Hospital Association

Jose, Jr. P. Santiago, President

Private Hospitals Association of the Philippines

Jose Rene de Grano, President

Myanmar Private Hospitals' Association

Aye Aye San, President

Networking



The Association of Private Hospitals of Malaysia
Datuk Dr Kuljit Singh, President



Philippine Hospital Association
Jose, Jr. P. Santiago, President



Private Hospitals Association of the Philippines
Jose Rene de Grano, President



Myanmar Private Hospitals' Association
Aye Aye San, President



14:00	Opening Remark	
14:10	Keynote Speech	
14:10	Global Challenges in Healthcare Quality	<u>Keynote Speaker</u>
14:25		Ashok Philip, President, World Medical Association



海外醫院國際合作交流會

34家

海外醫療機構

80位

國內外醫療機構決策者

馬來西亞、泰國、菲律賓等34家頂尖醫療機構來台，共同探討智慧醫院、國際醫療、癌症精準治療等合作機會。透過此次說明會，促進台海外醫療產業交流，共創互利共贏的合作模式，並帶動台灣「以醫帶產」的經濟發展。



India

Country Rank

49 / 54

SAVV SC rank: 49

Population: 1,236,344,631 2020

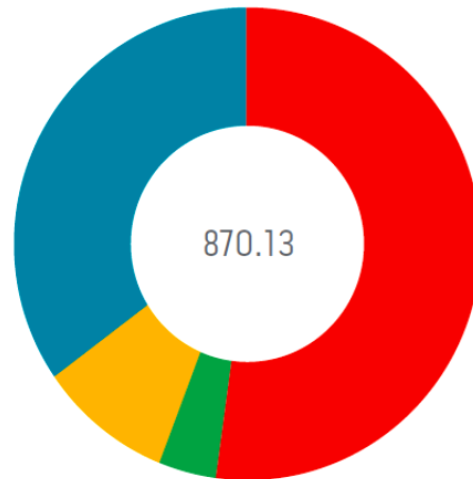
GDP: 1,877

R&D/GDP: 0.82

If effort alone equated with success in biotechnology, India might top the SC and other indices. At the end of 2015, India released a new National Biotechnology Development Strategy, and some of its key goals included generating biotechnology products, increasing bio-manufacturing and producing biofuels. In fact, Shell India Markets plans to build a biofuel plant in Bangalore. Its 13th place ranking on the *Nature Index 2015 Global* suggests that some of India's efforts are paying off. Also, on January 8, 2016, an online article from *Nature Biotechnology* reported: "Most new companies emerging in the GM field are based in the United States and in Asia,



especially India, whereas public developers of the technology are appearing in India and China." Nonetheless, the 2015 BCI described India as facing a "struggling ability to compete," and noted: "India possesses the foundation and potential for becoming a hub of biopharmaceutical innovation—but currently faces several major structural barriers to moving up



from the bottom ranks in biomedical competitiveness. Local executives particularly noted the presence of major regulatory deficiencies and bottlenecks and very limited coverage of medicines, even with costs driven down. In addition, they highlighted major gaps in India's biopharmaceutical IP protection that render the system overall ineffective."

印度：在國際產業市場佈局上是不容忽視的人口大國，特別是與人密切相關的健康產業。與印度還算友善的臺灣可仿效日本模式，先投資在人才，再拓展未來廣大的市場。

India scored 0.03/10, in *Productivity* which places it 17th of the 54 countries studied. India was tied with [Finland](#) and [Ireland](#) and [Taiwan](#).

India scored 0.77/10, in *Intensity* which places it 26th of the 54 countries studied. India scored ahead of [China](#) and [Austria](#).

Source data from *Scientific American Worldview* (<http://www.saworldview.com>)



2019年5月14日 參加印度經貿訪問團在Bangalore 的招商活動。並參與竹科管理局在 Bangalore 主辦的 Taiwan-India Medical Cooperation Forum.

印度理工學院海得拉巴校區

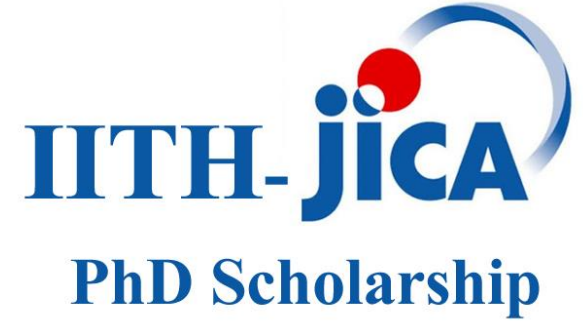
Indian Institute of Technology

Hyderabad is a public technical and research university located in Sangareddy district, Telangana, India.



