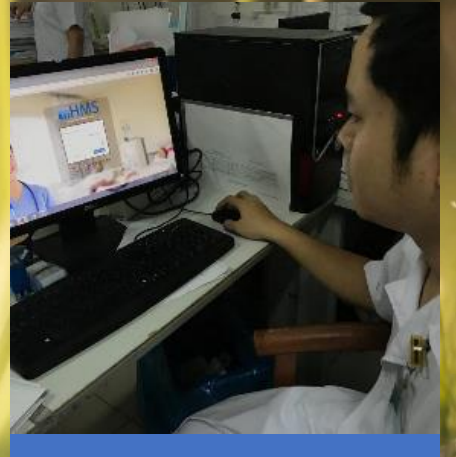
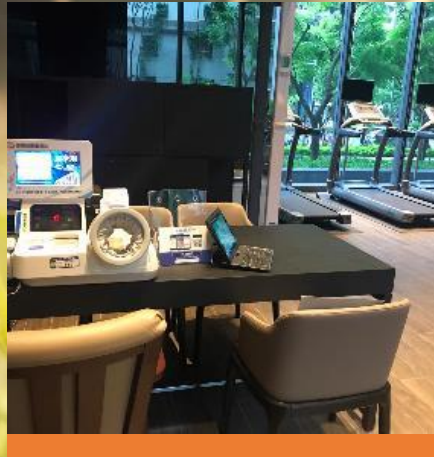


以台灣經驗發展東南亞人工智能與精準健康照護輸出平台

A Concept of AIOT Precision Care Layout Strategy in Taiwan and Expand in Southeast Asia Countries

先進醫資 黃兆聖 總經理
Taiwan HI7 祕書長





台灣高雄 智慧醫療軟實力團隊



健康從智慧開始

先進醫資位於亞灣區**85**大樓，輸出台灣智慧醫療科技，榮獲國內外多項智慧醫療競賽優勝，投資人包括台灣醫療機構、美國矽谷等天使資金

先進醫資**5**大專利技術



解決方案應用遍布全球**12** 個國家
產品已建置超過**300+** 據點
服務已提供**3,000,000+** 使用者



- 現任:
 - 先進醫資總經理
 - 台灣第七層健康資訊標準學會 祕書長
- 曾任:
 - 畢嘉士基金會 資訊長
 - 衛生福利部電子病歷辦公室 技術組組長
 - 屏東基督教醫院資訊室研發組 組長/院長室顧問
 - 創兆國際資訊有限公司 執行長
 - 挪威國際路加組織資訊顧問
- 學歷:
 - 國立成功大學 資訊工程研究所 博士候選人
 - 2005-2007臺北醫學大學 醫學資訊研究所 碩士
 - 2002-2005國立高雄應用科技大學 電機工程系
- 特殊事蹟
 - 獲選2011年，時代基金會國際青年創業領袖、國際DSP數位訊號處理競賽首獎、多項國內多媒體、行動應用等獎項。
 - 國際PMP專案管理師、國際電子病歷證書、醫資分析師、醫資管理師等
- 專長領域
 - 醫療資訊系統、電子病歷、雲端運算系統

Johnson Huang

Managing Director

AdvMeds. Co, Ltd.

E-mail:johnson@advmeds.com



Education

2013-	Computer science and information engineering.	Ph.D.
	National Cheng Kung University	
2006-2007	Medical Informatics	M.D
	Taipei Medical University	
2000 - 2005	Electrical Engineering	B.S.
	National Kaohsiung University of Applied Sciences	

Current Positions

2016-	AdvMeds Co., Ltd.	Managing Director
2016-	HL7 Taiwan	Secretary General
2015-	IT consultant of superintendent office	IT consultant
2015-2016	BjØrgaas Foundation	CIO
2014-2015	Ministry of health and welfare, Taiwan	RD team leader of EMR office
2012-2013	Pingtung Christian Hospital	RD team leader
2008-2013	Luke International, Norway	IT consultant
2006-2015	CiiS. Co., Ltd.	CEO

Awards

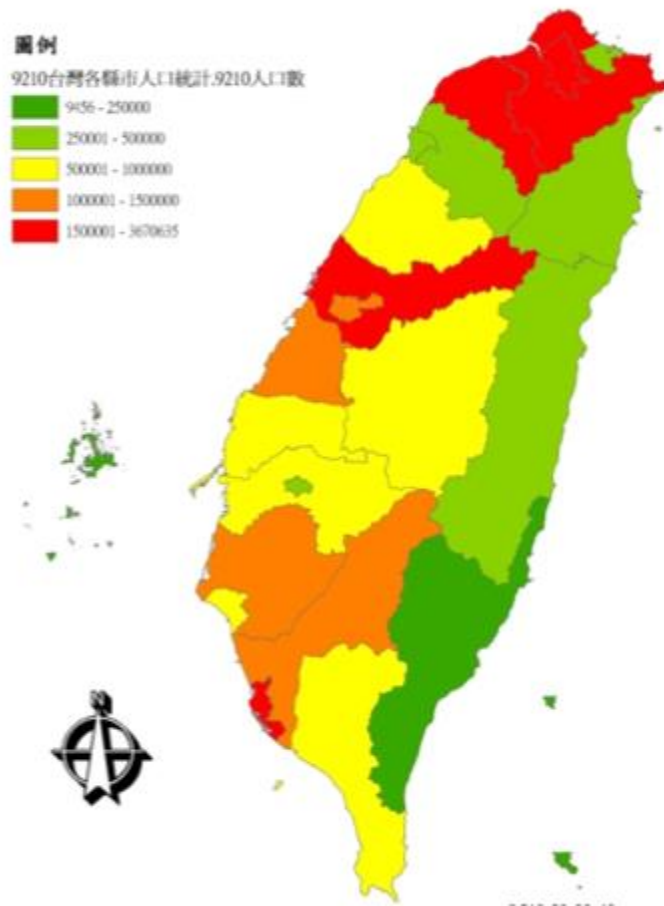
2014	IT Leader Award, Institute of Information & Computing Machinery
2012	Best Business incubators Award, Ministry of Economic Affairs.
2011	TIC100 Smart health business innovation Award
2011	Young Entrepreneurs of the Future (YEF), EPOCH

Fields of Expertise

Hospital information system
International HIS cooperation
Electronic medical system



Health IT , Why Taiwan?



- Land area : 36,000 sq Km (13,975 sq mile)
- More than 500 hospitals/20,000 clinic
- 1995 Lunch nation health insurance
 - Universal coverage
 - Comprehensive and uniform benefits
 - Unlimited freedom of choice (No gatekeeper)
 - Easy access and timely service
 - Acceptable quality of care
 - Affordable cost
 - High public satisfaction

100+ different kind of HIS

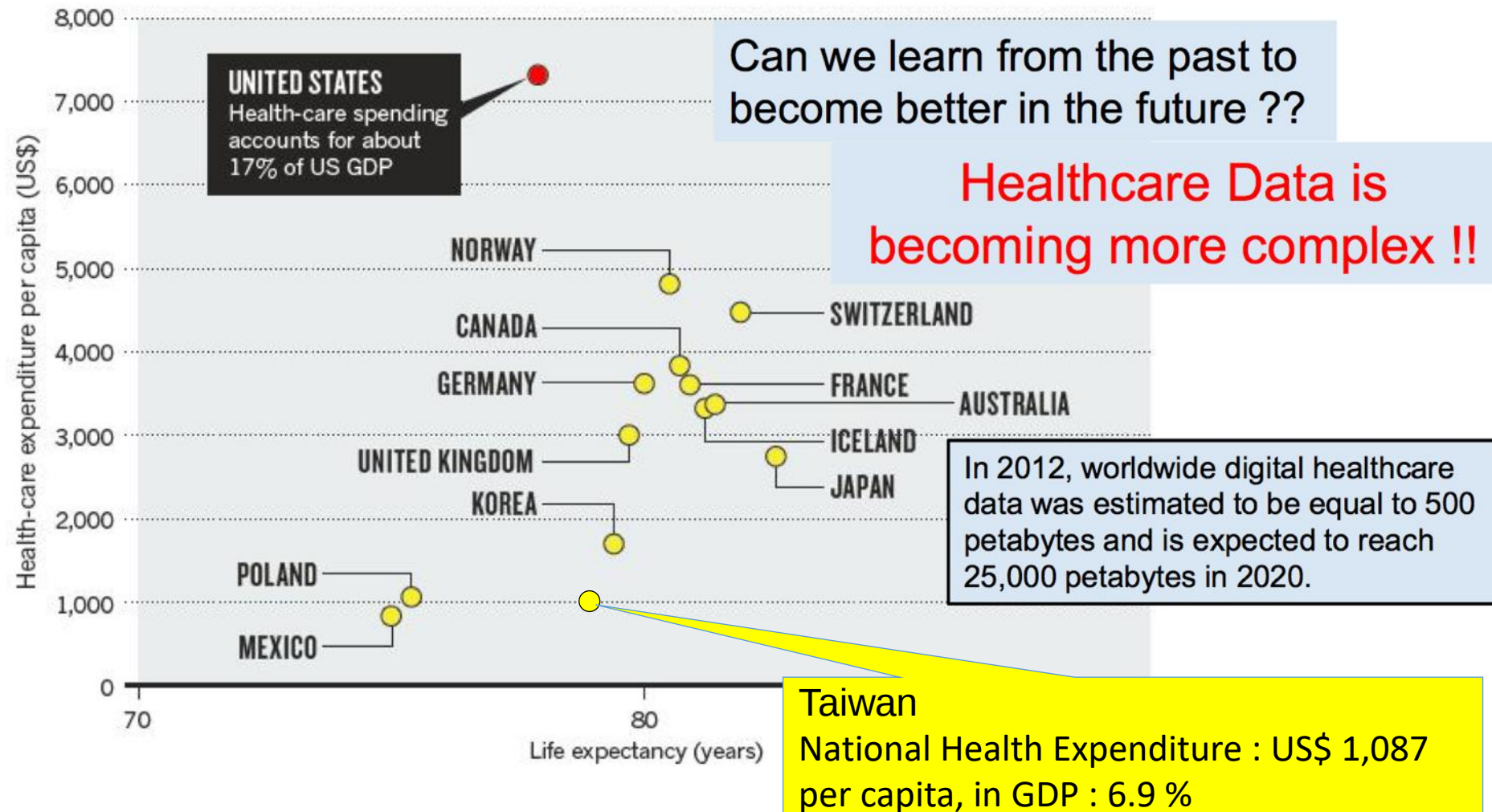
Highly customized
Very mature industry



The CEO of Microsoft
Satya Nadella

“Every company is a software company.
You have to start thinking and operating like a digital company”

Better health outcome? More money spent?

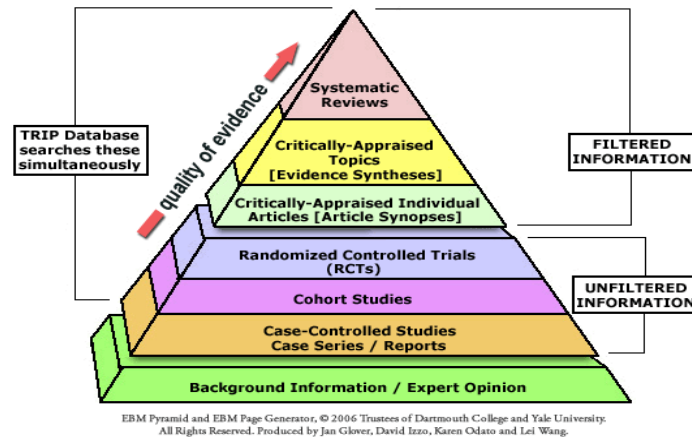


趨勢數位健康革命三要素

Drivers of the Digital Health Revolution

ECONOMIC

Unsustainable cost of care; shift to value-based reimbursement



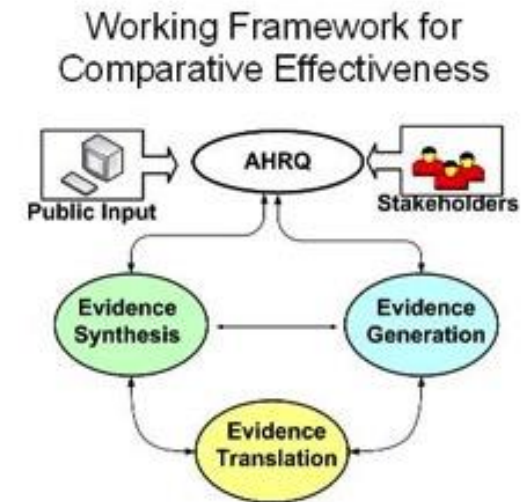
DEMOGRAPHIC

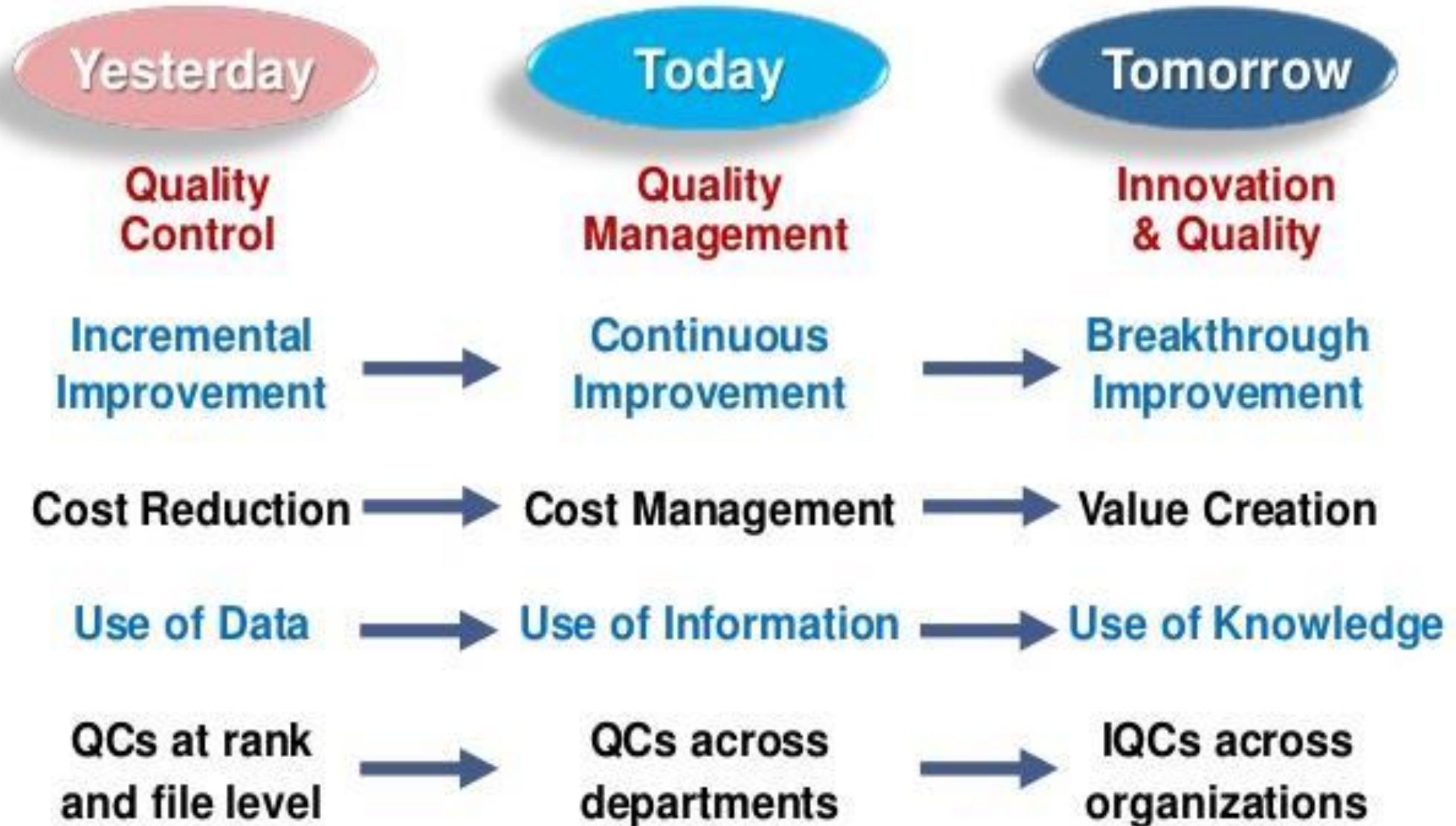
Aging populations in developed countries; digital-first millennials



