



HealthTech

!TVV Wow ! Taiwan Project

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Wow! Taiwan Project



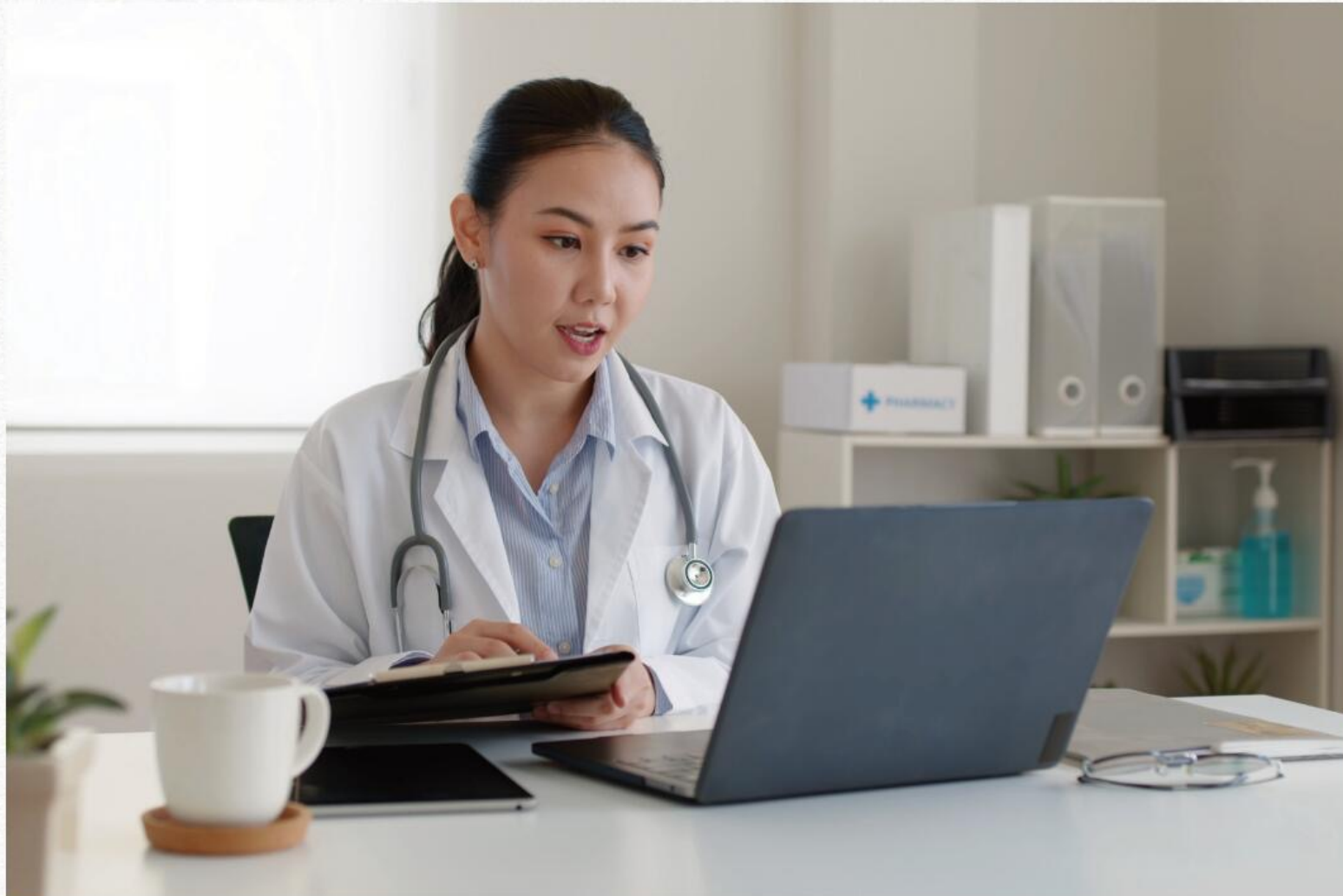
Wow! Taiwan Project selects the most innovative and cutting-edge products and technology solutions from Taiwan. We aim to connect suppliers and buyers all over the world to do business.

Founded by BOFT (Bureau of Foreign Trade) and implemented by CDRI (Commerce Development Research Institute), Wow! Taiwan Project has created a safe online D2B (Direct to Business) platform for buyers and suppliers to exchange and connect, ensuring business growth is guaranteed through customized services.

HealthTech Solutions

Provide telemedicine, medical equipment & solution, and assistive device. We ensure real time, safe, precise and effective medical services.

Solution 1



Telemedicine



In Taiwan, the integration of medical technology with digital systems has improved the usability and accuracy of remote healthcare. Besides improvements in healthcare accessibility, more importantly it reduces the workload of physicians and provides patients with the most up-to-date medical care and assistance.



BROADSIMS Inc. is a new startup in the medical electronics industry, focusing on cutting-edge medical technology and medical regulations. Founded in 2017, we aim to achieve excellence in technology and service integration in the Asia Pacific region by 2020 and establish an equivalent value service chain in Europe and the United States.

Our team members come from medical regulatory verification, instrument and equipment development, and industrial automation, with more than 10 years of design experience in the hardware, and software of medical equipment.