भारतीय प्रौद्योगिकी संस्थान हैदराबाद
Indian Institute of Technology Hyderabad

Japan International Cooperation Agency

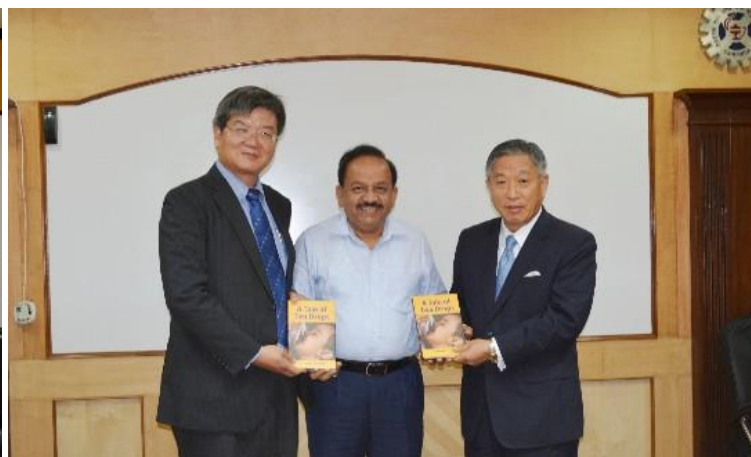
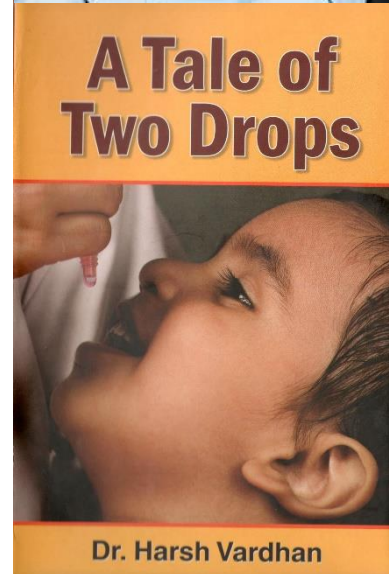


Apple's 1st Campus
Placement In India

Nov 6, 2017

Dr. Harsh Vardhan is an Indian [Otorhinolaryngologist](#) and the incumbent **Minister of Health and Family Welfare, Minister of Science and Technology** and **Minister of Earth Sciences**.

Dr. Harsh Vardhan was elected to the office of [Chairperson of Executive Board of the World Health Organization](#) from May 22, 2020.



2015-07-20 科技部錢宗良次長及田中光大使拜會印度科技部長 Hon. Harsh Vardhan。
Hon. Vardhan部長並於會中致贈著作” A Tale of Two Drops”予錢次長及田大使。

Dr. Guljit Chaudhri Chief, Managing Director of Innonation, ABLE (Association of Biotechnology Led Enterprises)

Guljit started her career with international business, strategic alliances including joint ventures and domestic marketing of pharmaceuticals.

India: one of the observers of ICH*.

*The International Council for Harmonization of Technical Requirements for Pharmaceuticals for Human Use (ICH)



2019-05-17 拜
訪 Invest Inida ,
邀請 Dr. Guljit
Chaudhri 來台
參加 EXPO



2019-12-05 Dr.
Guljit Chaudhri
來台參加Taiwan
Healthcare EXPO

印度在全球仿製藥市場佔據主導地位，2017年/18年度(4-3月)藥品出口規模達到173億美元，包括對美國和歐盟的出口。其中對中國的出口僅佔1%。



2018年7月18日，中國國務院總理李克強就電影《我不是藥神》引發輿論熱議作出批示，要求有關部門加快落實抗癌藥降價保供等相關醫療改革措施。

2025年 印度生技商拓團 (02/23-02/24 海德拉巴 Hyderabad)