TECHNOLOGICAL

Growth of precision medicine; rise of smartphones and wireless technologies





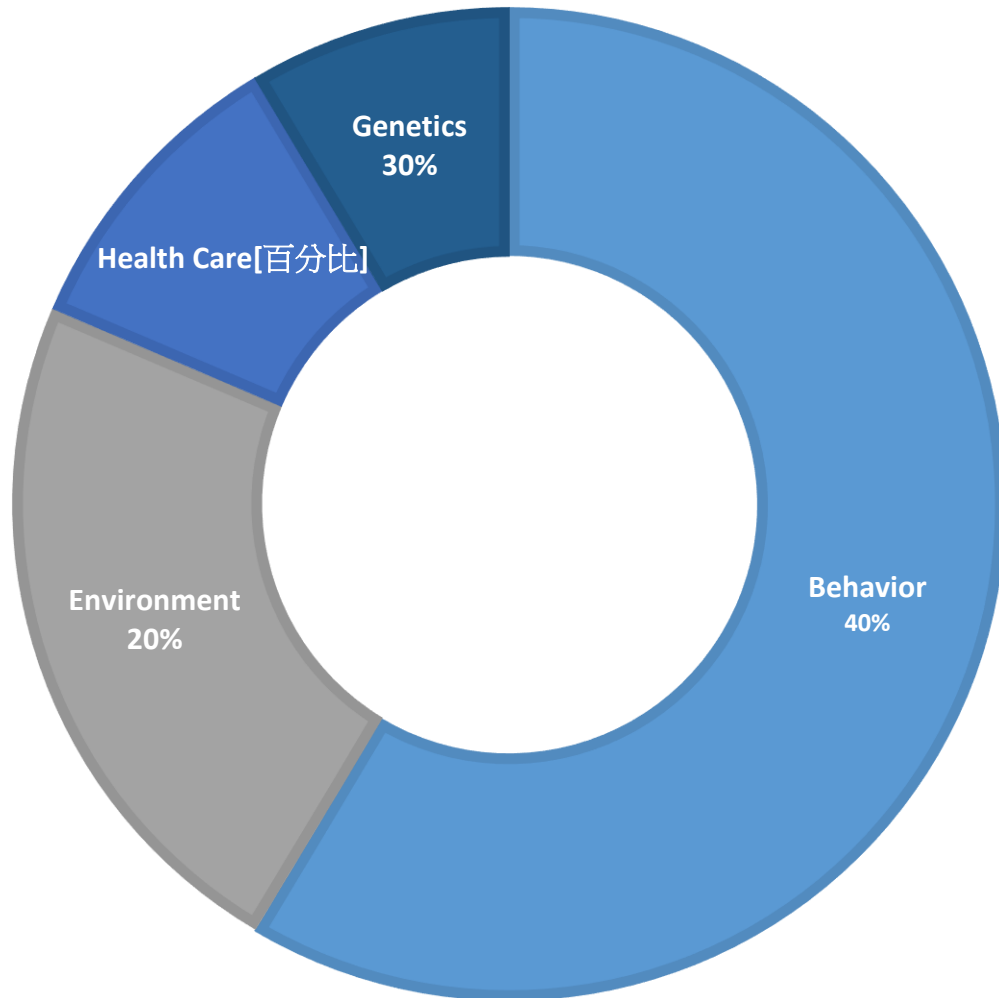
Transforming health醫療照護的革命

Shifting from reactive to proactive and predictive care



何謂健康?未來醫院的革命與走向

Determinants of Health and Contribution to Premature Death



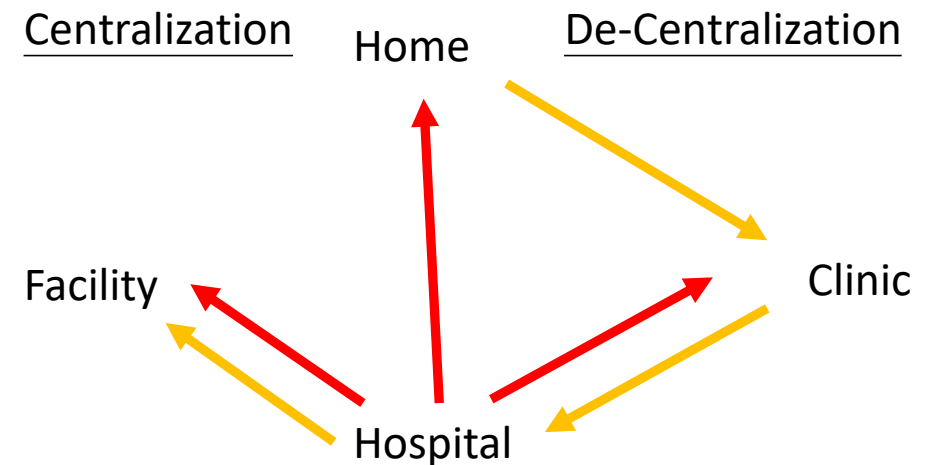
- From Clinic to Community: A Holistic Approach to Health Care

Source: Schroeder, SA. (2007). We Can Do Better

- Improving the Health of the American People. NEJM. 357:1221-8.

智慧健康照護生態圈-由院內至院外

Smart Healthcare Ecosystem- from hospital to out-of-hospital



From "Personalized Medicine" to "Precision Health"



+



=



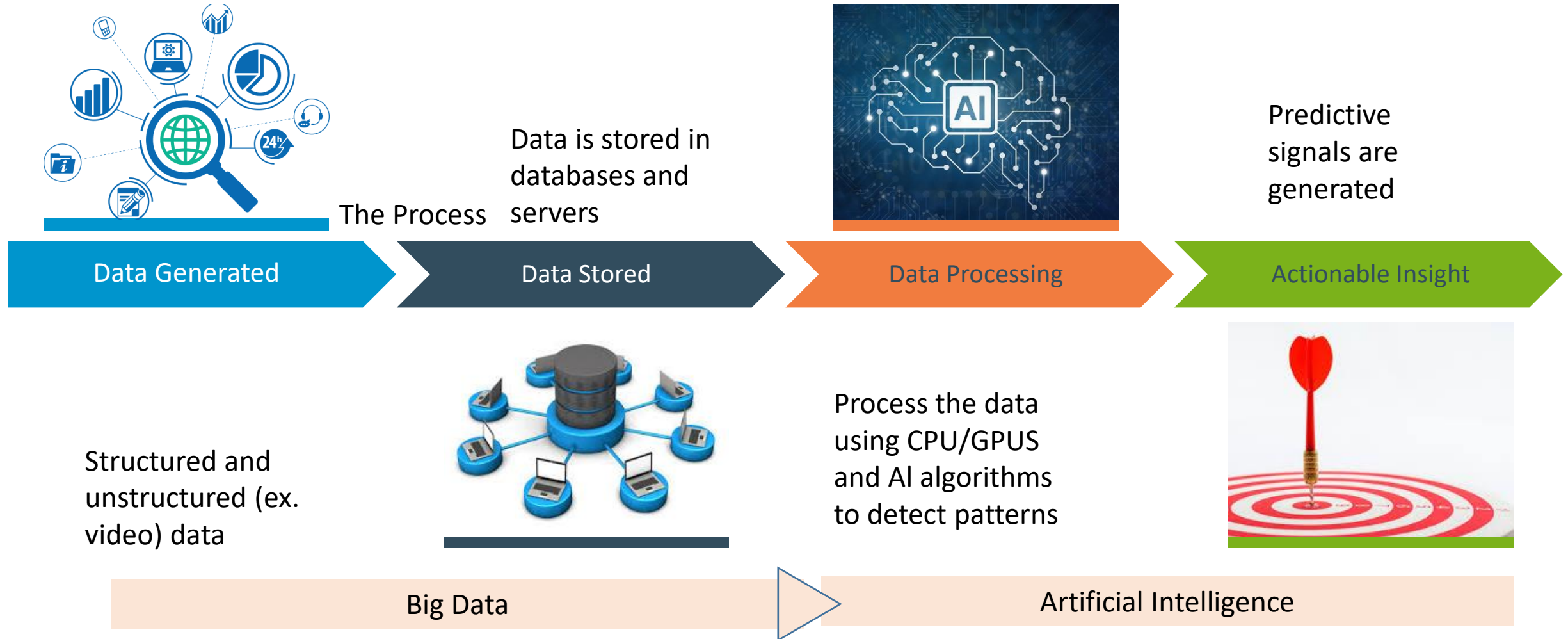
PRECISION MEDICINE
(PATIENT OR PERSONAL)

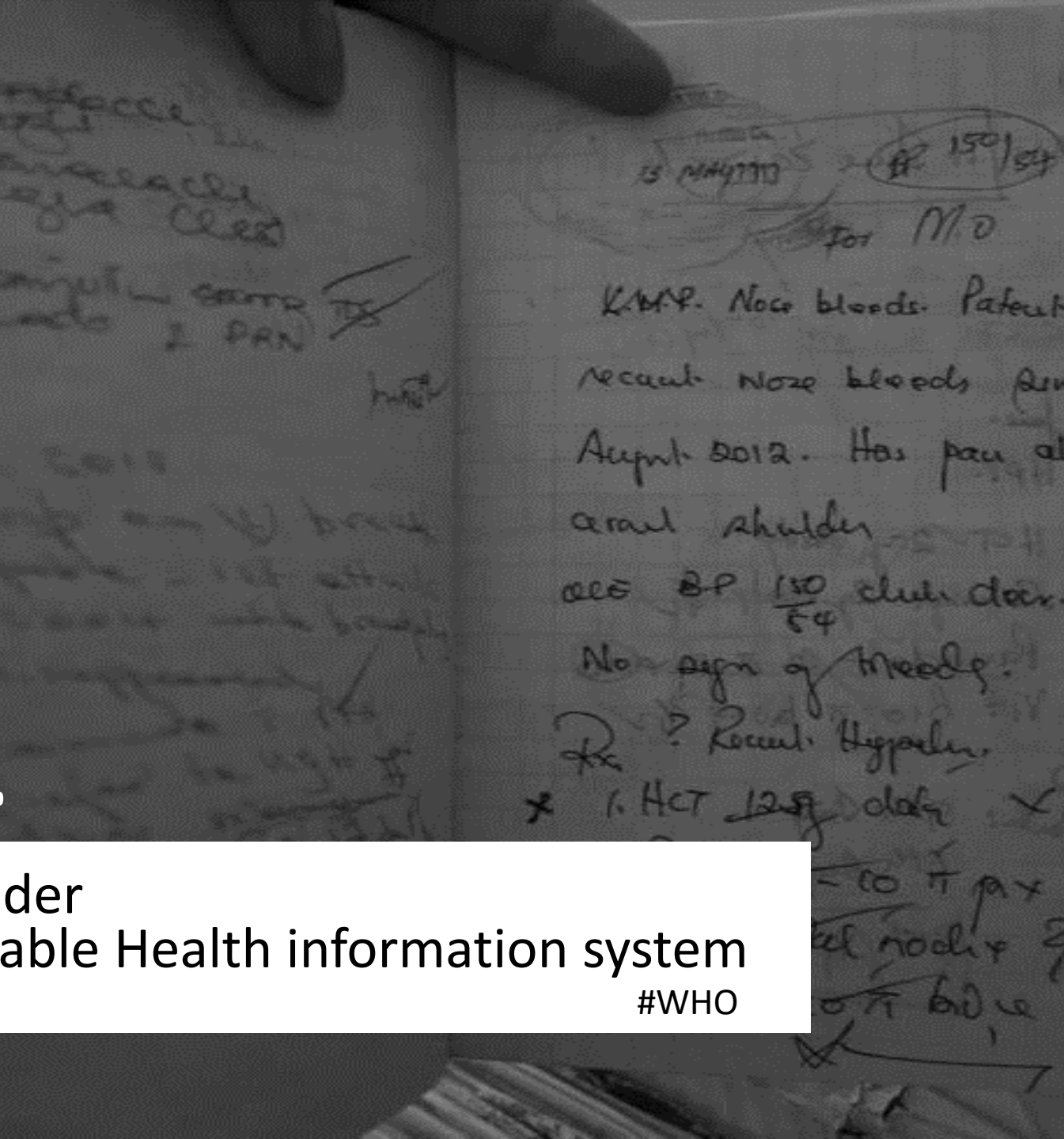
PRECISION PREVENTION
(PUBLIC OR POPULATION)

PRECISION HEALTH
(POPULATION)

Shift from "Personalized Medicine" to "Precision Health" and "Wellness Genomics" Matter?
McGowan. AMA Journal of Ethics 2018, Vol 20,E881-90

No Data, No AI





The truth is...

64% Health Provider
without suitable Health information system

#WHO



Why it doesn't work?

Do need IT expert

Clinical Know-how

Resource

\$\$\$\$\$\$\$\$\$



first story
10,303_{km}





3 years in Malawi, every Monday morning...