As the global healthcare industry grows rapidly, we can provide highly integrated and value-added services that increase the value of the medical industry and accelerate the pace of global promotion. BROADSIMS is the first company to provide an APP-Installable 5G vital-sign solution as an open-innovation platform (5G-VSP), including ECG, SpO₂, and NIBP functions for clinical research and care providers, offering 2 product series (PDK & MDK). Vital-sign signals in 5G-VSP are medical-grade compliant and allow opening raw-data to 3rd-parties installing their own APP. All measurement history is available any time, creating a smart medical ecosystem.

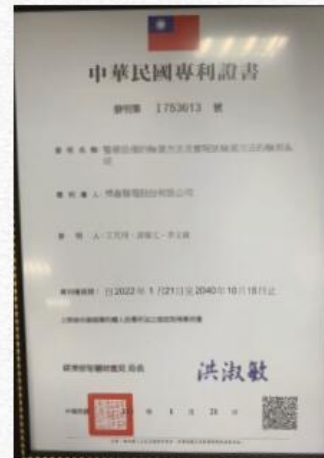
We Make Quality Visible



- Platform Development Kit (PDK) is a patient monitor platform that provides a series of scalable physical parameter sensors :

- (1) Fully access to raw data and raw waveform
- (2) Medical grade signal quality
- (3) Advanced 5G mobile telecom enabled
- (4) APP-enabled open development environment

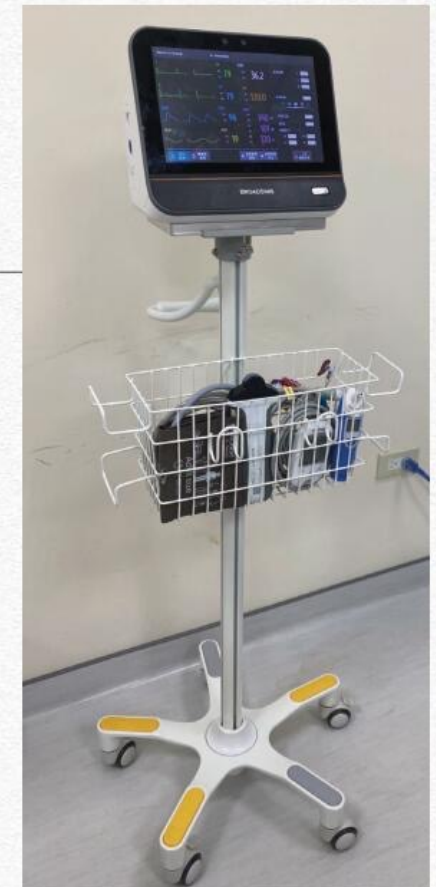
Patent & Award



TW Patent

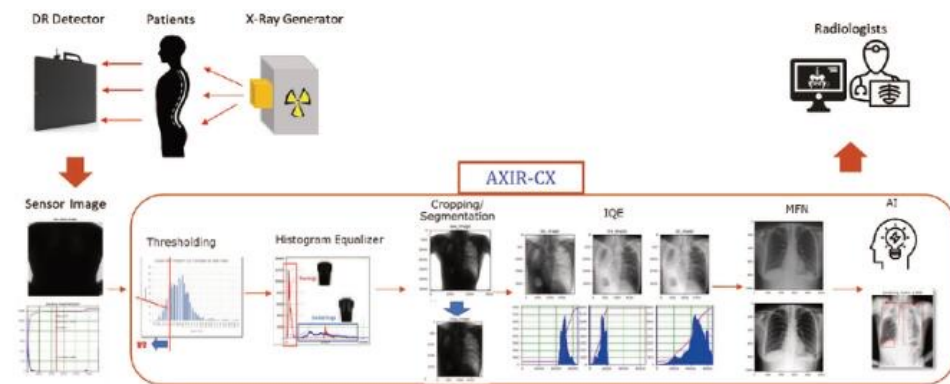


We Innovators Award





We're a public company with US\$1.6 billion revenue in Taiwan. Our main service/product is in the semiconductor industry. We're one of the biggest suppliers for TSMC and have presence at more than 100 locations worldwide. Moreover, we have utilized the technologies (R&D/software) we have for automation and apply them to medical & lab equipment. The medical devices are manufactured in our factory in Hukou (Under ISO13485). We're now providing a complete solution for digital radiography including portable X-Ray system with reading services. We're aiming for the global markets.



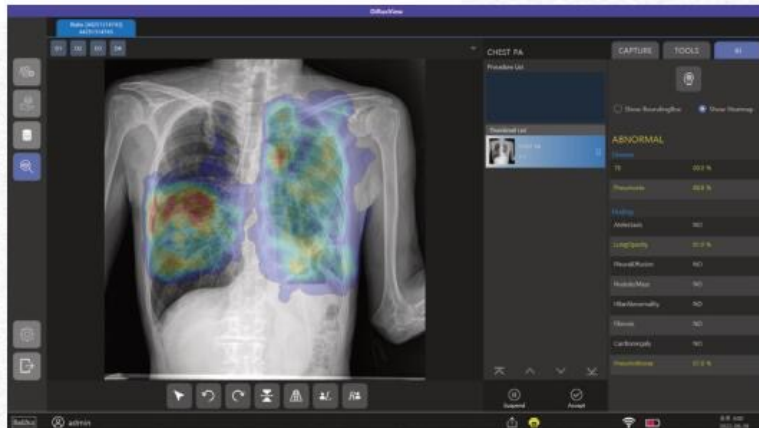
AXIR-CX™ Image Pipeline

AI-Empowered, AI-Embedded



Radisen since its inception has been working to unleash the hidden power of digital radiography by its unique AI technology. Radisen's AI assisted automatic X-ray image reader (AXIR™) directly reads machine images generated from X-ray sensors and can detect small abnormalities in X-ray images with high accuracy beyond human perception capability. AXIR™ when embedded in Radisen's digital X-rays can provide point-of-care X-ray services to the people in the areas where radiologist are not readily available. Radisen with its AI technology now opens up a new horizon for digital radiography.

