



Health Watch



& Wearable Medical Device



About LEADTEK

H2 Health Band

H2 Plus Medical Watch

DxPatch

HRVm

Pulse Oximeter

Health Manager Platform

LR Ecosystem

& Healthcare Solution

Terry Kuan

Company Information

Date of Foundation: 1986/10/24

Public Listed: 1999/6/3

Paid-in capital: US\$ 18.5 Million

Code: 2465 on TSEC

Chairman and CEO: Mr. K. S. Lu

Headquarters: Taipei, Taiwan

Subsidiaries: Japan and China

Employees: 350



Branding Philosophy



Company Organization

Leadtek Subsidiaries

Leadtek Japan

Leadtek China

CEO

GM Office

Computer
Product
BU

Smart
Medical
BU

Big Data
BU

Product
Design
Center

Engineering
Division

Operation
Management
Division

TQM
Division

Admin.
Division

Finance
Division

Quality System

- ISO9001
 - Initial certificate: 1996
 - year 2015 by SGS
- ISO14001
 - Initial certificate: 2004
 - year 2015 by SGS
- ISO13485
 - Initial certificate: 2006
 - EN ISO 13485: 2016 by TÜV.



Healthcare & Medical Experience

Medical approval



amor H1



8ZP5 HRVm



HRVm II



HRV Patch



DxPatch



HRV Analyzer II



SPO2



amor H2 Plus

2015 2016 2017 2018 2019 2020



BT ECG



Kiosk



HRV PatchII



aomr H2

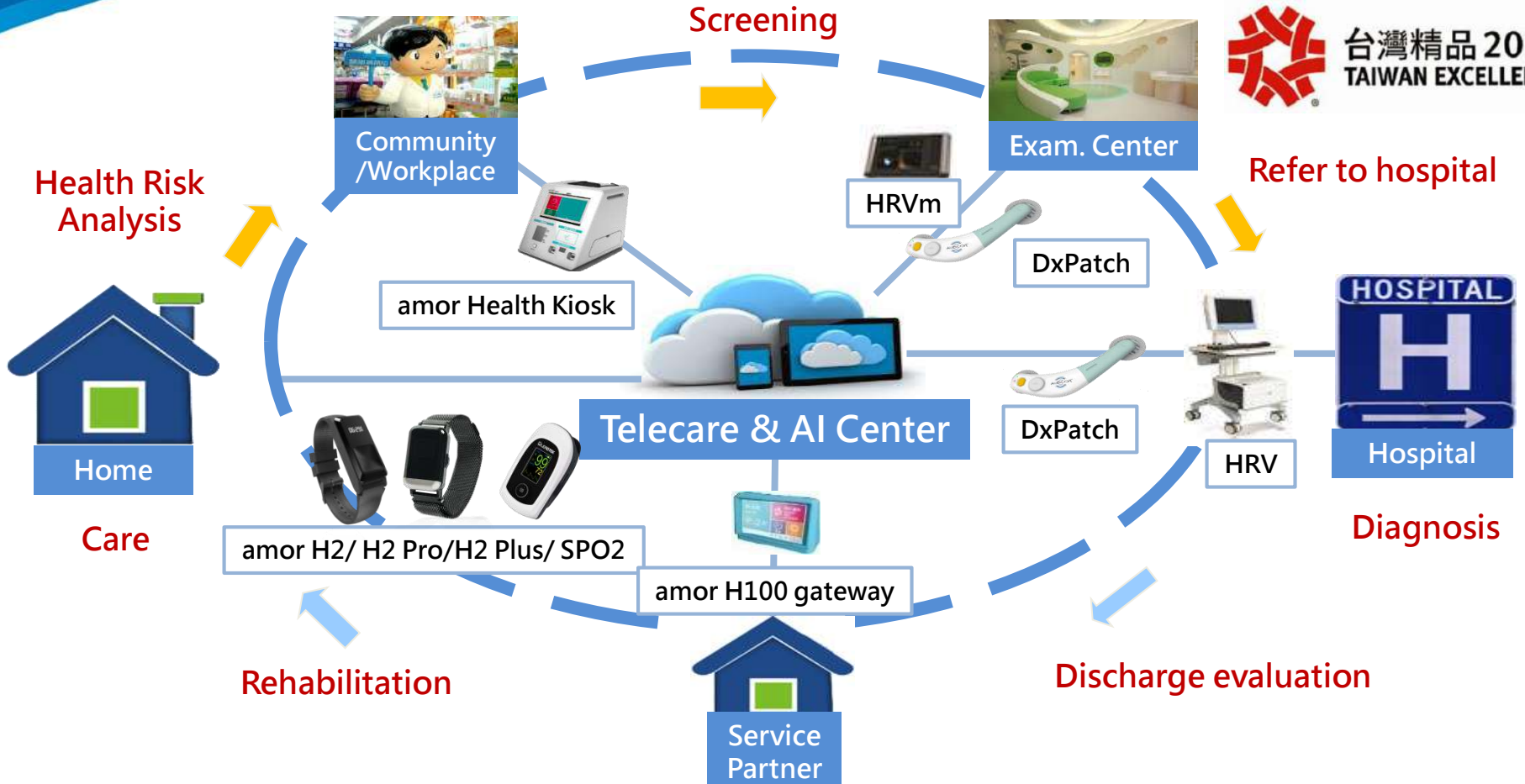


Health Kiosk



aomr H2 Pro

Leadtek Health Solutions



amor H2

Health Band



Heart
rate



Fatigue
index



Circulation
index



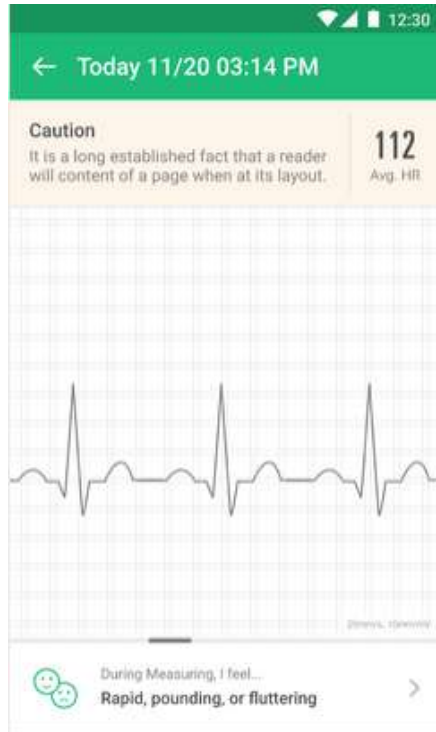
Sedentary
reminder



Sleep
quality



amor H2 Plus wearable ECG Watch



✕ Measure

During measuring,
How do you feel?

Everything is fine

Rapid, pounding, or fluttering heartbeat

Skipped heartbeat

Fatigue

Shortness of breath

Chest tightness or pain

Fainting

Dizziness

Done



- TFDA approval
- ECG record
- Event recorder
- Irregular heartbeat detection
- Index tracking
- AI notification
- My AI analysis
- health management Platform

Taiwan FDA approval

衛部醫器製字
第006790號

隨時量測心電圖

amor
H2 Plus



在短短30秒內，透過PPG光體積變化描記圖法感測與ECG心電圖感測原理，記錄個人心率，心率變異、心電圖。並透過重力感測器的偵測來計算生活型態變數(如:步數與睡眠等)的應用。