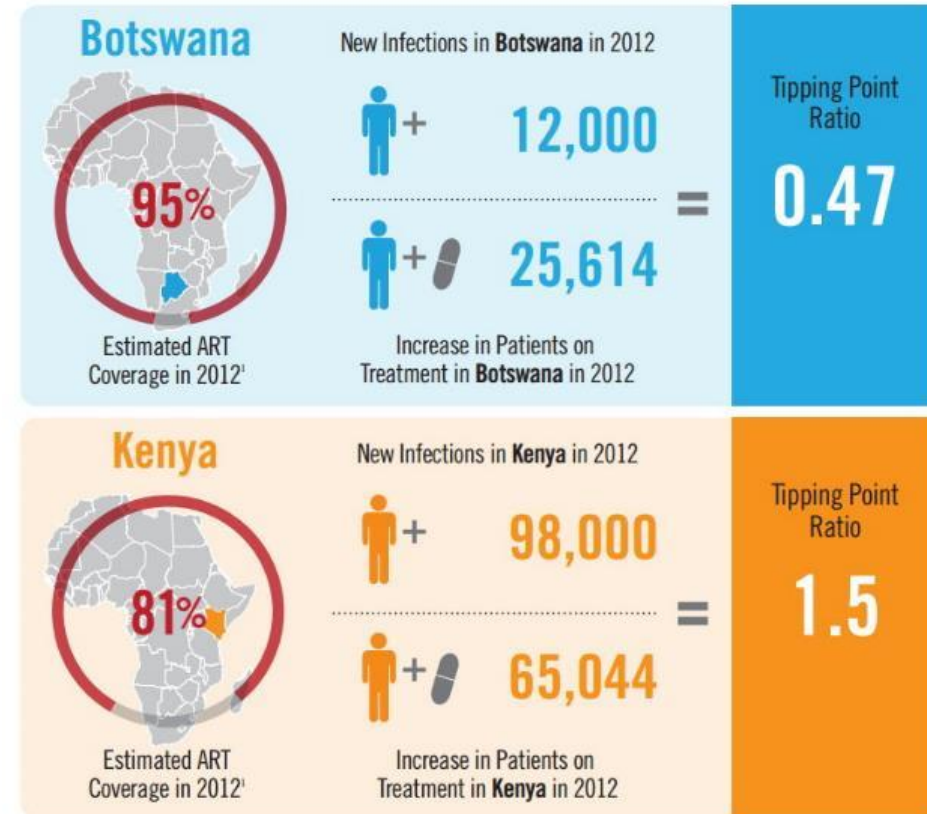
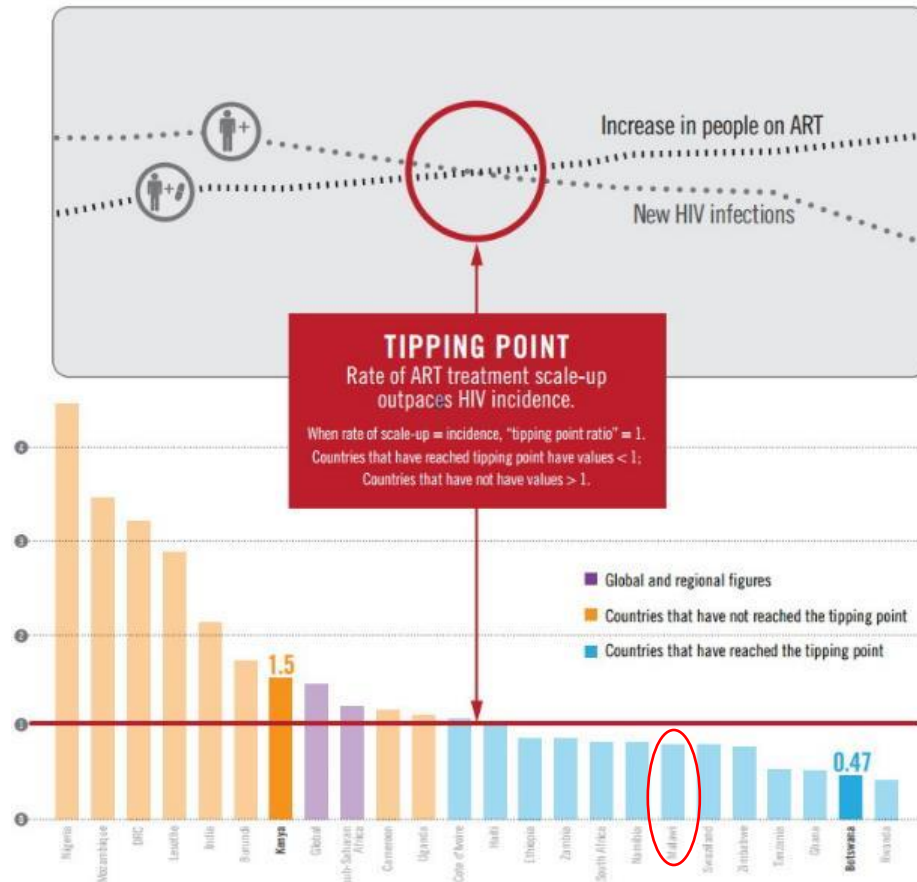


Can we do something?



How we “collect” and “manage” these Massive data in different levels?

HIV Prevention



Reference: [AVAC: Global Advocacy for HIV Prevention](#)

Identify patient? Continuous treat? Medical record? Capacity?.....





EHR



Rainbow Clinic



Capacity building



Patient Identity



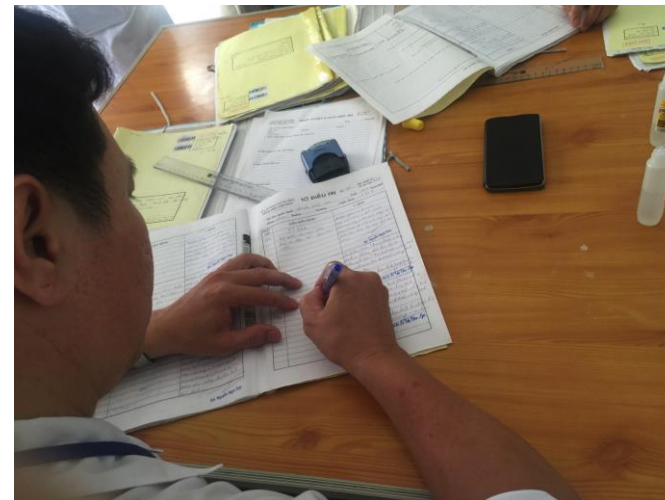
60,000 HIV patients treated
200,000+ clinic visits

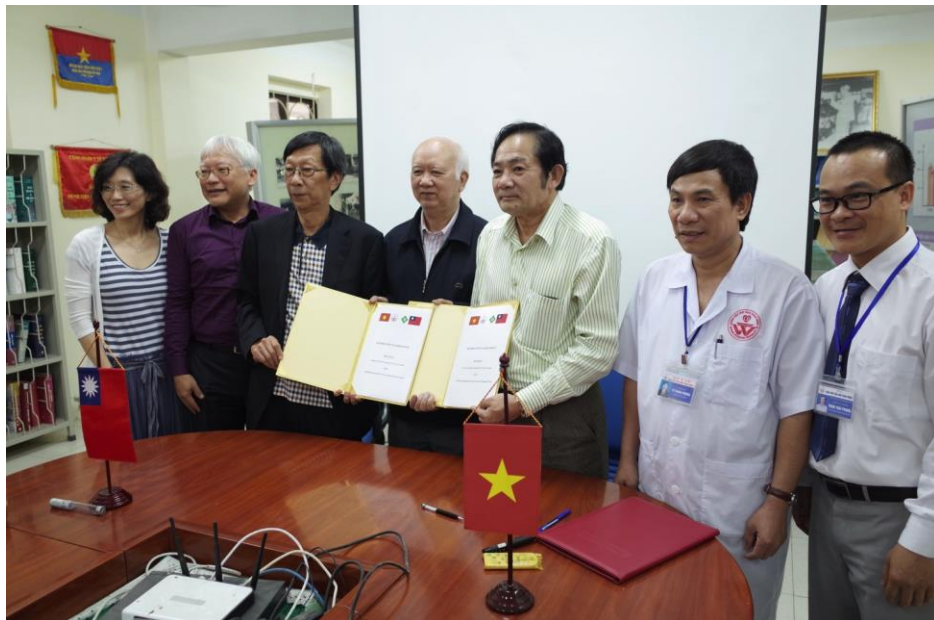


Soy milk project



Chitatata Widow Group







Stage1 Pilot Project: Smart Hemodialysis Unit

Hemodialysis machine linkage 30 machine

Management system

Export insurance report

Setup indicator















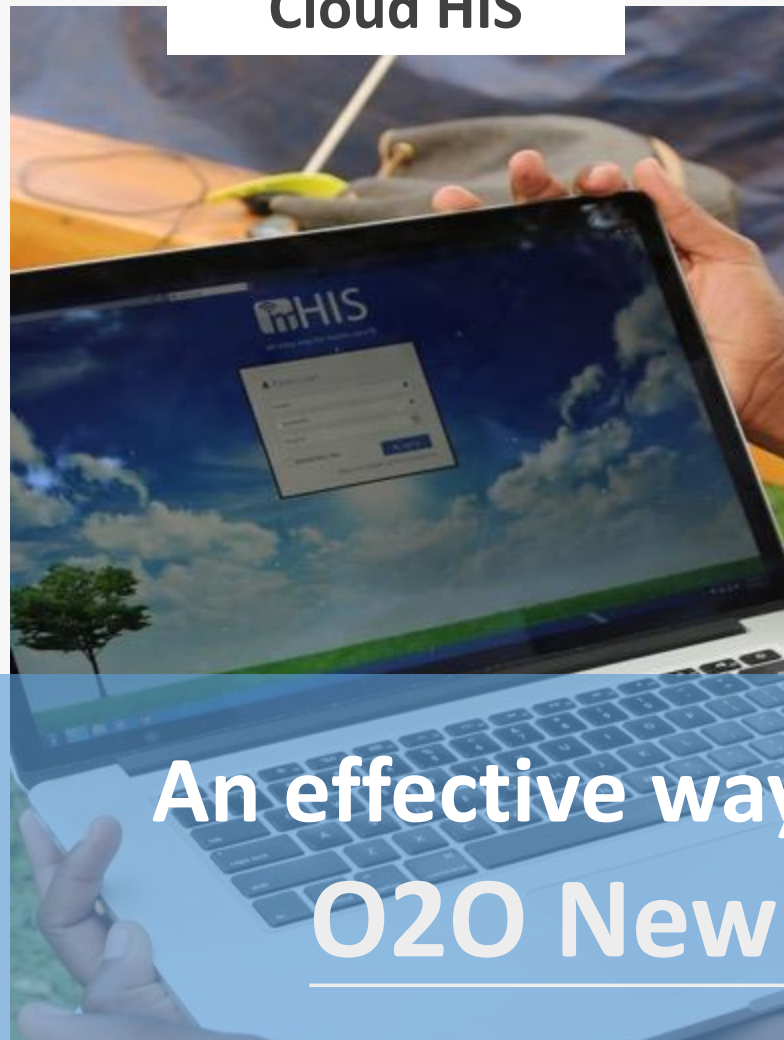
Cloud HIS



mPHR Ecosystem

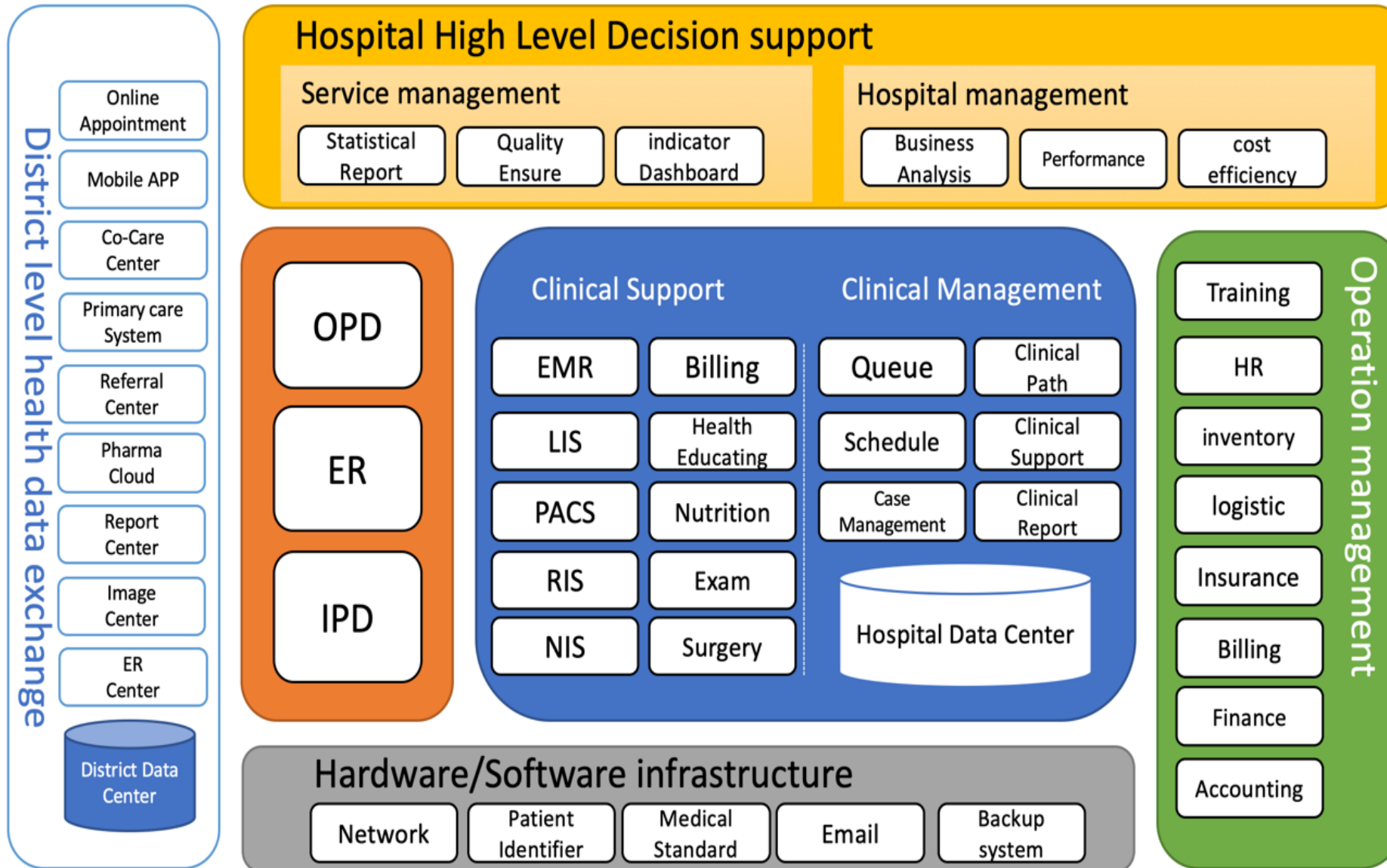


AIOT Gateway



An effective way to build your own health IT System
O2O New Generation AI Health care

mHIS Cloud Scope





110,793筆國民資料

25,697local/1,200 visiter

Patient Renew Registration with head photo and
fingerprint

- Work with WHO Program



#PROJECT
#CLOUD

| **Hospital Cloud**

Mobile
Cross platform

Modification
SDK &API

Modularized
45+ sub Modules



約8個月
60,793+ 病患門診



Capacity building

E-Health not just eHealth, but also total solution

Cross-platform(desktops, laptops, tablets, mobile phones)
Low cost, low power consumption, cloud exchange

mHealth
Community level solution

Mobile HIS scenario DEMO



Mobile PACS
-Medical image solution

Card & Barcode
-Portable personal medical data
and identifier

UPIS scenario DEMO

UPIS
-Finger print based authority
Private /Public Cloud

BIG DATA for NEXT AI Generation

Handwritten patient notes on a form titled "THE REPUBLIC OF THE MARSHALL ISLANDS OUTPATIENT NOTES". The notes are written in cursive and include a date "12/15/18", a patient name "W. H. S. 1163", and a diagnosis "COPD". The notes describe a patient with a long history of smoking and a recent diagnosis of COPD. The patient is currently on inhalers and has been advised to quit smoking. The notes also mention a recent visit to the doctor and a prescription for inhalers.