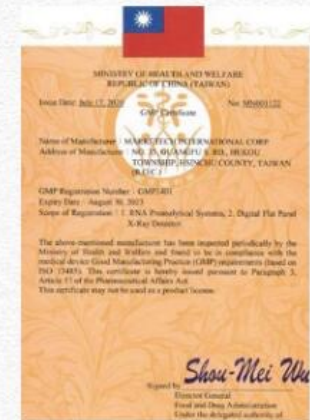
Certificate



EC



ISO13485



TFDA

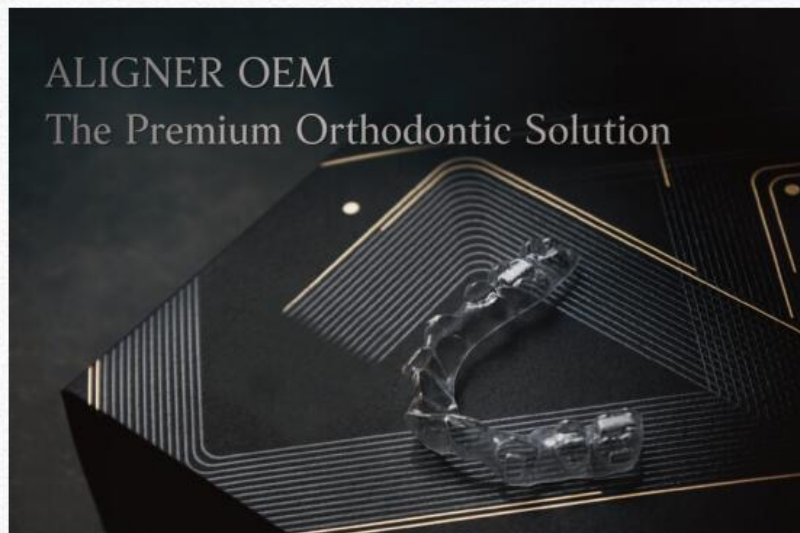


Founded in 2015 by a dentist-CEO, dentall Co., Ltd. is proud to be Taiwan's leading one-stop dental platform, spearheading the integration of digital solutions and AI applications in dentistry. Our vision is to be committed to pursuing advancements in dentistry and technology, providing exceptional innovations and services to the global dental industry.

Today, our platform boasts over 8,000 dentists, representing 50% of the Taiwan market, and caters to 1,500 clinics with a vast selection of 1,000 dental products through our seamless e-commerce system. Additionally, we offer an extensive array of 600 online and offline training courses. In 2022, dentall established a new corporate headquarters and introduced the group concept of "dentaverse", integrating resources and energy from the past seven years of entrepreneurship. This helps us expand our target audiences from dental professionals to the general public, completing the vision of a B2B2C global dental information service platform.

To expand into the global market, we established our representative office in Vietnam in 2019. We are currently seeking partners at any level to replicate our thriving business model in Southeast Asian countries, with Vietnam being our top priority.

An all-in-one solution for dental professionals



dentall established its representative office in Vietnam in 2019 and currently offers a wide range of products for the market as follows:

1. Clear Aligners OEM

As an OEM, dentall produces Clear Aligners with high quality and reasonable price, meeting dentists and patients' requirement for a perfect smile.

2. Biomate Swiss Implant System

Applying PDL surface treatment, Biomate is considered as the cleanest dental implant system, boosting bone healing and cell adhesion.

3. Poseident - dental highspeed handpiece

Poseident handpiece delivers a well-coordinated and exceptional performance in terms of rotation speed, torque, stable axis, operation feel, low noise, and cooling.

4. Clinic Setup and Consulting

We provide all-in-one clinic setup and consulting services, tailored to clients' unique needs and goals.

5. dental education platform

With online and offline courses, dentall is expected to keep dental practitioners informed of the latest advancements in oral health.

Get in touch with us today so that we can help take your practice and business to the next level!

Email: BD@dentall.io





IBASE Technology specializes in the design and manufacturing of robust industrial PC products, delivering high-quality products and excellent service since its establishment in 2000. IBASE carries out manufacturing and quality control at its own facilities in Taiwan that are certified with ISO 9001, ISO 13485, ISO 14001 and ISO 27001 standards. Current product offerings comprise x86- and RISC-based industrial motherboards, embedded systems, panel PCs, digital signage players, and network appliances for applications in the AIoT, industrial automation, smart retail, intelligent transportation, networking & communication and medical sectors. The company is publicly listed in the Taipei Exchange (TPEX: 8050) and is now a leading global provider of innovative industrial and embedded computing products.

Backed by a robust R&D team, IBASE is now a leader in designing and developing products that integrate cutting-edge technology, meet unique and specific requirements in both standard and custom products, and fast time-to-market. IBASE's R&D team boasts of talented electronics, layout, system, mechanical hardware, BIOS, firmware as well as software engineers. Half of the team are seasoned with more than 20 years of experience in their respective fields, while the other 45 percent carry more than five years of experience.