- ✓ 台灣研發製造 醫療等級專業信賴
- ✓ 穿戴醫療級心電圖 隨時隨地可量測
- ✓ 每日記錄 精準趨勢追蹤



衛生福利部醫療器材許可證



衛部醫器製字第006790號

中文名稱：麗臺穿戴心電圖記錄器

英文名稱：H2 Plus Wearable ECG Recorder

類別：第B類：心臟血管用裝置 廠商名稱：麗臺科技股份有限公司

規格：8Z37 製造廠名稱：麗臺科技股份有限公司

以下空白

製造廠地址：新北市中和區中山路二段327巷11弄2號5樓及4號5樓

效能：詳如中文仿單檢定本
處方：空白

前項醫療器材經本部審核與藥事法之規定相符應發給許可證以資證明

衛生福利部部長

陳時中



發證日期 109 年 05 月 13 日

有效日期 114 年 05 月 13 日

檢 查 展 延							
至	年	月	日	年	月	日	年
文號							

Different features of H2/ H2Plus

Item	H2	H2 Plus	Item	H2	H2 Plus
LR code	8Z36	8Z37	LR code	8Z36	8Z37
圖片 Outlook			圖片 Outlook		
顯示螢幕 Display	0.42"OLED	0.66"OLED	久坐提示 Sedentary reminder	●	●
電量 Power	150mAh	150mAh	充電方式 Charging type	Cable	Charging Stand
心率 Heart rate	●	●	支援頻繁心率偵測模式 2min heart rate mode	●	●
心電 ECG_30sec	●	●	支援全天候心率 24 hr heart rate		●
循環指數 Circulation index	●	●	支援HRV, Heart rate variability (身心活力)_3min, PPG sensor		●
疲勞指數 Fatigue index	●	●	心跳不規則 Atrial fibrillation, AF		●
身體壓力指數 eBP index		●	周報回饋 Weekly report	●	●
事件記錄 Event Record		●	AI 回饋提醒 AI notification	●	●
步數 Step	●	●	醫療認證 Medical certification		●
卡路里 Burned calories	●	●	上市時間 Time to market	2018/1/1	2020/7/1
活躍時間 Activity minute	●	●			
距離 Distance	●	●			
睡眠 Sleep	●	●			