Handwritten patient notes on a form titled "THE REPUBLIC OF THE MARSHALL ISLANDS OUTPATIENT NOTES". The notes are written in cursive and include a date "12/15/18", a patient name "W. H. S. 1163", and a diagnosis "COPD". The notes describe a patient with a long history of smoking and a recent diagnosis of COPD. The patient is currently on inhalers and has been advised to quit smoking. The notes also mention a recent visit to the doctor and a prescription for inhalers.

Printed patient notes on a form titled "THE REPUBLIC OF THE MARSHALL ISLANDS RMI MINISTRY OF HEALTH AND HUMAN SERVICES THE OUTPATIENT NOTES". The form includes a patient name "WUSTY ELGAR", a hospital number "100-424", and a date "4.26.2019". The notes describe a patient with a long history of smoking and a recent diagnosis of COPD. The patient is currently on inhalers and has been advised to quit smoking. The notes also mention a recent visit to the doctor and a prescription for inhalers.

PROGRESS (at OPD Clinic on Wednesday):
(9:15-2018 @9:26 am) - Patient came back for follow-up on his blood tests to see the result. IF, truly he has Hepatitis B as he claims.

O:
General: Coughing productive, but unable to expectorate it out.
No nasal flaring, nor chest retractions.
Vital Signs: SPO2 @95% at room air, B-P=128-60, Pulse=88 beats/minute, Temperature @ 98.6°F, and Respiration is estimated at 24 breaths/minute.
Chest Cor: Diffuse crepitant rales bilaterally with good aeration. There is no murmur, and apex is not displaced.
CVS: Hydrated neck. Mild aortic sclera.
Lungs: No wheezes.
Rest: WNL.

PROGRESS (at OPD Clinic on Wednesday):
Laboratory Investigations: 1. Biochemistry (9:15-2018 @ 9:26 am):
Liver function tests: AST=34 U/L (N), ALT=29 U/L (N), ALP=79 U/L (N), GGT=32 U/L (N), Total Bilirubin=0.7mg/dL (N), Direct Bilirubin=0.1mg/dL (N), Creatinine=0.9mg/dL (N), Electrolytes: ALL WNL, including Sodium, Potassium, Urea acid, and Calcium. Lipid Profile: Total Cholesterol=170mg/dL (N), Triglyceride=71mg/dL (N), & HDL=33mg/dL (Low for a male).
Hepatitis B Surface Antigen: Positive.
General Appearance: Though he is slight jaundice with slight sclerotic sclera but appears more brighter & cheerful.
Clinical Cor:

A:
1. Acute Bronchitis for further investigation for ROCH
2. Known case of Hepatitis B.

ICD10:
• Principle [J40] Bronchitis, not specified as acute or chronic
• [B18.1] Chronic viral hepatitis B without delta-agent

P:
1. Baseline Chest X-ray (P-A view) with ERGP.
2. Baseline Lipid/Low-Renal Profiles with electrolytes.
3. Give Vitamin B Complex: 1 tablet QD (P10ea).
4. Give Augmentin 625mg BID x 10 days (P20 ea).
5. Give Robitussin DM Cough Elixir: Give 10ml Qidly PRN cough x 5 days (P1 bonds).
6. Advise to avoid certain food drinks and to return to Hospital if not better within 24hrs.
7. Follow-up tomorrow (9:15-2018) @9:26 am on Wednesday.

PROGRESS (9:15-2018 @9:26 am on Wednesday):
1. Advise to given to diet and to avoid certain food and ETOH.
2. Advise to continue with above treatment.
3. Follow-up every month for refill of his Vitamin B complex and check his progress from time to time (10:24-2018 @am Wednesday).

RX:

Item Code	Code	Dose	Frequency	Route	Days	Total
PC403	FLUCONAZOLE CAPSULE, 500MG, 500PU	1	QID	PO	7	7
PA011	DICLOFENAC TABLET, 50MG, 50PU	1	BID	PO	7	14

Doctor: doctor

THE REPUBLIC OF THE MARSHALL ISLANDS RMI MINISTRY OF HEALTH AND HUMAN SERVICES PRESCRIPTION

User Name: WUSTY ELGAR

Hospital No: 100-424

Age: 37

Date: 4.26.2019

RX:

Item Code	Code	Dose	Frequency	Route	Days	Total
PC403	FLUCONAZOLE CAPSULE, 500MG, 500PU	1	QID	PO	7	7
PA011	DICLOFENAC TABLET, 50MG, 50PU	1	BID	PO	7	14

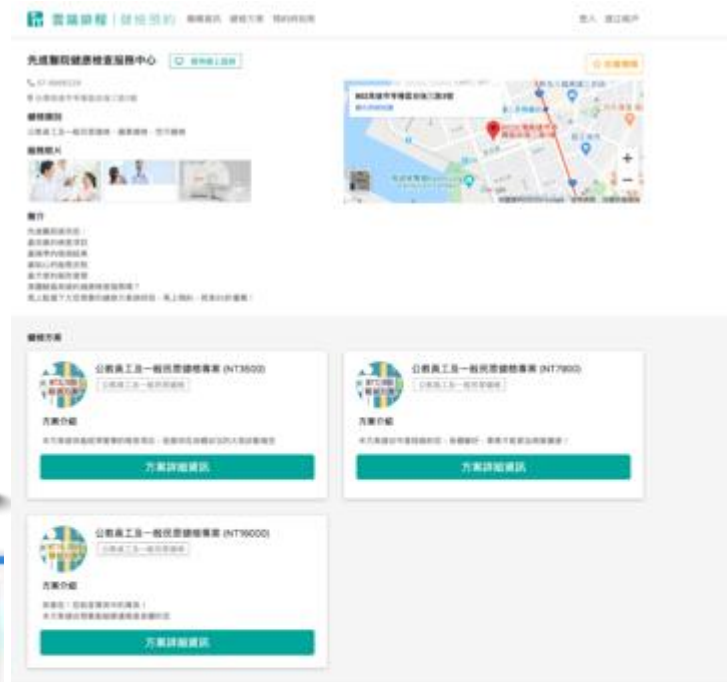
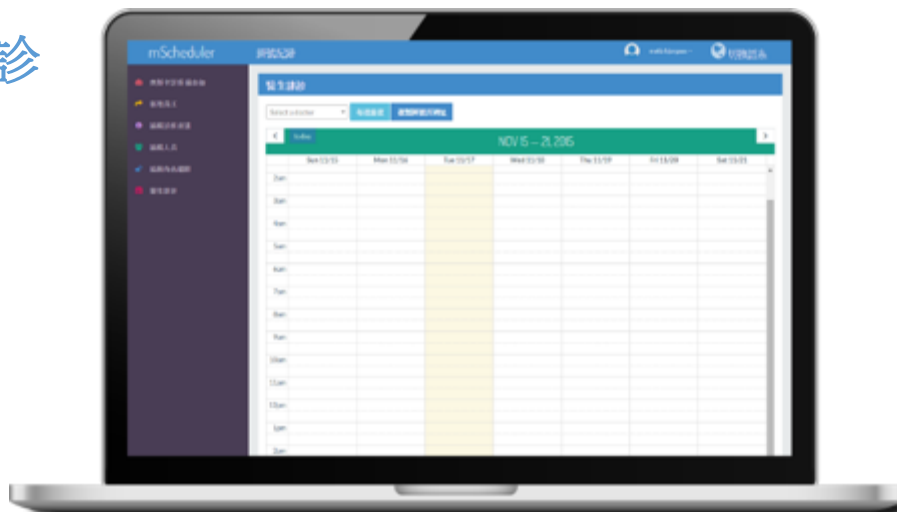
Doctor: doctor

雲端排程系統mScheduler

痛點:多數開發中國家以傳統排隊候診

解決方案:

- 雲端服務快速申辦(雲+APP)
- 串連診間班表系統與排班服務
- 提供民眾一綜整性的掛號平臺
- 智能叫號提醒推播(免除人工)



延伸應用:健檢預約平台

Mobile possibility

The image illustrates the mobile possibility of a health information system (HIS) through a collage of screenshots and a photograph of a healthcare professional using a mobile cart.

Desktop HIS Interface: The top left screenshot shows the desktop version of the HIS. It features a patient profile for "Dyoo Kuo" with various medical data points, including a photo, name, gender, age, and date of birth. The interface is labeled "an easy way for health care".

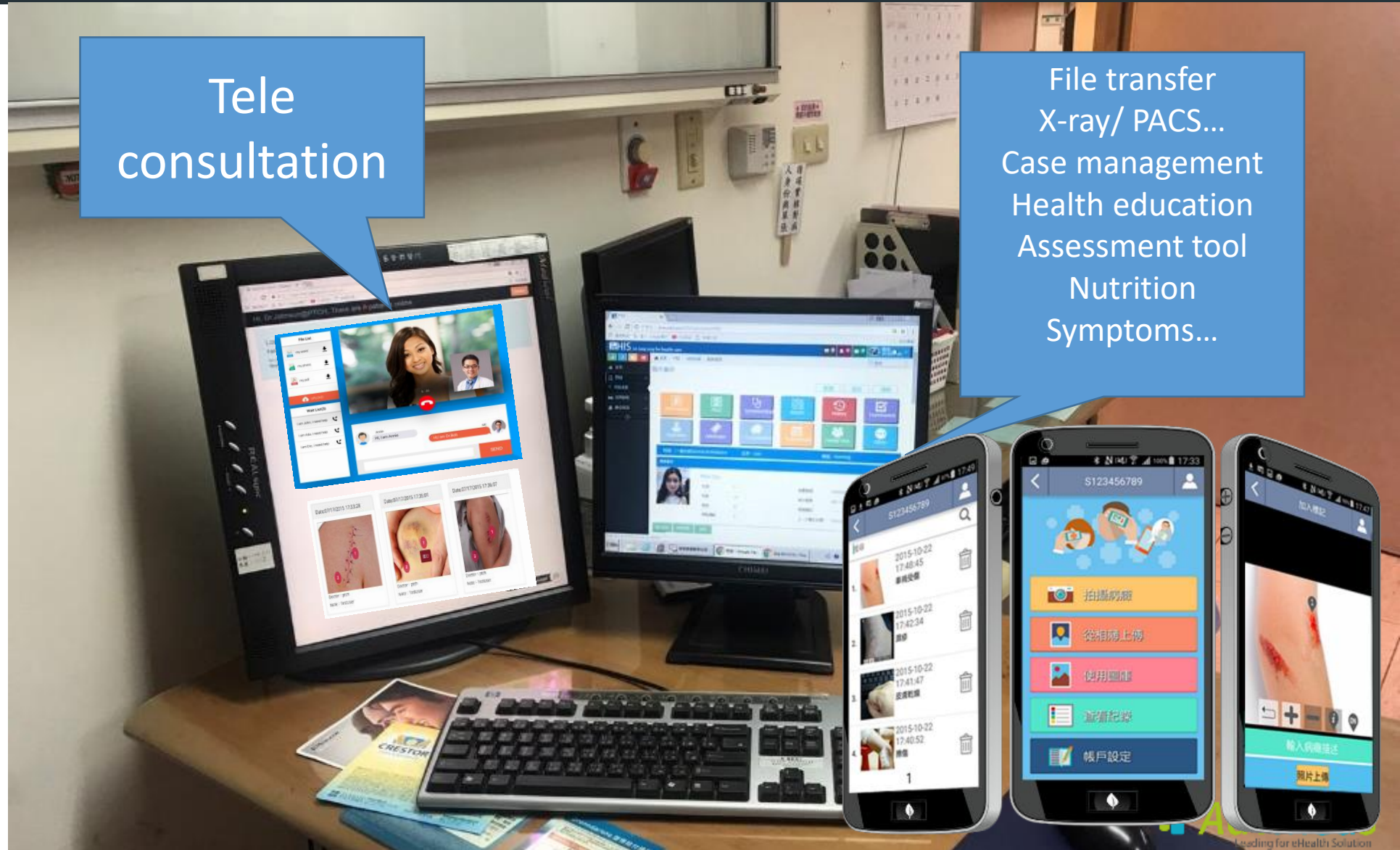
Mobile App Interface: The bottom left and center screenshots show the mobile app interface. The app displays a list of patient records with timestamps and photos of wounds. The rightmost screenshot shows a detailed view of a wound photo with a timestamp of 17:40:52.

Mobile Cart: The bottom right photograph shows a healthcare professional in blue scrubs standing next to a mobile cart labeled "Linkbox MedCart". The cart has a tablet mounted on it, displaying the mobile app interface. Text on the right side of the image reads: "MEET Linkbox MedCart", "SAVE TIME", "SAVE MONEY", and "SAVE LIVES".