IBASE has three manufacturing sites in Taiwan, with two in New Taipei City and another one in Taoyuan City. We design, manufacture and implement strict quality control to supply excellent industrial computer products 100% made in Taiwan. In addition to off-the-shelf products, IBASE also specializes in ODM/JDM and design-in full design services, tailoring products to fully meet customers' expectations and the needs of various applications. With manufacturing and quality control capabilities recognized by major international companies, IBASE boasts of strong innovative R&D teams and flexible & timely products delivery.

21.5" Medical Panel PC



The EN60601-1 certified UMT-7212 is a 21.5" full-flat medical panel PC designed for hospital patient infotainment system for the clinic, bedside or waiting areas to provide clinical data, medical records management, or simply infotainment. This slender full-flat multi-touch fanless panel PC has IP65 protection against particles and water, and capacitive control keypads for power and brightness/volume settings. Supporting 90V~240V AC and isolated Ethernet, the unit has extra I/Os and one PCI-E (x4) expansion slot for customer-desired peripherals.

The system is based on the 6th Gen Intel® Core® i5-6300U processor. It offers diverse installation options, providing more convenient installations in wards, nursing stations or inspection centers to improve data access efficiency and optimize workflow. It is easy to clean and has a borderless design, an easy-read display, a responsive touch interface, and a sealed enclosure that prevents liquid splashing, ensuring continuous system operation.





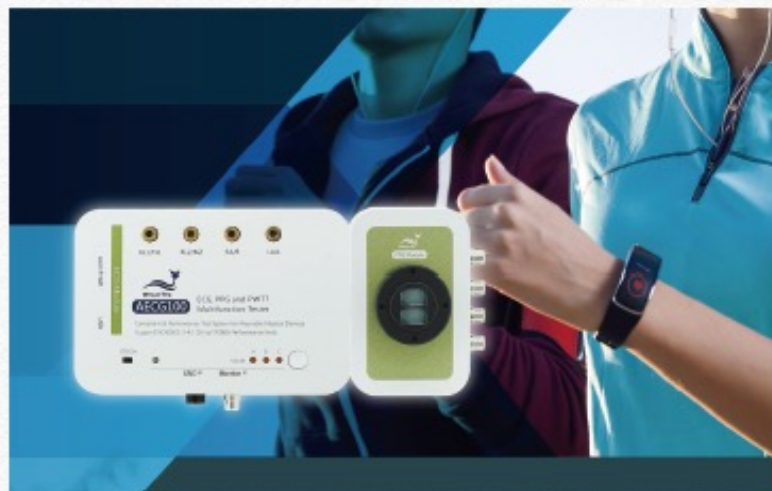
In the past decade, WhaleTeq has designed accurate, easy-to-use, and reliable Test Solutions for vital sign medical device manufacturers whose DUT (device under test) include ECG, EEG, Pulse Oximeter, Blood Pressure Monitor, Health Wearables, AED/Defibrillators and UDI (Unique Device Identification)

At present, our customer base includes GE, Philips, Siemens, etc. with 700+ clients spread across 35+ countries. Nowadays, AED V&V tools have been released!

- 4* Top-ranked
Leading Testing Provider of Four Vital Signs
- 700* Customers
Total number of Customers
- 36* Countries
Customers' Countries of Nationality

Our Products :
Vital sign medical device-dedicated test instruments and associated services for designated medical standards (IEC 60601-2-X).

The Innovative Simulator to Output ECG and PPG Analog Signals Simultaneously



AECG100 is a multi-functional performance tester and can simulate a human being with bio-signals like ECG and PPG. Thus, during interaction with Wearable Devices, the Devices can detect the simulated ECG and PPG to verify if those signals are well-received, processed or calculated into bio-metrics.

It is worth mentioning that its first-ever-made Reflectance PPG Test Solution makes AECG100 even more unparalleled in the industry.

Certificate

Declaration of Conformity





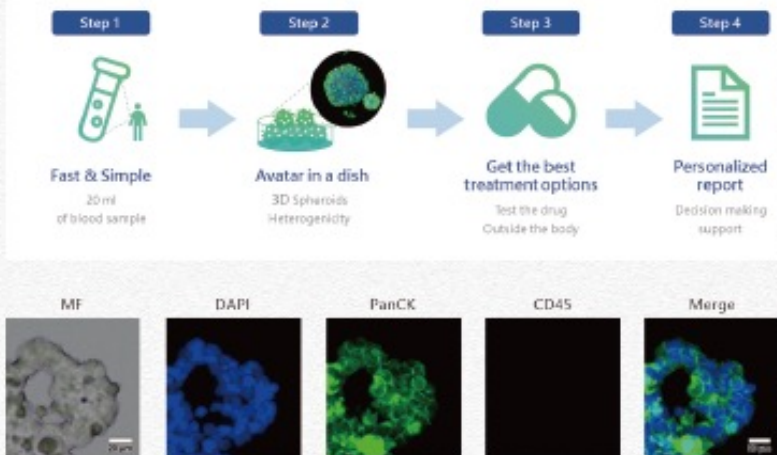
CancerFree Biotech focuses on the use of Circulating Tumor Cells-Derived Organoid (CDO) culture system for a personalized analysis. We can rapidly amplify CTCs and develop an optimized anticancer strategy from the currently available anticancer drugs through low-risk and convenient liquid biopsy and biomimetic organoid culture system. Our platform also helping the pharma company or academic to do the drug discovery, become per-clinical anti-cancer drug development test platform.