訪問團抵達海德拉巴機場

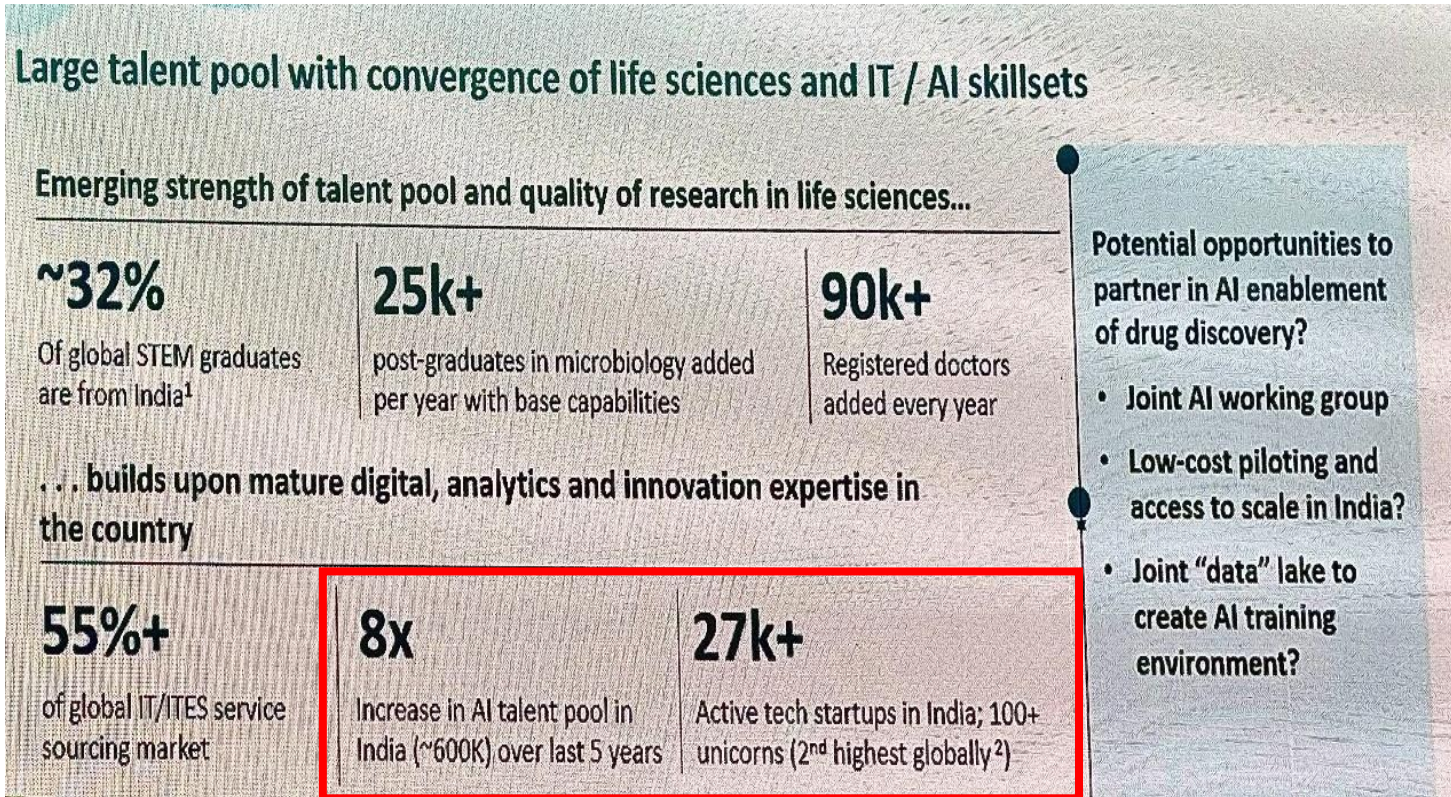


參訪基因谷生技園區 (Genome Valley)



參訪園區中最大的委託開發暨製造服務 (CDMO)公司 Syngene International。

2025年 印度生技商拓團 (02/24)



印度在結合生技與人工智慧 (AI) 人才培養的數據資料。

2025年 印度生技商拓團: India CRDMO Syngene (02/24)

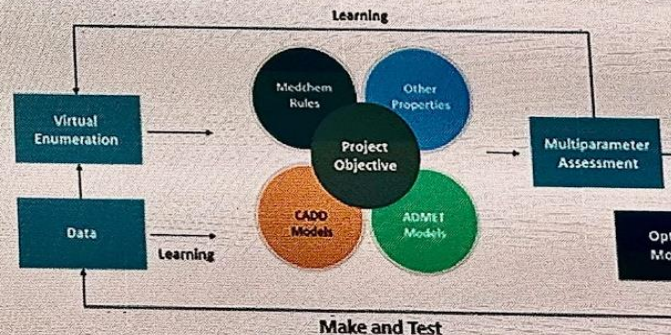
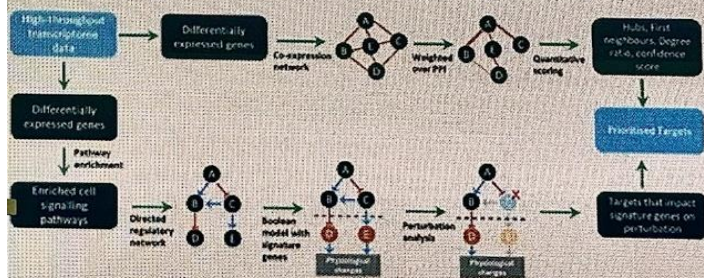
Syn.AI™ leverages data and learning algorithms for target identification and molecule design

Identify and prioritize targets that maximize clinical and commercial success

- Actionable mechanism-based hypotheses
- Liabilities assessment
- Comprehensive pharmacogenomic profiling

Design molecules with optimal balance of properties that meet your project objective