Smart Clinic

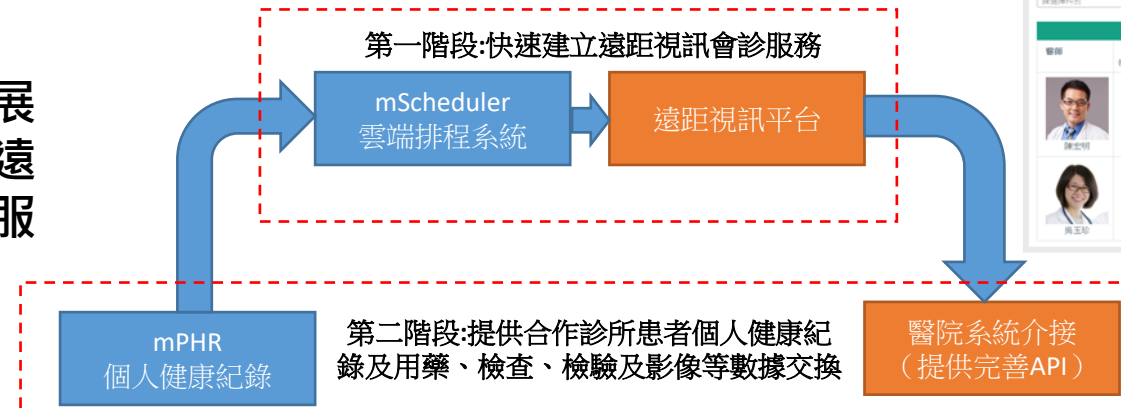
Tele
consultation

File transfer
X-ray/ PACS...
Case management
Health education
Assessment tool
Nutrition
Symptoms...



遠距診療通訊平台

- 雲端預約平台結合視訊應用，發展敏捷式遠距通訊平台，協助開立遠距防疫門診、心衛遠距健康諮詢服務、遠距衛教課程

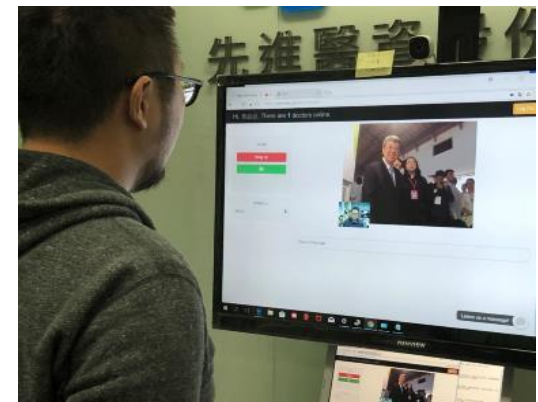
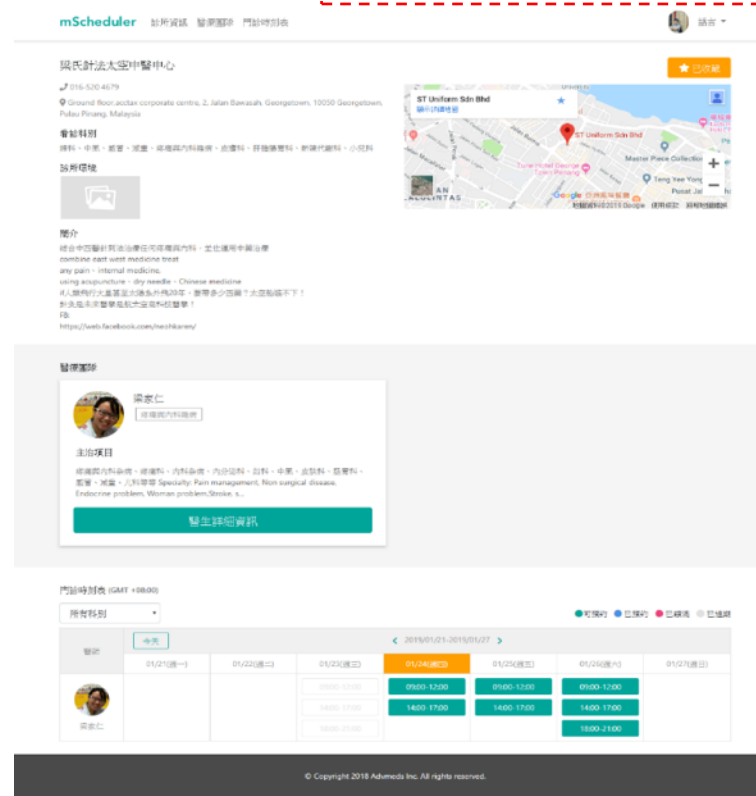
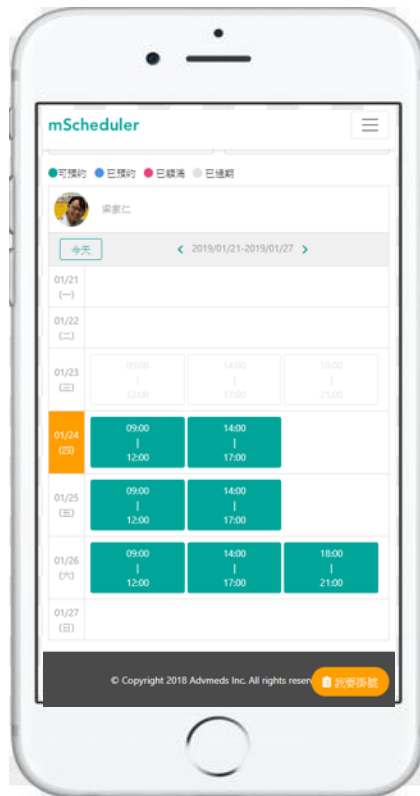


門診表 - 點擊時段即可預約

●可預約 ●已滿 ●已預約 ●已過期

< 2020/01/06-2020/01/12 >

醫師	一 01/06	二 01/07	三 01/08	四 01/09	五 01/10	六 01/11	日 01/12
陳志明			09:15-11:45 (1/18)	09:00-11:45 (9/28)	09:00-11:45 (1/29)	10:00-12:00 (9/18)	10:00-12:00 (9/18)
			13:30-14:00 (1/28)	13:30-14:00 (1/28)	13:30-19:00 (9/30)	14:00-19:00 (9/30)	14:00-19:00 (9/30)
黃玉如			13:00-19:00 (9/28)	08:00-12:00 (9/28)	08:00-12:00 (9/13)	08:00-12:00 (9/13)	08:00-12:00 (9/13)
				18:00-21:00 (9/13)	18:00-21:00 (9/13)	18:00-21:00 (9/13)	18:00-21:00 (9/13)



What's the next generation of Health Care Service



Health Care O2O



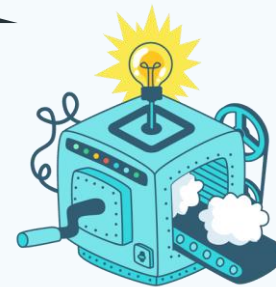
Many devices...

+



Affordable cost...

+



Practices

x



Diseases & Patients

=



x





參與式共照系統 Participatory co-care ecosystem



#Health GO

#Health KIOSK



#Coud & APP



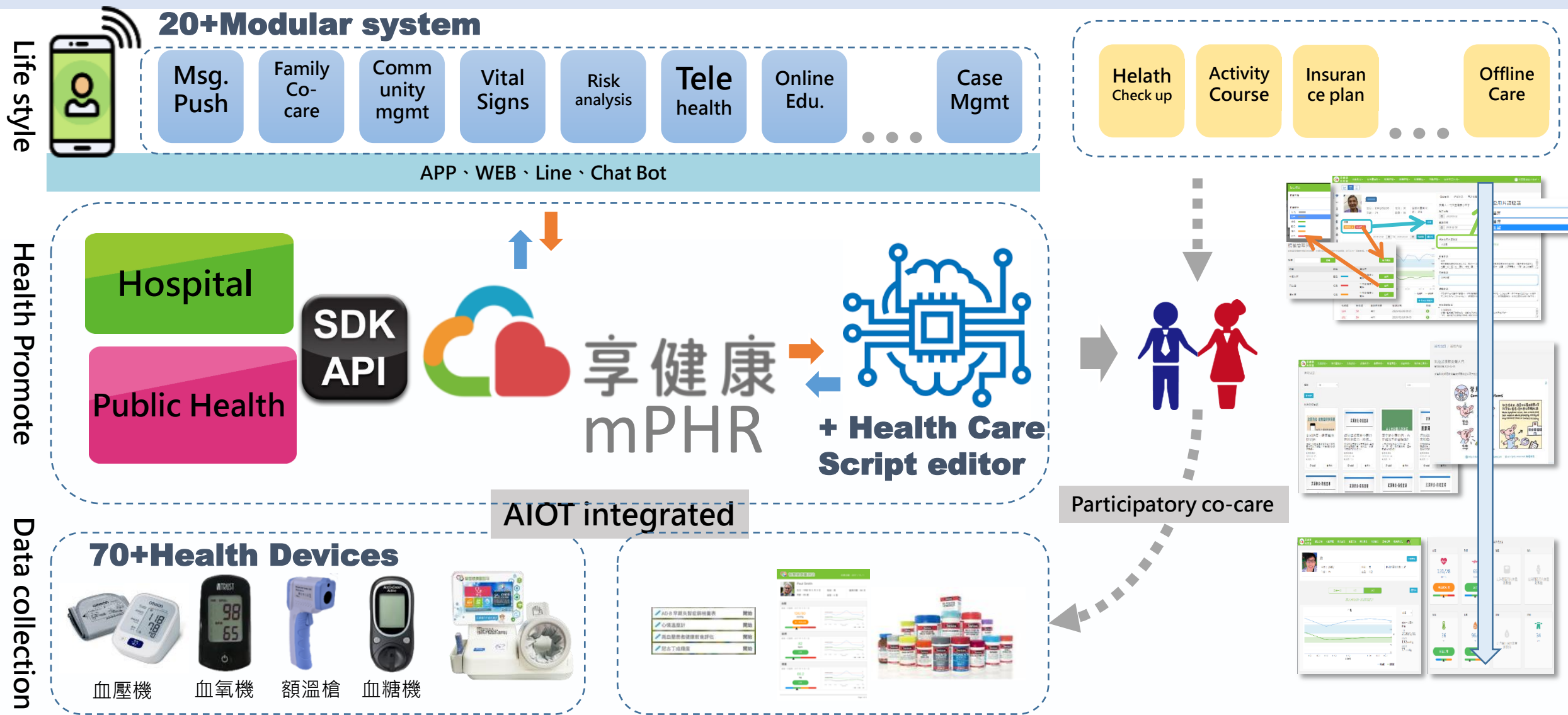
mPHR Line Chat



#Sullivance
Station



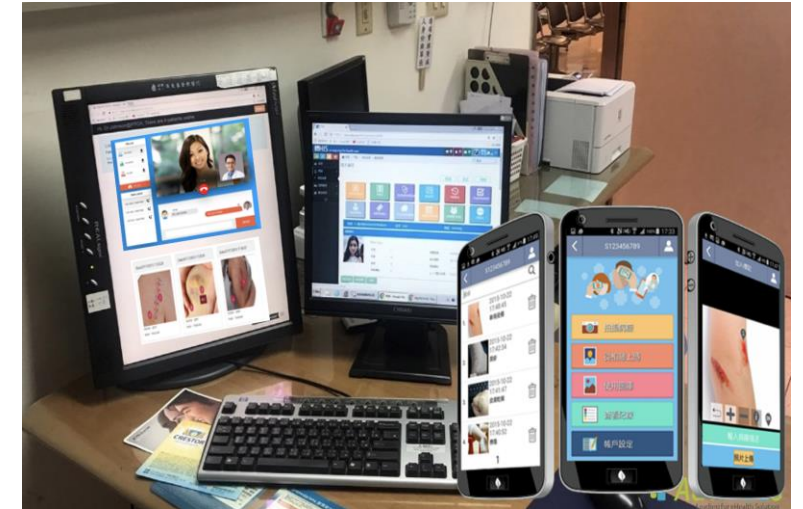
We Support your Great IDEA!





Bridge between caregiver and user

Case management, excursive course, Long-term care service matching, Telehealth with powerful AI engine editor.



AI health care QA service

Line在台灣的普及率達

92%

LINE

便捷預約 簡單回診

享健康
合作診所

金港中醫診所

立即掃描

QR code

馬上取得診所最新資訊

全年無休線上客服
Chatbot 完全不受時間的限制，與使用者有24小時的連結。

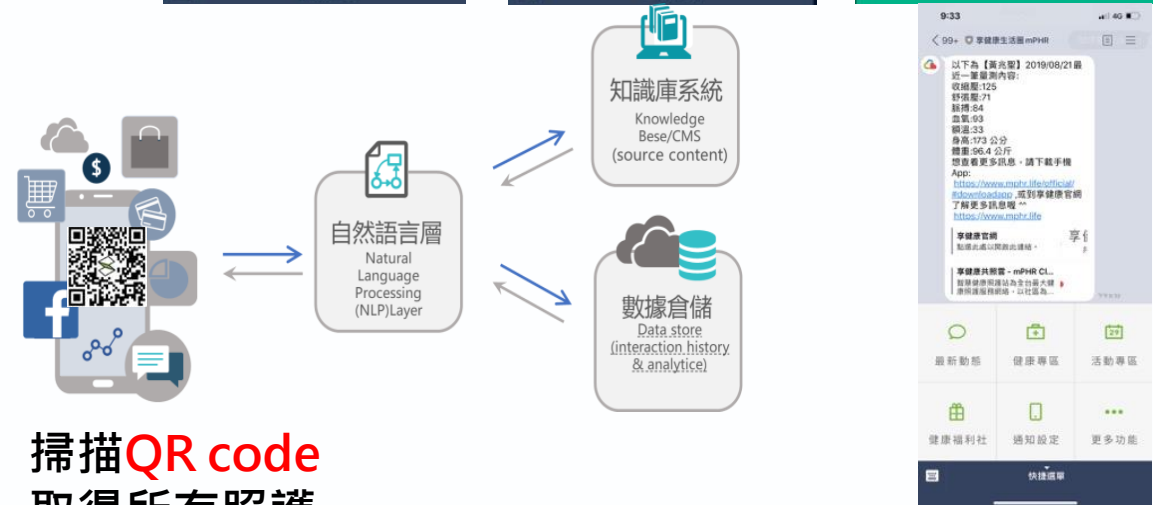
無需下載App
對消費者而言不需要額外下載新的App，降低使用門檻。

即時推播訊息
配合你的活動時間隨時推送訊息，靈活配合型銷活動。

增加與消費者互動
使用 Chatbot 能讓更多人接觸到臉書貼文，迅速讓觸及人數增長。

蒐集顧客資訊
Chatbot 可以為你搜集消費者資訊，並且分析他們的購物習慣與行為。

提升導客力
了解對你的產品或服務有興趣的使用者他們的需求，並提供相對應的服務。



掃描QR code
取得所有照護

Health GO BOX



- Based on 4G communication foundation, it can be directly connected to 5G to improve application functionality (real-time image) AI application
- Import IoT applications and integrate up to 20 physiological parameters such as health insurance cards
- Complete the integration of 3rd party system interface and integrate personal health data

mScheduler-Health Check matching service

Making appointment

The screenshot shows a mobile app interface for making an appointment. It includes fields for '報名身份' (Registration Identity) with a dropdown menu, '聯絡電話' (Contact Number), '聯絡地址' (Contact Address), '電子郵件' (Email), '健檢醫院' (Health Check Hospital), and '健檢方案' (Health Check Plan). A calendar widget is used to select the appointment date. The interface is in Chinese and includes a '可預約' (Bookable) button.