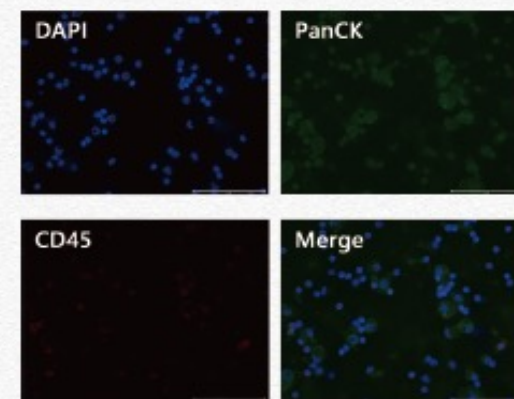
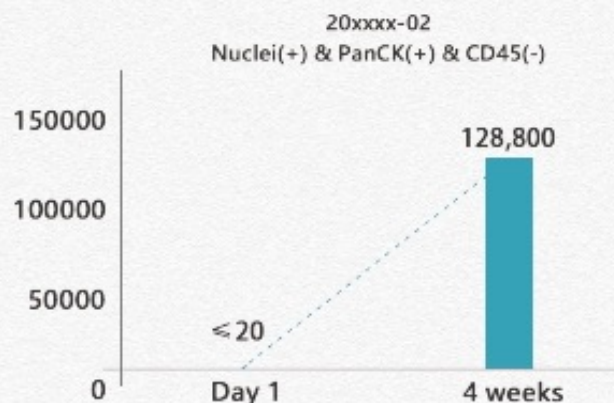
We deserve a better tool to improve the therapeutic efficacy.

E.V.A Select

Build a system that can test the drug outside the body for matching drugs to increase therapeutic efficacy



E.V.A. is a technology platform that we have developed to combine organoid culture systems and AI image recognition to rapidly expand CTCs into CDO for many applications in cancer research, such as cell therapy, cancer vaccine and new drug development.



Our E.V.A. technology platform can expand a small number of CTCs to 103-105 in four weeks with only 20mL of blood sample and identify cell surface biomarkers including PanCK, CD45, TTF1, GFAP, HER2, etc. by immunofluorescence staining.

E.V.A. Select Patient Story



RemoteMed C1 Cardiovascular Tester

Your essential tool for personal health management.

- For daily self-health management
- Stand-alone or Connected via BLE
- Portable and compact, not limited by location, and instant measurement



Monitor and track four key health indicators in 30 secs.

- **1-lead ECG :**
Instantly analyze potential cardiovascular health risks for QRS abnormalities
- **SpO2 blood oxygen concentration :**
Receive early warnings for happy hypoxia, which can occur during covid-19 pandemic
- **Heart rate :**
Assessment of the suspension of abnormal heart rhythm, bradycardia, and tachycardia
- **Blood pressure trend :**
Record health data, and systematically track your health status over time

Specifications :

Item	Parameter
Dimensions	L 102 x W 45 x H 11mm
Weight	37g ± 10%
Bluetooth connection	Bluetooth 4.2 (BLE)
Input dynamic range	-1.5mV~+2.0mV 18bit
Measurement time	30 seconds
Common Mode Rejection Ratio	>70dB
Battery type	3.3V 400 mAh lithium battery
Sample rate	200 samples per second
Support operating system	iOS 13.0 or above; Android 9.0 or above
Operating temperature	10°C~45°C
Country of origin	Taiwan
Warranty	One year

Please note that all functions of this product are not for the diagnosis, treatment, or prevention of diseases or other medical behaviors. Use this device only for personal health management for non-medical purposes.

SmartChip Microelectronics Corp. (SMC) is a prominent semiconductor company established in 1995, headquartered in Taipei, Taiwan, and with additional facilities in Shenzhen, China. SMC is recognized for its cutting-edge system-on-chip (SoC) solutions that find applications in various sectors, including mobile communication, consumer electronics, industrial automation, and IoT devices.

Key to SMC's success is its unwavering dedication to independent research and development. A team of skilled engineers and scientists continually innovates SoC solutions. These solutions have become instrumental in a wide array of industries.

SMC adopts a robust marketing and sales approach, collaborating with authorized distributors and sales agents across Asia. Building long-term partnerships with clients is a top priority for the company. Furthermore, SMC adheres to international standards such as ISO 9001 and offers RFID solutions encompassing LF, HF chips, and readers, including customized options for unique use cases.

In the realm of medical devices, SMC recognized the significance of addressing cardiovascular-related diseases, a leading cause of global mortality. In response, the company embarked on the development of portable medical products. These devices empower individuals to self-test and proactively manage their health, thereby potentially preventing irreversible health issues.

Intended use: The growing importance of telemedicine.



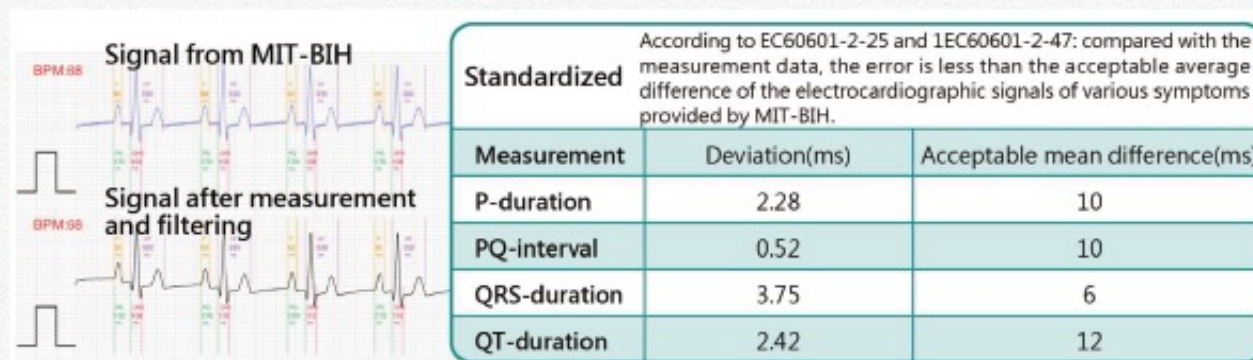
Limitations of Traditional ECG Machines:

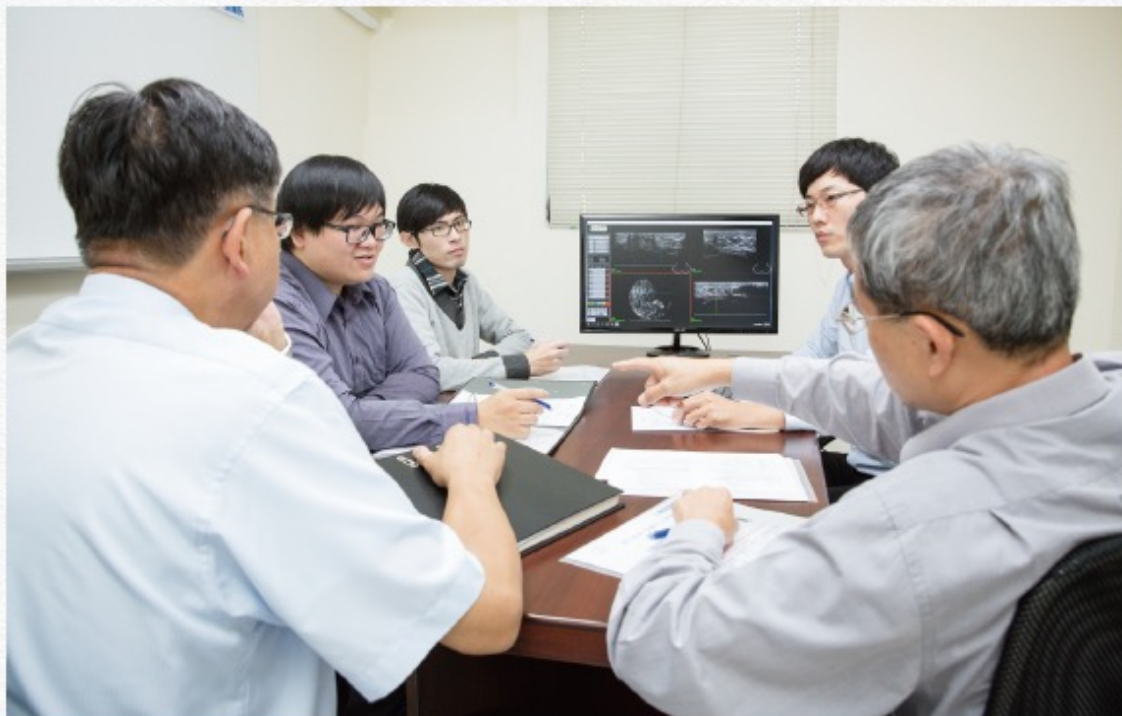
Cardiovascular diseases cause sudden discomfort. Traditional 12-lead ECG machines require electrode patches in medical institutions and cannot be self-measured by patients.

- **1-lead Electrocardiogram(ECG):**
Among abnormal QRS waves, analyze potential cardiovascular health risks.
- **Blood Oxygen Concentration(SpO2):**
Corresponding to Happiness hypoxia caused by the COVID-19 pandemic.
- **Heart Rate(HR):**
provide warnings for symptoms such as tachycardia, bradycardia, and arrhythmia.
- **Blood Pressure Treand(BPT):**
Systematically record health status, which is helpful for long-term tracking.

According to IEC60601-2-25 and IEC60601-2-47:

compared with the Standardized measurement data, the error is less than the acceptable average difference of the electrocardiographic signals of various symptoms provided by MIT-BIH.





Taihao Medical designs and develops AI medical software to help healthcare providers manage the increasing workloads. We focus on breast screening & diagnostic solution by utilizing ultrasound and LDCT AI solutions for lung disease. Leading technology & expertise include:

- (1) Real-Time AI detects suspicious areas in Ultrasound images.
- (2) Advisory Board members include scientists & physicians in Taiwan, Japan, China, and USA.