Milestone & features on smart healthcare



Circulation
index



Exercise or
walking



Fatigue
index



Take a rest



eBP
index



Pressure
tracking



Event
recorder



Tracking
event



HRV
index



Lifestyle
tracking



ECG
waveform



Heart's
electrical
activity



AF
detection



Heart
prevention



My AI
assist



Smart
insight



B2B2C
platform



Meet
service need

Health Cloud System



DxPatch Electrocardiograph/ Phono Recorder

偵貼心



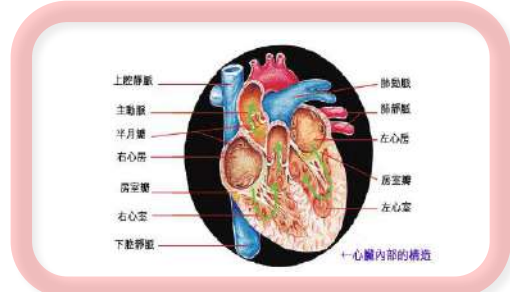
Dxpatch



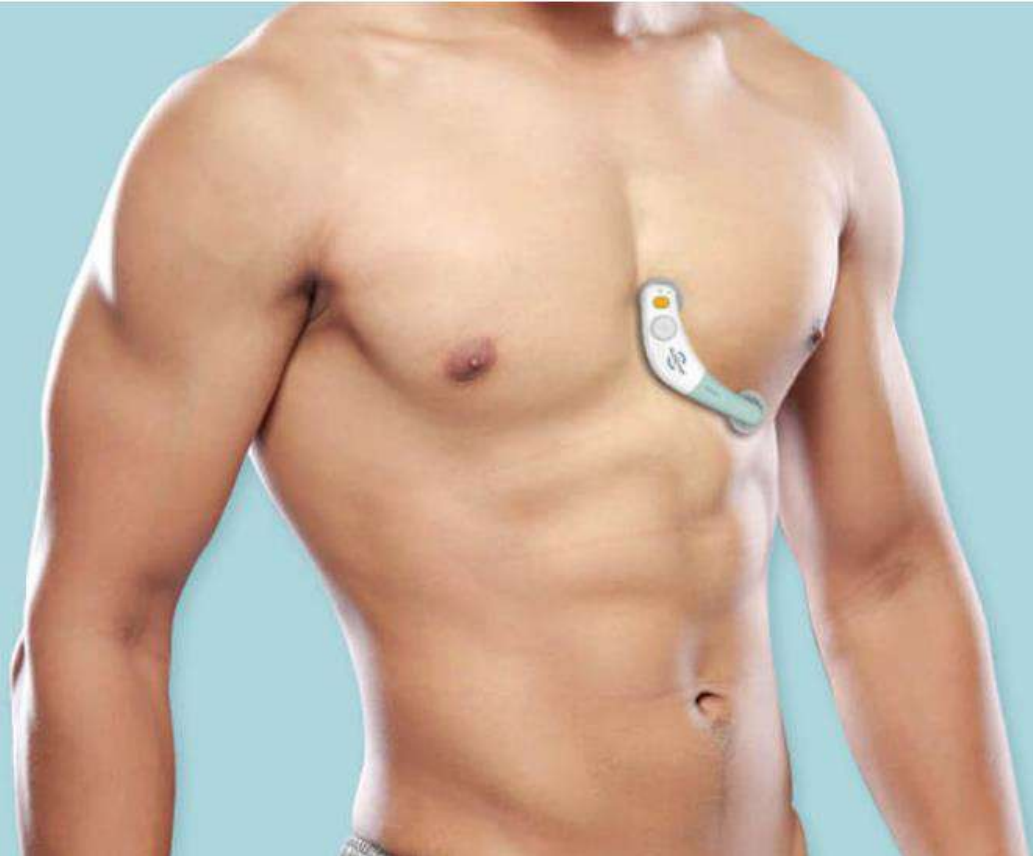
Electrical



Hemodynamic



DxPatch



ECG

Arrhythmia

Heart Sounds

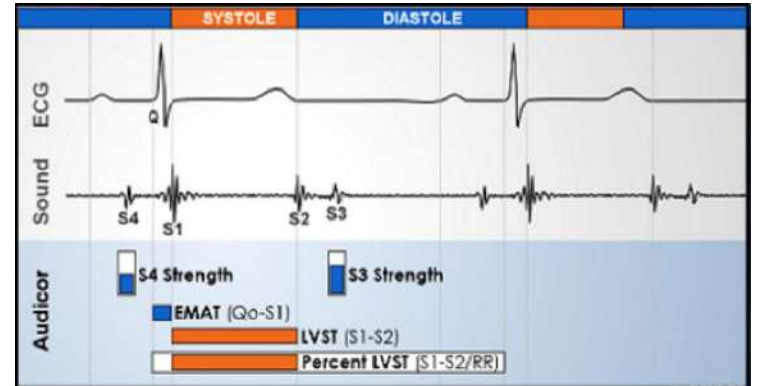


Heart Failure

Respiration



Sleep Apnea



Heart Failure Diagnostic with Dxpatch and Audicor

Dxpatch

Electrocardiograph/ Phonocardiograph Recorder

AUDICOR: Analysis software for ECG and heart sound

- ✓ Heart sound, ECG monitoring
- ✓ 10 seconds snapshot
- ✓ 24 hours ECG holter
- ✓ Sleep analysis
- ✓ Waterproof: IP55
- ✓ Wireless transmit at 2.4 GHz

Heart sound detected

S3, S4 detected (≥ 5), consider abnormal

Heart failure marker

EMAT: Electro Mechanical Activation Time

> 120 ms = poorer prognosis

SDI: Systolic Dysfunction Index

> 5.0 = EF likely < 50% (abnormal)

> 7.5 = EF likely < 35% (abnormal)



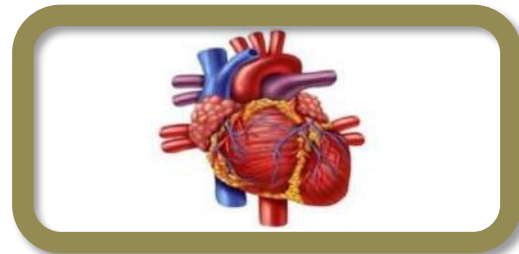
Electrocardiogram

Cardiac electrophysiology