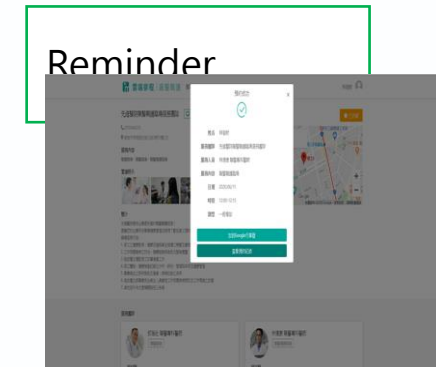
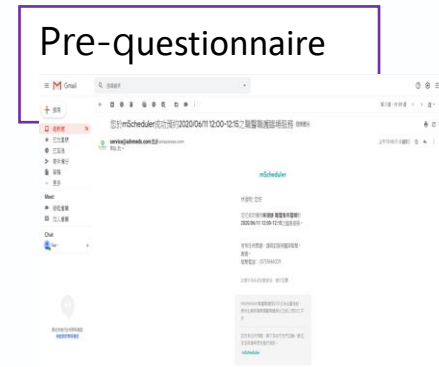
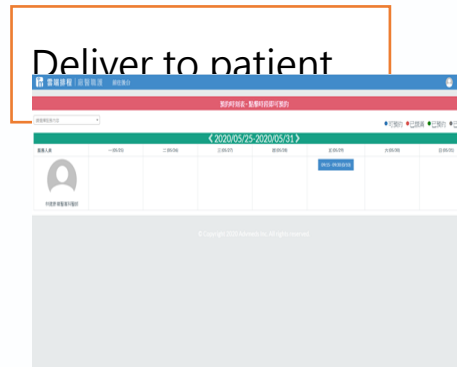
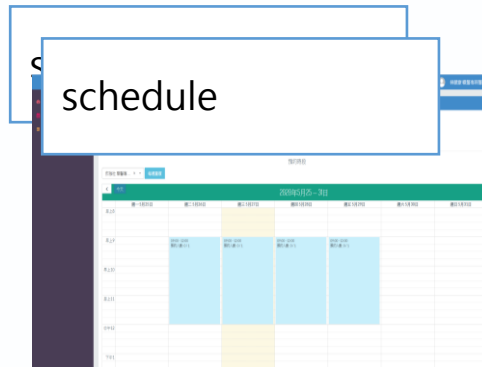
Smart guiding



一年365天、全天24小時
接受預約不間斷，有興趣的民眾可隨時隨地上網預約，並可整合LINE客服及小幫手回覆！

自動發送提醒及注意事項
可整合簡訊、LINE及EMAIL等數位化流程取代人力，節省時間、更省成本！

QR code社群工具整合
快速分享官網、社群、文宣，一掃碼立即可預約，導流曝光宣傳超便利！



5G Health Go Car

Measure data collection

Vital sign

- BP、SPO2、B/W、temperature
- EEG,ECG,EKG
- Muscle strength, bone density, autonomic nerves, etc.

Health education

materials

- Health Education
- Rehabilitation
- Activity Lecture

Clinical support

- Online consultation
- Image report
- Telehealth
- EMR
- Drug History

Clinical service

mobile

- Data collection
- SDG,AD-8,ADL,憂鬱
- Simple lab test

Communication

Cloud

- Online/offline
- Wifi,LTE, 5G
- Hospital Linked

Mobility

- Generator
- UPS
- Assembly



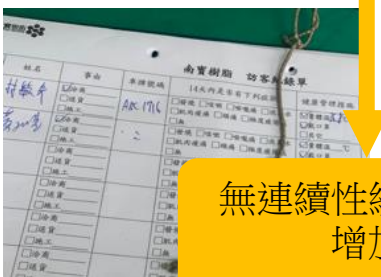
整體問題分析與對策

8成以上據有發燒症狀



量測作業大量增加額外醫護人力

實名作業繁雜



無連續性統整、紙本作業易增加感染風險

自動化設備昂貴、缺乏小區方案

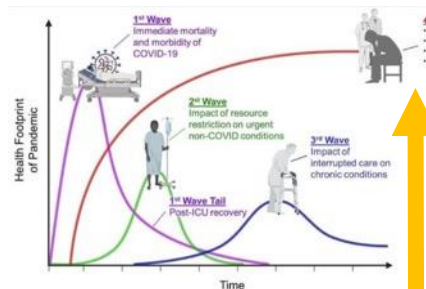


熱像儀造價高、軍區開放環境因素影響大

高風險病患管理不易



被動式疫調管理與健康照護

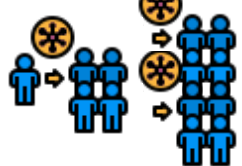


直擊里長關懷檢疫個案憂防疫漏洞

Source
記者朱淑君、郭瑋軒 / 台北報導

健康管理作業不便

疫情爆發



醫院



問題

大量數據及人員追蹤管理能量不足，未來疫情大爆發後集中在核心醫院進行醫療服務，造成醫療體系崩潰問題。

解決方案

分流醫療：推動社區、機構、醫院、防疫聯網，解決檢疫、自主健康照顧的輕症管理問題，強化醫療體系、高風險長照機構耐受度與醫療公共聯防能量。

長照機構
群體健康管理



遠距照護

低接觸式 / 資訊、資源分流

Taiwan can Help # Covid-19

Before
Manual TOCC Service, Travel,
Occupation, Contact, Cluster)



After
User Identify, Data, TOCC Auto check
collection(Questionnaire, body temp.) · AIOT
Feedback



Automation
+ AI
+ live feedback



本計畫服務情境

使用情境—早期偵測篩智能客服及AI高風險健康管理



健康諮詢
互動應用模組



健康需求導引模組

Before

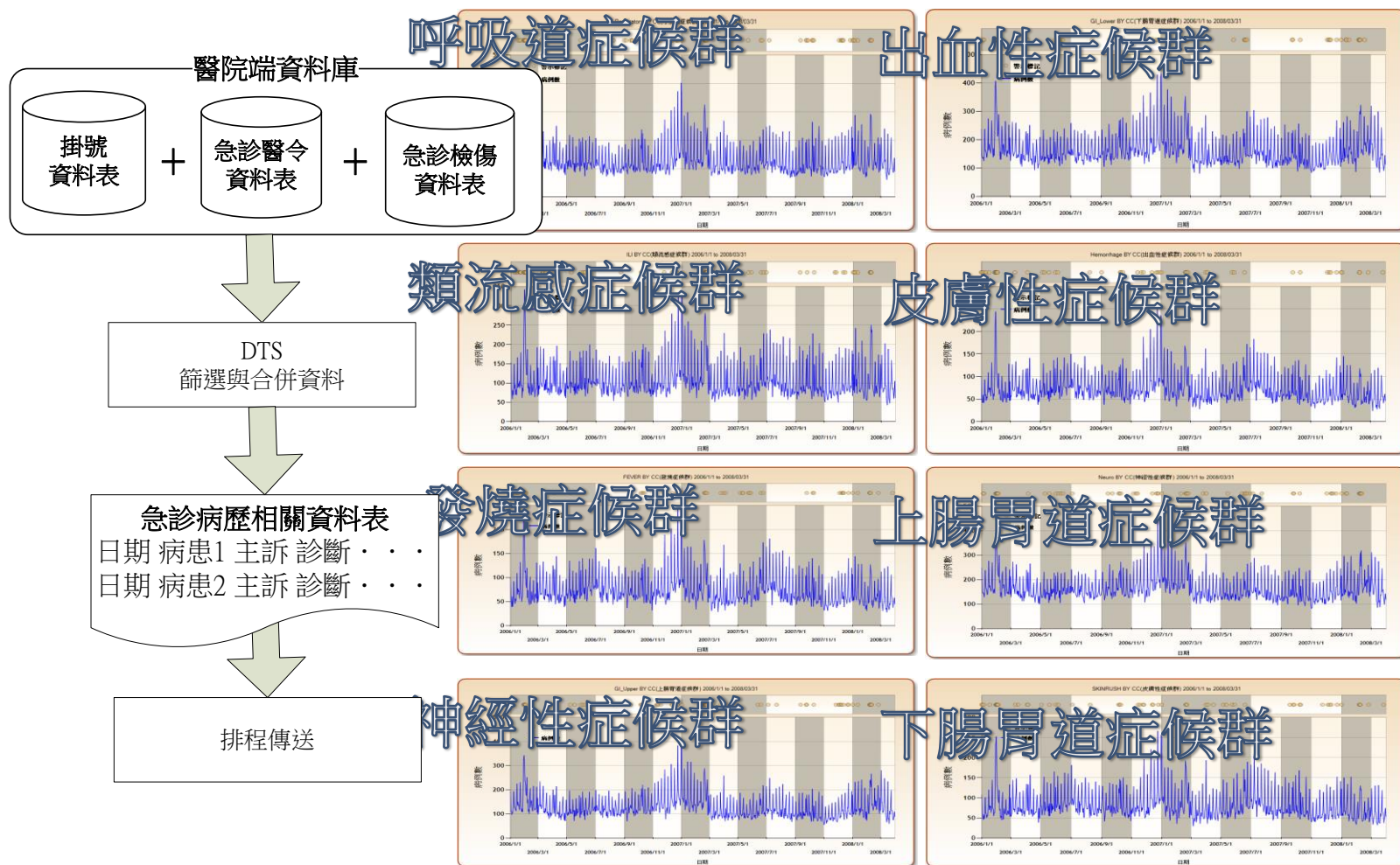
- 民眾害怕就醫(怕被隔離)
- 恐懼性就醫(大量急診)
- 心衛諮詢

After

透過智能客服提供-
每一種症狀對判斷病人是否感染武漢肺炎的
機率，包含基本的性別、年齡、過去疾病、
現在疾病都有，像是呼吸、嗅覺喪失、紅眼
症還有其他，做出一個APP，病人在家點一點
就知道自己機率多少、需不需要去急診。

本計畫服務情境-防疫戰情儀表板(台大流病所合作)

使用情境—早期預警及通報措施



(依各案)嚴重病例偵測：

症候群具有高度重視的病症定義，若發現單一病例(含多個)即馬上發出通報信件。

(依偵測方法)警示模型偵測：

透過一個或多個不同的警示模型對每日症候群病例數偵測，若於當日個案中有一個或多個以上偵測演算法皆有警訊即發出通報信件。

(依天數)天數警訊偵測：

症候群經由警訊模型偵測時，若於設定的時間範圍內有一次或多次以上警訊即發出通報信件。

(依機構)特定地點偵測：

透過不同機構(含多間)是否於同一日內，同一種偵測方法有發生警訊，即發出通報信件。

本計畫服務情境

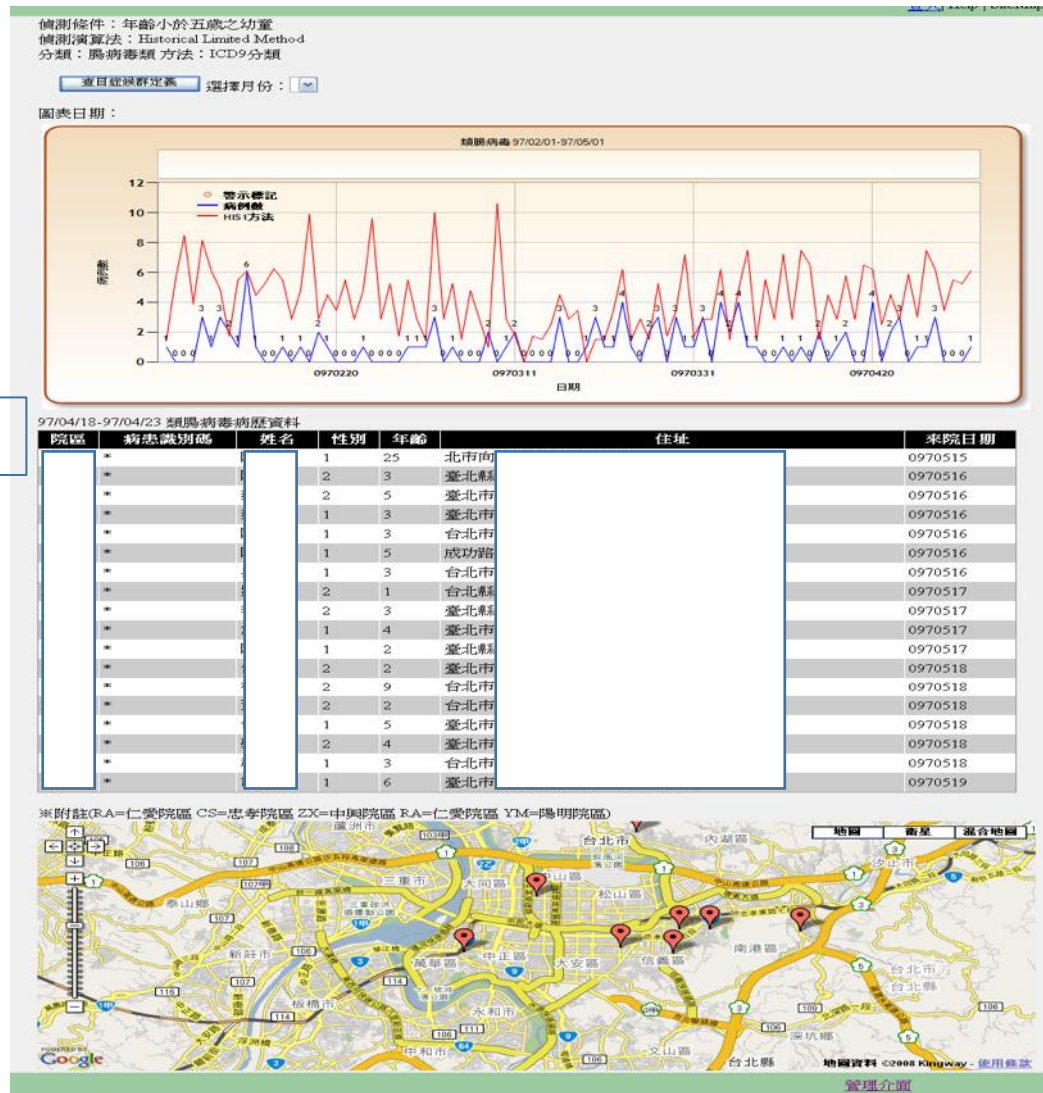
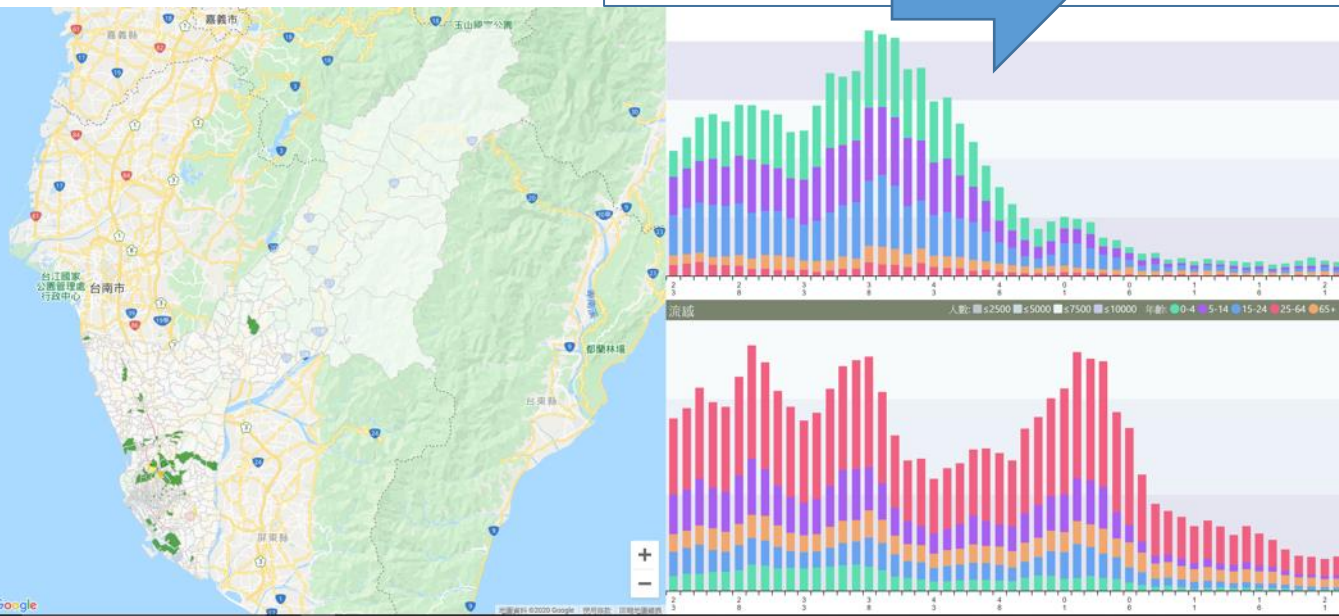
使用情境—大數據儀表版