Early Detection - Early Treatment. Most Lives Saved

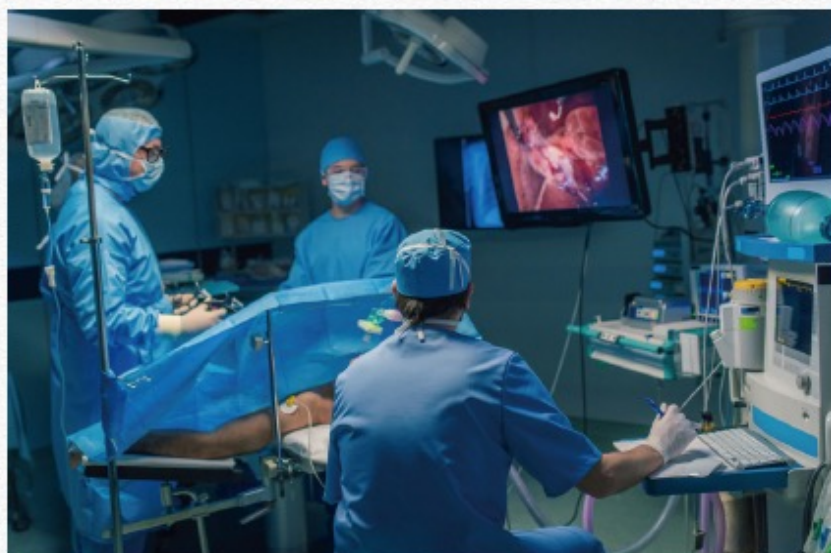


- **AI-assisted breast screening:**
 - (1) Real time breast lesion detection and alert
 - (2) Breast scanning coverage & lesion localization
 - Quality control (QC)
 - Save suspicious lesions automatically with AI
 - Technician experience + AI to select key images
 - (3) Rescanning and confirmation of key images

- **AI-assisted breast diagnosis:**
 - (1) BU-CADTM DS is designed to give you confidence in breast lesion diagnosis
 - (2) Increase the Sensitivity and Specificity
 - (3) Speed up decision making

- **AI IN LDCT**
 - (1) Automatic detection of lung nodule (0.3-3.0 cm)
 - (2) Automatic calculation of nodule diameter and volume
 - (3) Automatic classification of nodule type (Solid,PSN,GGN)
 - (4) Automatic labeling of lung lobe (R3, L2)
 - (5) Risk assessment of invasion
 - (6) INTEGRATION - incorporated into existing image system of hospital





Leading Smart Display Solution Provider.

AUO Display Plus picks up the baton from AUO, leveraging 20 years of experience to provide a comprehensive range of products to customers worldwide. Its flexible production can accommodate unique designs in small quantities, allowing greater diversity and customization.

We also provides smart display solutions across various verticals, including education, enterprise, retail, healthcare, and transportation. Headquartered in the Hsinchu Science Park, Taiwan, the company operates global offices in Mainland China, Japan, the United States, and Europe.



Powering Visualization for Streamlined Workflows



AUO Display Plus focuses on smart surgery, examination and diagnosis, and medical information integration and management to provide reliable, high-quality, and efficient smart healthcare solutions that help healthcare providers administer more accurate diagnosis and treatment.



We^{18th} 國家新創獎
Innovators
Drive Ideas - Drive Solutions - Drive Uncertainty

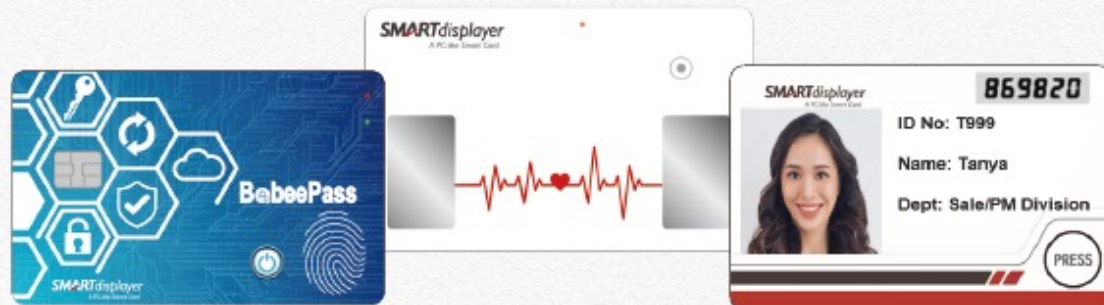


Founded in 2002, SmartDisplayer has been fully dedicated to the development and manufacturing of display cards. Currently, there are 120 full-time employees, specializing in IC, display, module circuits, and firmware design.

With in-house automatic COB, ACF bonding, printing lines, and automatic display card lamination lines, our production capacity for display cards has reached 350,000 cards per month. In order to deliver new smart card technology to the world, we invested heavily in R&D innovations. More than 30 patents have been registered under SmartDisplayer and more will be acquired. All these efforts are to ensure that we continuously lead the smart display card industry.

During the past few years, SmartDisplayer has successfully delivered more than 20,000,000 cards. More than 50+ banks (financial institutions) from over 30 countries have adopted SmartDisplayer's smart display card solutions.

Today, we are also continuously developing other fields, such as the application of blockchain and telemedicine, to provide more diversified services.



Your Card We Care

BabeePass

- ♣ Card form factor
- ♣ FIDO2 L2 certified
- ♣ Rechargeable battery
- ♣ 3 colors LED Indicator
- ♣ BLE/NFC/USB 3-in-1 interfaces
- ♣ Under PVC fingerprint sensor embedded
- ♣ Custom options :
 - Active matrix display
 - Multi-factor authentication solution(MFA)
 - Artwork design / Post printing
 - Access control

Z E R O T R U S T

SMARTdisplayer
A PC-like Smart Card

fido CERTIFIED FIDO2

- **ECG Card:** Cardiovascular disease is the top killer of death in the world. SmartDisplayer ECG Card is FDA certified, its credit-card-form-factor makes it portable to carry. ECG Card supports a BLE interface for communicating with a mobile app The app can automatically upload ECG data to the cloud and generate analysis reports for users.
- **Pedometer Card:** It can be combined with a rechargeable battery and an e-paper display to function as a staff badge. With BLE communication to a mobile app, it can alert the user to walk more.
- **Temperature Tracking Card:** It can be combined with a rechargeable battery and an e-paper display to serve as a badge. With BLE communication to a mobile app, it can record environmental temperature for future reference upon request.
- **Indoor Positioning Card:** By integration with BLE Beacon or UWB (Ultra-wideband), it can locate a person or an asset in an Indoor environment.