- Multiparameter optimization
- Liabilities assessment
- Comprehensive scanning of chemical/biological space



Syngene

Putting Science to Work

Syngene AI 軟體工程師團隊利用AI在藥物研發工作流程。

2025年 印度生技商拓團: India CRDMO Syngene (02/24)

Thirty+ years of 'Putting Science to Work' and providing solutions for a global client base



Syngene 提供的
Plantable筆記本跟筆，
符合國際永續發展倡議

400+

Active
clients

>2 Mn

Square feet of
Infrastructure

8500+

Global
workforce

87

Recent client and
regulatory audits¹

~\$4 Bn

market cap

>80%

green
power¹

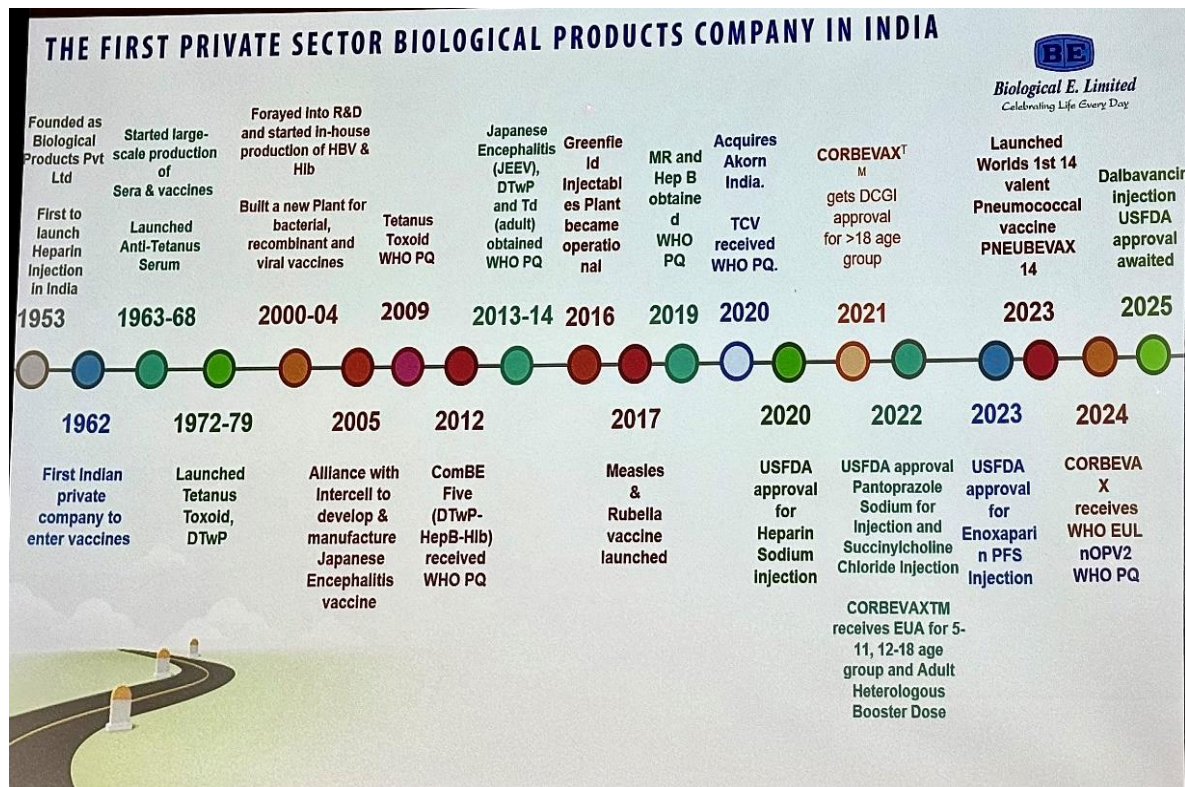
450+

Patents
IP created
for clients

We have a strong track record as a partner to the leading pharma players globally

Syngene 服務國際**400+**顧客外，擁有超過**450**項專利，使用超過**80%**綠能在整體產線上

2025年 印度生技商拓團: India Biological E (02/24)



➤ 目前印度生產的疫苗已經佔有世界25%市場，有670座藥物生產基地獲得美國FDA核可，也有75家非常活躍的生醫產業加速器，協助創新創業。

➤ 印度已經超前部署「零碳排」經濟，多項政策都在催化與加速各種製造轉型為循環經濟

Biological E為印度第一家私立公司，生產疫苗相關產品歷程。

Branding Taiwan



Thank you for your attention

參考網站

1. 2025 高齡健康產業博覽會網站資料

<https://www.taiwan-healthcare.org/hats/zh/>



2. 2025 臺灣醫療科技展網站資料

<https://expo.taiwan-healthcare.org/zh/>