Phonocardiogram

Haemodynamics



HRVm



Features:

- Easy to use.
- Stress, emotional, balance analysis applications.
- Aging assessment from ANS age from golden database.
- Easy to get the complete and important data of autonomic nervous system activity within 5 minutes.
- Easy understand the autonomic nervous system regulating conditions of yourself from anywhere and at anytime.
- Wireless transmission and raw data storage into micro SD card.
- Parameters are including real-time heart rate, R-R interval, average heart rate, SDNN, Tai Chi chart and heart rate variability analysis data, such as low frequency, high frequency, total power, LF%, HF%, LF/HF, and so on.

Specifications:

- ECG: Lead I
- ECG frequency: 0.05-40Hz
- Sampling rate: 512Hz
- Display: 2.8-inch LCD Panel
- Battery: 1000 mAh Li-Polymer Battery
- Size: 118.2 x 63.8 x 16.2 mm
- Weight: 125g
- Made in Taiwan

HRVm for Military System for Psychology Counselor

- HR/HRV/ECG waveform for device display
- 5 min HRV measurement for stress, fatigue, emotional index assessment
- Micro SD support & external cable support
- Specific software for report



Autonomic Nervous System Analysis with HRV(Heart Rate Variability)

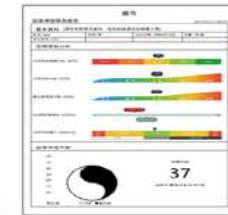
- Taiwan No. 1 leading brand in ANS field
 - More than 200 medical institutions
- HRV total solution provider
- More than 18 years experience