- 客製化機構數據，員工健康狀態整合分析平台供使用者快速解讀趨勢
- 監控特定來源、結合文字探勘技術、設計分析導向視覺化BI平台
- 整合多種流型病學統計方法及查詢因子

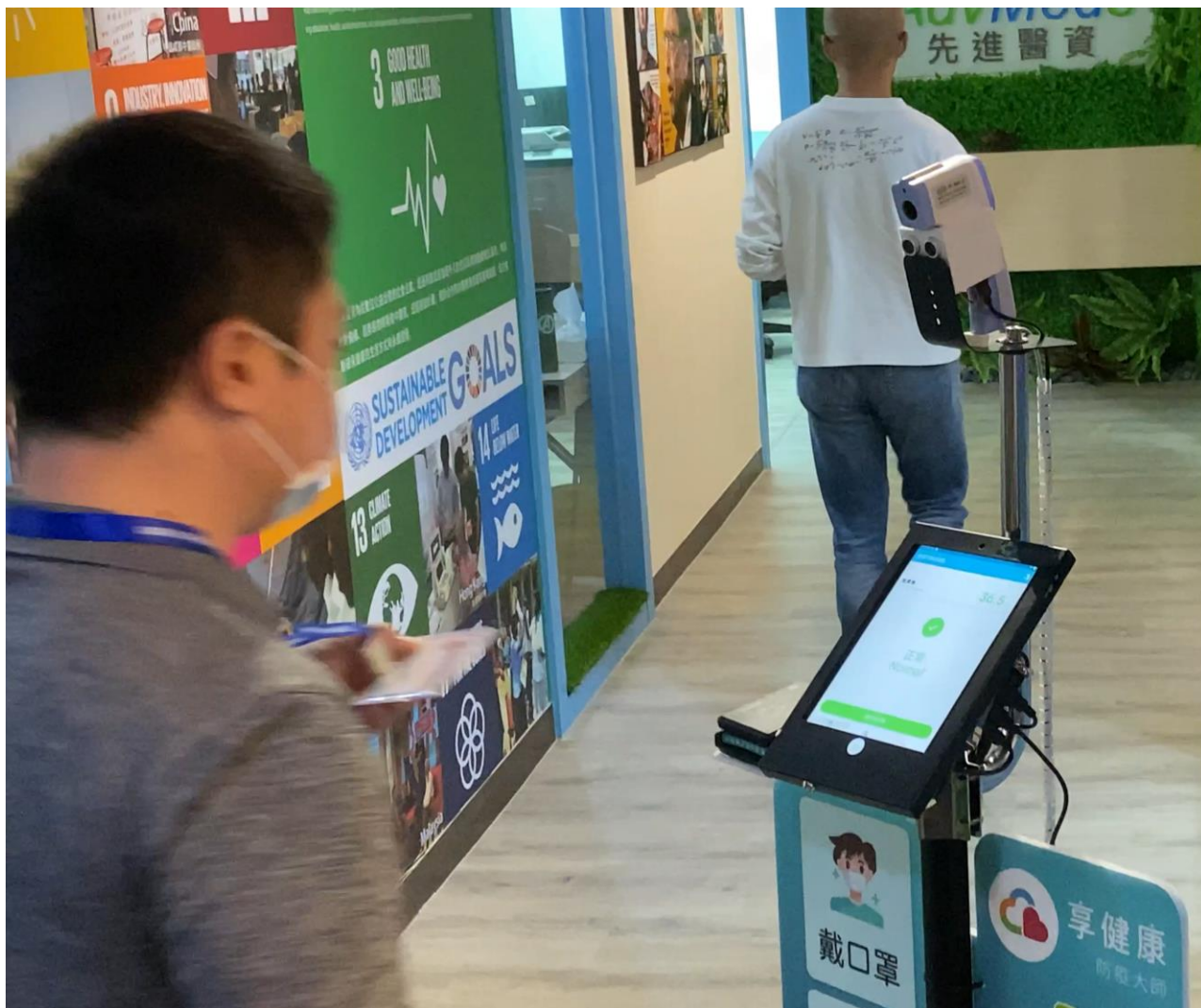
區域性數據

下探

機構端數據



情境1:員工自主量測管理



享健康 圖表分析 成員管理
體溫管理進冊

實聯制問卷新上路! 語言 享健康實聯制服務展示

請輸入姓名、識別號 2020/03/16 2020/06/16 搜尋 匯出

進階搜尋: ☐ 訪客 ☐ 職員

● 健康 ● 須注意 ● 發燒

第 1-10 / 共 29

訪	量測地點 advmeds 量測時間 2020-06-11 17:50:50	34.6 °C 健康問卷未填寫
張	量測地點 advmeds 量測時間 2020-06-11 17:02:43	34.5 °C 健康問卷通過
張 T22	量測地點 advmeds 量測時間 2020-06-11 16:33:51	34.8 °C 健康問卷通過
張 T22	量測地點 advmeds 量測時間 2020-06-11 16:32:11	34.8 °C 健康問卷未填寫
張	量測地點 advmeds	32.7 °C

未量測者

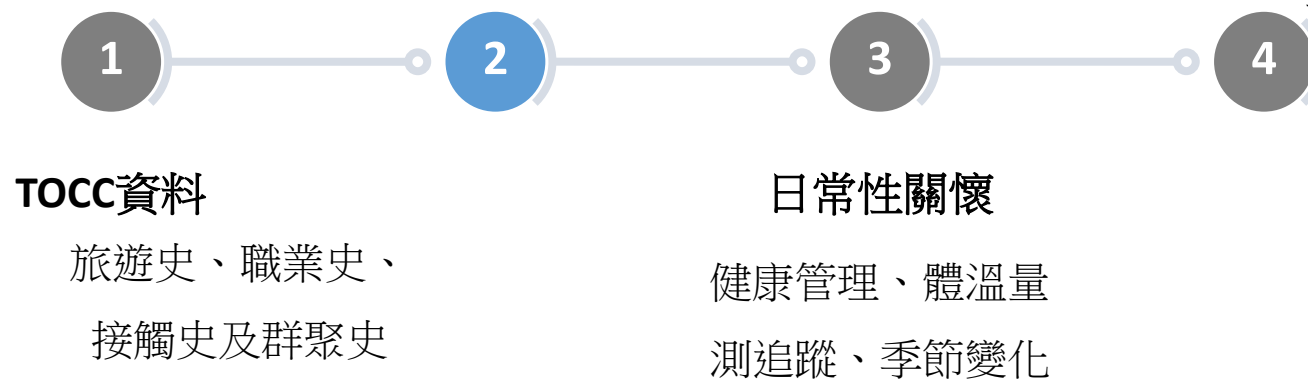
精準疫調服務模式整合

使用情境—連續性問卷量表管理及自動關聯



51勞動節
特定假日出遊史紀錄

高風險管理
照護引導、定期回報、用藥管理



享健康用戶群及快速成長，鋪建科技防疫智慧城市

👥 累積超過 300 家以上機構導入

❤️ 累積超過 2,500,000 次的量測！

👤 超過 190,000 位會員下載APP/LINE

🖋️ 註冊使用率超過 25% ！

已申請專利

-自動感應額溫計 (新型)

-智慧檢疫閘導管理系統(新型)

已創造產值

-外銷(泰國、馬來西亞、香港)



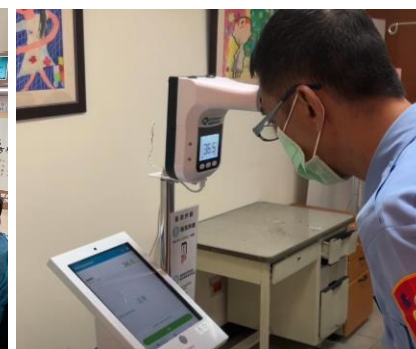
花蓮衛生局、伊甸基金會

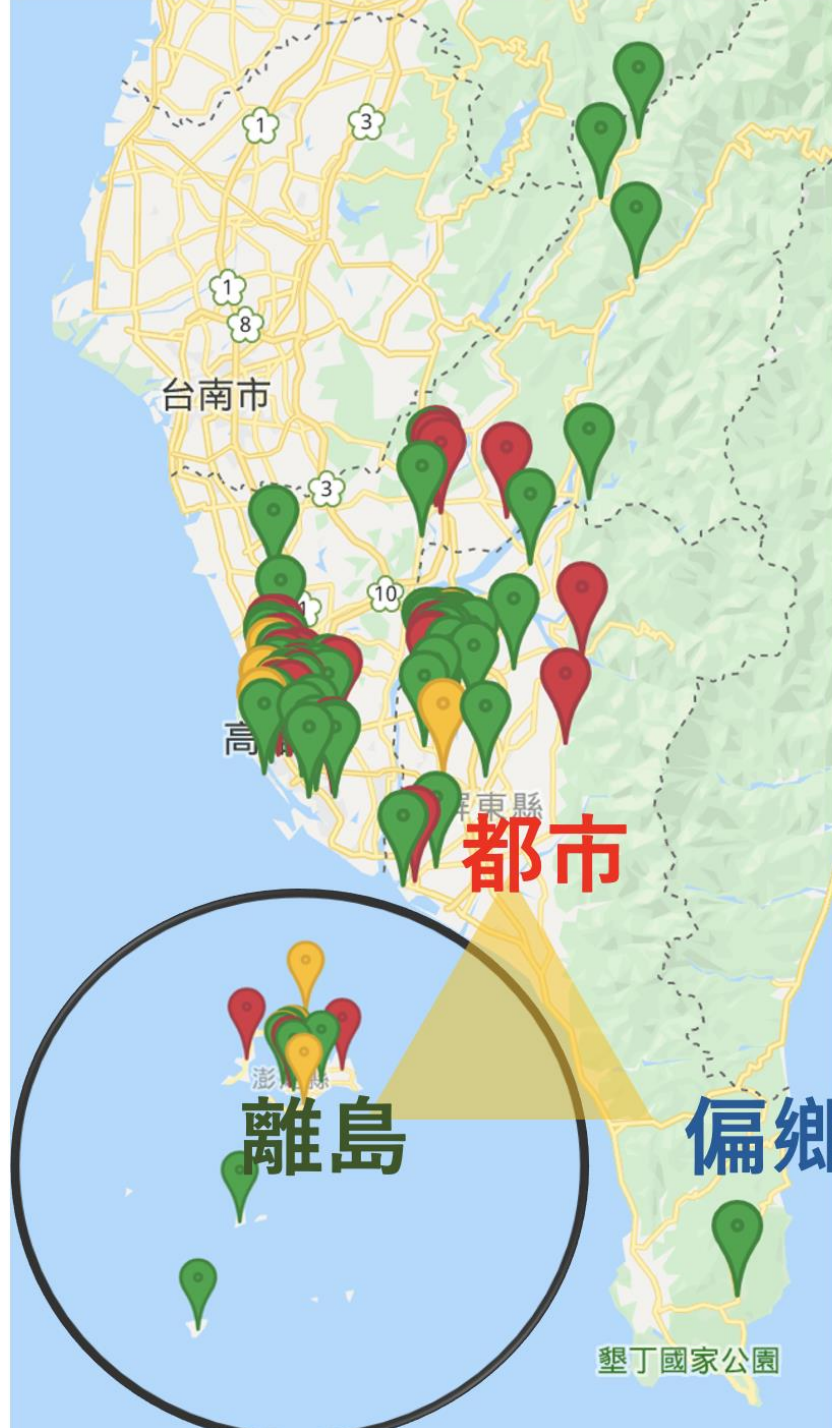


工廠、企業大樓



醫療院所(屏基、高基、旗津醫院、海左、國防部軍醫局...等)