HRV Analyzer



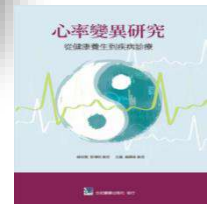
Portable HRVm



HRV Patch



HRV Software/ Cloud



HRV Book

Pulse Oximeter



AT-101

Fingertip Oximeter

Lightest OLED Oximeter
powered with only one AAA Battery



5-Directional
Key



Ingress
Protection



Graphic
Color OLED



Micro-USB
Port



Screen in
90°180°270°360°



Alarm
Function



Auto
On/off



Power by
One Battery



Quick screening



Community/
workplace



Clinic / Physical
check-up

Risk evaluation
(ECG/heart sounds/
lifestyle tracking/
fatigue index/
circulation index/
body pressure index/
blood pressure/sleep)



Referrals



Hospital



Household



Health examination at hospital

Rehabilitation at home



Care at home
(Daily measurement, such as
health band, blood pressure)

Hospital discharge risk assessment
(To avoid hospital readmission soon)

amor Physical and Mental Management Platform



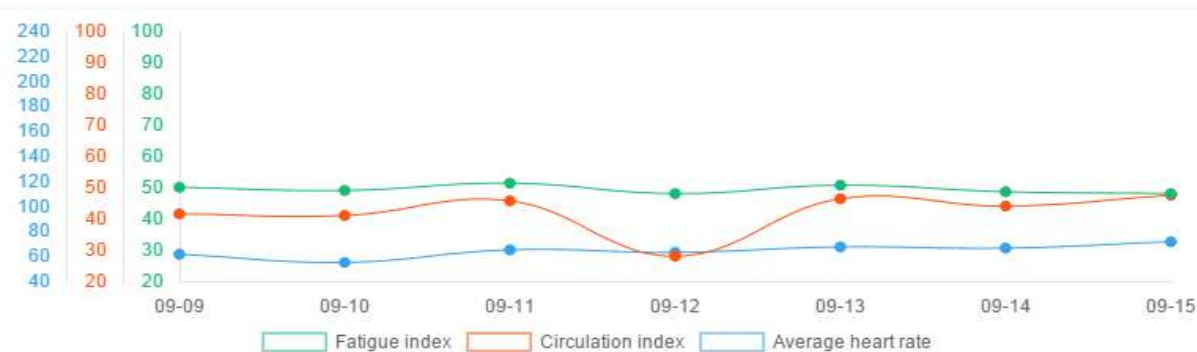
台灣精品 2020
TAIWAN EXCELLENCE



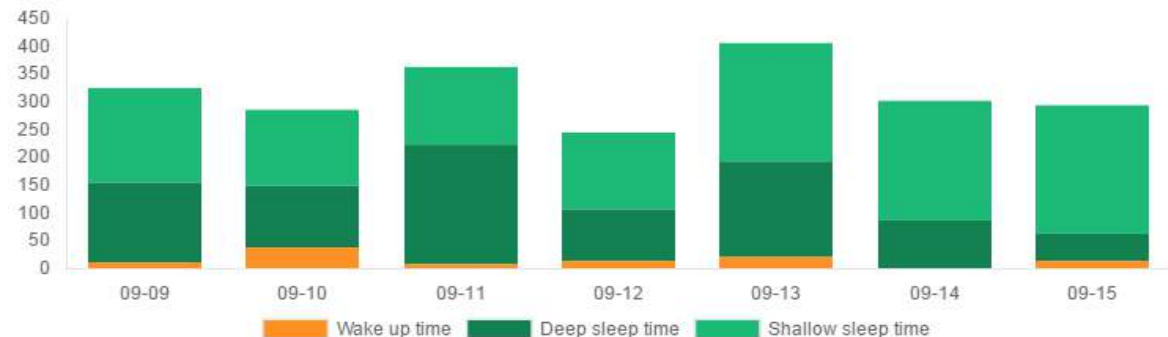
Health Manager Platform

📍 Address	
H2 health band information	
	🔄 Synchronization history
👤 Current status	Using 2018-09-15 12:27:08 Last update
🔋 Battery status	90.00%
📶 MAC Address	00:30:04:17:CF:B4
📦 Firmware version	8Z36_1.20180907 (73)
📱 APP version	3.0.55

😊 Fatigue / Circulation index



🛏 Sleep



Health Manager Platform_1

Jimmy
Leadtek health card : 59716994



麗臺科技 ★ VERIFIED ACOCUNT

✉ E-mail	jimmy0803@gmail.com
📏 Height	171.00 cm
📊 Weight	77.00 kg
📅 Date of birth	1966/01/01
☎ Phone number	
📍 Address	

📌 H2 health band information
🔄 Synchronization history

👤 Current status	Using 2018-09-15 12:27:08 Last update
------------------	---

📈 Data trend 2018-09-09 ~ 2018-09-15

📧 E-mail friendly reminder

Search period :

🏃 Amount of activity +

😊 Fatigue / Circulation index +

🛌 Sleep +

💓 Combat power / sleeping power / physiological age / SDNN heart rate variability +

❤️ Third heart sound / fourth heart sound / SDI systolic dyssynchrony index / EMAT electromechanical activation time +

💓 Heart rate +

📊 Weight +

❤️ Blood pressure +

📏 Blood sugar / blood oxygen +

🌡️ Body temperature +

🥗 Cholesterol +

🍷 Uric acid +

Ecosystem of Leadtek Healthcare Cloud

BIG DATA & AI

Health Risk Assessment



Health Risk Assessment

Health Call Center



amorRunner Cloud



IOT

Medical Assessment

Clinic medical assessment
Assess ANS, heart sound, ECG



Wearable heart sound,
ECG recorder



Medical grade ANS assessment



Portable ANS assessment

Medical Assessment

Weight/Blood Pressure/Blood Glucose
SPO2/Temperature/HRV/ECG



Pulse Oximeter



Thermometer



amor H100
Cloud Gateway



Blood Pressure Meter

Blood Glucose/
Uric Acid/Cholesterol



amor Health Kiosk



SPO2

Preventive Healthcare

Improve Autonomic Nervous System (ANS),
blood circulation, metabolism, sleep quality



Far infrared nano band



ANS supplements



amor H2 health band



Leadtek Smart Medical Solution in Taiwan

- Autonomic Nervous System Analysis (HRV Analyzer)
- Heart Failure Diagnosis (DxPatch)

衛生福利部雙和醫院
Taipei Medical University
Shuang Ho Hospital

臺北市北投健康管理醫院
Taipei Beitou Health Promoting Hospital

新竹科學工業園區員工診所
Hsinchu Science Park Clinic

敏盛醫療體系
Min-Sheng Healthcare

臺中榮民總醫院
Taichung Veterans General Hospital

員林基督教醫院
Yuanlin Christian Hospital

衛生彰化醫院
福利部
CHHW

高雄榮民總醫院
Kaohsiung Veterans General Hospital
高質服務、核心創新、榮耀生命、德歸愛心

臺北市立萬芳醫院
TAIPEI MUNICIPAL WAN FANG HOSPITAL

臺北市立聯合醫院
TAIPEI CITY HOSPITAL

臺北榮民總醫院
Taipei Veterans General Hospital

馬偕紀念醫院
MacKay Memorial Hospital

彰化基督教醫院
Changhua Christian Hospital

台大醫院
國立臺灣大學醫學院附設醫院
NATIONAL TAIWAN UNIVERSITY HOSPITAL

長庚醫療財團法人
CHANG GUNG MEDICAL FOUNDATION

中山醫學大學附設醫院
China Shan Medical University Hospital

長庚醫療財團法人
振興醫院

高雄榮民總醫院
高雄榮民醫院
高雄榮民醫院

高雄榮民總醫院
高雄榮民醫院
高雄榮民醫院



亞東紀念醫院
FAR EASTERN MEMORIAL HOSPITAL

天主教耕莘醫療財團法人
耕莘醫院
Cardinal Tien Hospital

臺安醫院

秀傳醫療社團法人秀傳紀念醫院
Show Chwan Memorial Hospital

台北市立醫院(委託秀傳醫療社團法人經營)
Taipei Municipal Hospital (Managed by Show Chwan Memorial Case Corporation)

佛教慈濟醫療財團法人
Buddhist Tzu Chi Medical Foundation

國立陽明大學附設醫院
National Yang-Ming University Hospital

中國醫藥大學附設醫院
China Medical University Hospital

崇新診所

君綺醫美
King Chi

立達診所
LEADERCLINIC

國泰健康管理
Cathy Healthcare Management

聯安診所

屏東基督教醫院
財團法人
PINGTUNG CHRISTIAN HOSPITAL

衛生福利部
屏東醫院
Pingtung Hospital