Link with 13 City

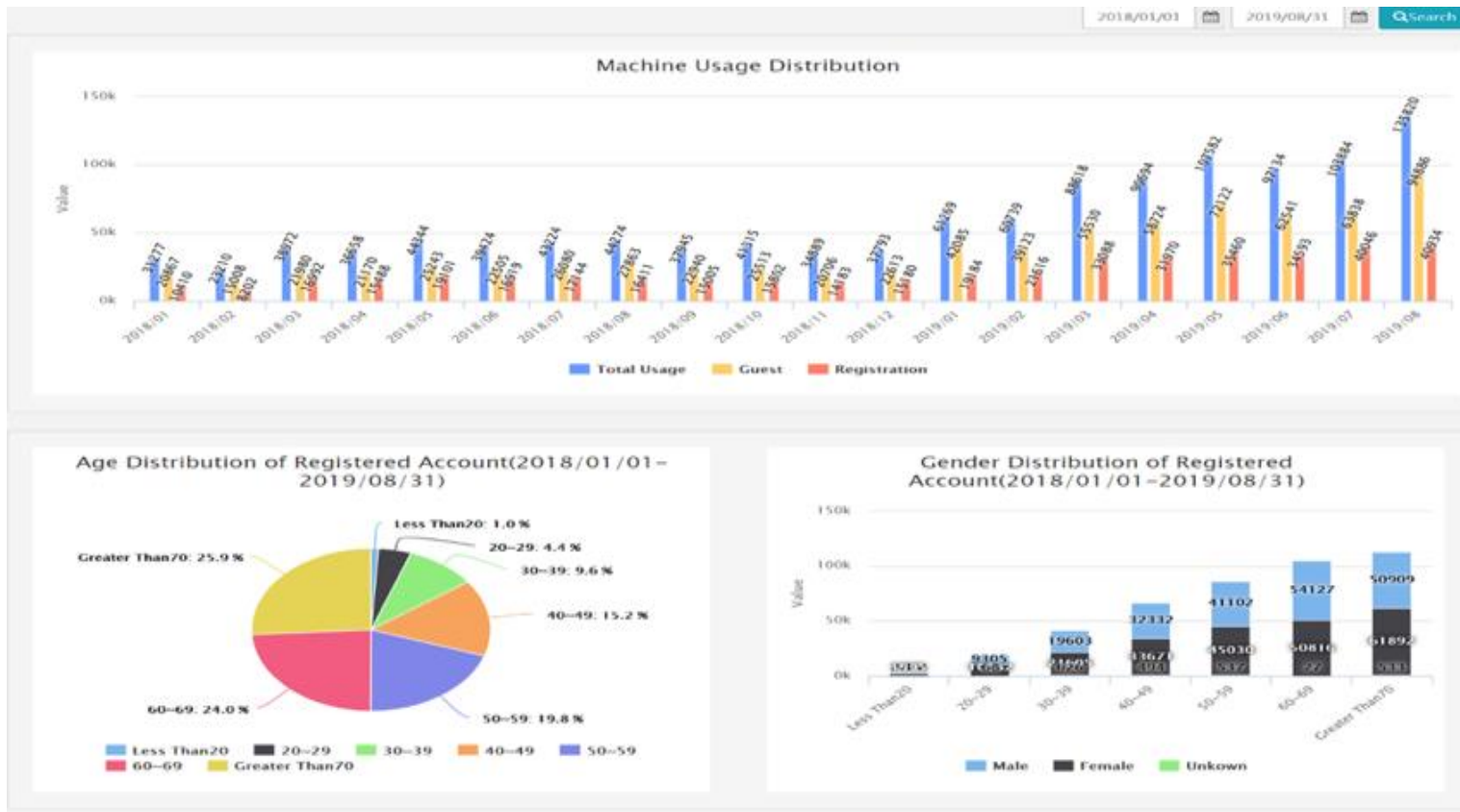
More than 500+ practice area
Hospital 30+ Clinic 350+

Intelligent maintenance and
operation management, with a
compliance rate of over 92%



mPHR in Taiwan

69% user 50+ Age , 180,000 Registered with 70,000 MAU and 210DNU
2020 User Grow 370,000



IDC Smart City Asia Pacific Awards (SCAPA 2020)

IDC Smart City Asia Pacific Awards 2020 WINNER

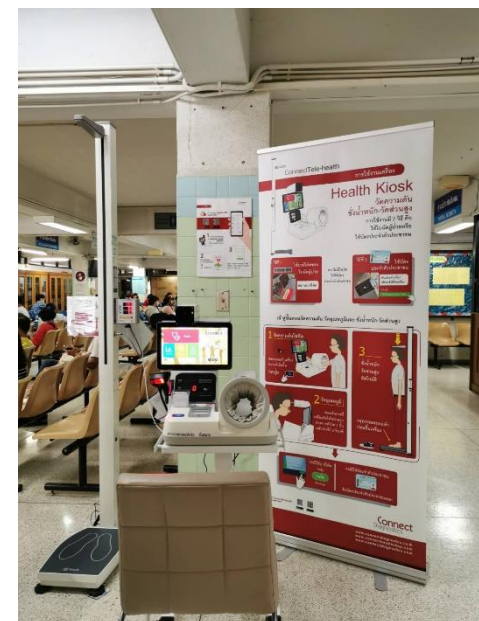
Participatory Care and Telemedicine Kaohsiung City, Pingtung County and Penghu County Taiwan

PUBLIC HEALTH AND SOCIAL SERVICES

IDC Asia Pacific, IDC Smart Cities, IDCAP

www.idc.com/ap/smartcities

Your Trust Digital Health Partner



縣市政府服務機構
高雄市智慧住宅展示區



企業機構
GARMIN 汐止廠



各級醫院
衛生福利部雙和醫院



長照機構
凱旋醫院高齡長照中心



鄰里社區
高雄市安泰社區



國際機場
高雄小港國際機場



健身中心
Anytime Fitness



連鎖量販超市
大潤發 鳳山店



連鎖藥妝店
丁丁藥局



酒店、商旅
澎湖喜來登酒店



智慧醫療 — AI視力檢測

國際醫療觀光需求描述

國際醫療產業現況

- 去年2018年據衛服部統計資料顯示，境外來台就醫或體檢人次**高達41.4萬人次**
- 國際醫療**占院內醫療醫務資源不到1%**，並未排擠國人醫療服務權益
- 近日**陸客自由行簽證暫停發放**，透過醫美體檢簽證可作為觀光旅遊業的出口，以醫療、醫美或檢觀光做為號召，運用國際醫療帶動觀光也是很好的時機點

地方推廣能量

- **醫療廣告限制**可能導致我國國際醫療服務產值在亞太地區敬陪末座
- 目前**各縣市政府協助整合行銷產業服務能量**，例如台北市、高雄市和台南市均有建立國際醫療觀光網站，協助**國際醫療服務整合推廣**有助於台灣醫療產業國際知名度

服務未來發展重點

- 針對境外來台醫療、醫美、和體檢等服務體驗，尚有許多**服務缺口造成服務斷鏈**
- 有效透過**智慧化應用協助整體服務串聯**，將是推動國際醫療觀光的下一個課題

國際醫療服務
數據應用

境外導客與入境
前後服務串流

多語服務與
行銷推廣

觀光旅遊
配套服務

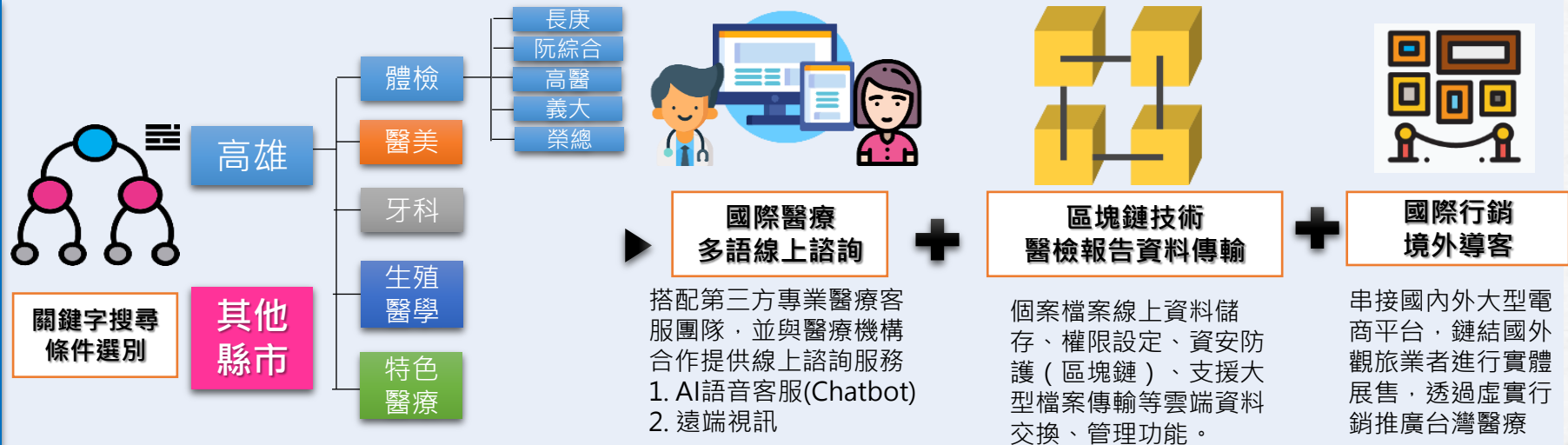


數位化國際醫療服務

特色醫療服務資料庫

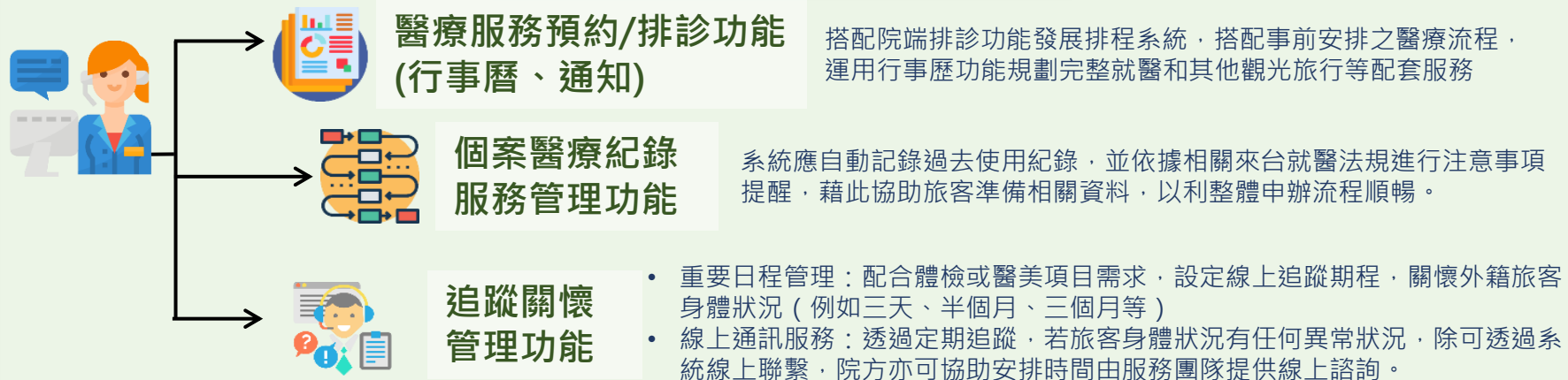
資源整合

特色醫療項目媒合



輔助支援

個案管理服務功能



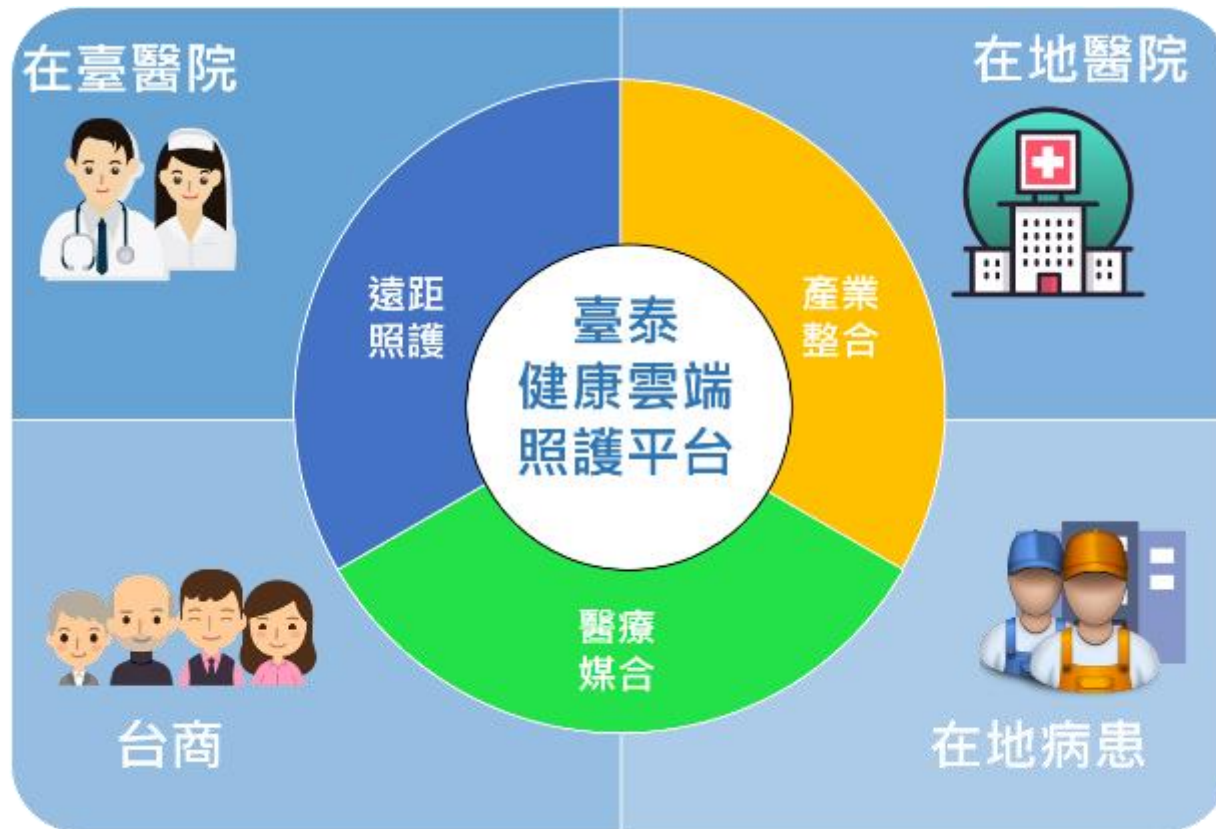
國際醫療串聯觀光服務





曼谷醫院集團診所資訊系統建置合作案
目標客戶群1000家

- 第一階段：照顧台商健康與媒合醫療需求
- 第二階段：提升在臺醫院醫療能量輸出
- 第三階段：結合在地醫院服務整合與國際醫療合作





- 
- Healthcare - the most complex enterprise in modern society – from an organizational standpoint
 - Complexity = (# of patients) * (# of diseases) * (# of medicines)

Health as a basic human need !



為世界盡一份力
那裡有需要就到那裡去



#Health as a basic human need

#Taiwan can help

[Email:Johnson@Advmeds.com](mailto:Johnson@Advmeds.com)