Certificate



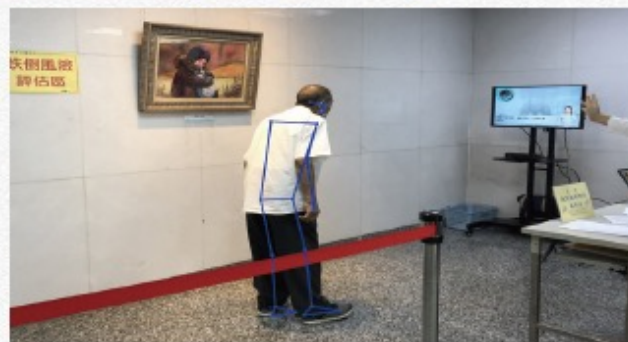


LongGood is a company that provides equal access to medical resources in Taiwan using its software to help patients with continuous rehabilitation needs. Its interactive rehabilitation system is designed to transfer hospital-level services to homes and care institutions through simple equipment and virtual software. This makes it a convenient and portable rehabilitation tool for home therapists and caregivers, improving clinical staff professionalism and resource utilization. The goal is to provide remote rehabilitation and allow local access to rehabilitation assessments and exercise training. LongGood's main customers are medical and care institutions, with hundreds of establishments using its products in Asia, including China, Singapore, Hong Kong, and Japan. The company is promoting the concept of digital rehabilitation prescriptions to bring substantial impact and create a complete rehabilitation solution from hospital to home.

Recover. Reimagine. Rediscover: Empowering Lives through Digital Rehabilitation.



LongGood utilizes 3D motion sensing technology to digitally transform traditional rehabilitation, standardizing courses and making their effects visible. Doctors and therapists can thus provide more efficient and precise rehabilitation treatment for different conditions. In addition, digital rehabilitation breaks the limitations of time and space, allowing patients to receive rehabilitation services-- in their communities and homes-- that are equivalent to those in hospitals. Through data analysis of their conditions and training results, patients can communicate better with healthcare professionals, establish common goals, reduce information asymmetry caused by professional knowledge, and improve the quality of medical services.



National Healthcare Quality Award (2016, 2019)

Award



DBS Social Enterprise Grant Programme (2016)



Leadtek has been dedicated to medical and health care since it invested in Wegene Technology in 2000, and has established the "amor" brand to develop a range of remote care, mobile medical and health IoT products. Wegene's autonomic nerve analyzer received Taiwan certification in 2004 and obtained mainland China certification in 2008. At present, about 200 hospitals and clinics in Taiwan and mainland China have introduced Wegene's autonomic nerve analyzer. In 2016, Leadtek developed and launched "isleep well", "iactive well" and other nutritional supplements. Alvital, the world-renowned oximeter brand, joined Leadtek in 2019.

In terms of smart medical applications, Leadtek combines artificial intelligence and Internet of Things technology (AIoT+Medical+Health) to prioritize physical and mental health care, lifestyle tracking and health management solutions, aiming at the applications in life stress, heart vitality, and three high-risk factors such as blood pressure, body weight and blood sugar. Combined with the wearable device amor H2 health band or amor H2 Plus Wearable ECG Recorder and other medical terminal devices, amor Physical and Mental Health Management Platform integrates activity records, sleep records, fatigue index, circulation index, body pressure index, heart rate, electrocardiogram, systolic force, blood pressure, blood oxygen, atrial fibrillation and arteriosclerosis for professional data analysis and AI applications.

Research and Innovation, Quality First, Profit Sharing, Customer First.

LEADTEK
麗臺科技

amor
H2 Plus 8Z37
Wearable ECG Recorder
The first medical wearable watch in Taiwan to pass ECG+PPG

ECG measurement at any time.

In just 30 seconds, the personal heart rate, heart rate variability, and electrocardiogram can be recorded through PPG photovisography sensing and ECG electrocardiogram sensing principles. And through the detection of G-sensor, lifestyle variables (such as steps and sleep, etc.) are calculated.

- ✓ Designed and manufactured in Taiwan, medical grade professional trust.
- ✓ Wearable medical grade ECG, measure anytime, anywhere.
- ✓ Daily record, accurate trend tracking.

In terms of smart medical applications, Leadtek combines artificial intelligence and Internet of Things (AIoT+Medical+Health) to prioritize physical and mental health, lifestyle tracking, and health management solutions. It targets the three high-risk factors of life stress, cardiac vitality, and blood pressure, weight, and blood sugar. Through wearable devices and medical terminal devices such as autonomic nervous system detectors, it combines the "amor body and mind health management platform" for professional data analysis and AI applications. In terms of disease diagnosis and clinical research, Leadtek has worked with multiple medical centers and attained numerous positive outcomes in different heart disease tracking.

Health Keeper
Your health manager
Take the APP with you

amor Health Keeper
Member platform
Easily view measurement data and provide long-term measurement trends.

Health Manager platform
Integrate member measurement data; management is simple and convenient.



Taiwan
Excellence
Award 2021

- Wearable ECG application
- Heart rate variability application
- Event logs
- Overview of records on the app
- Heart rate
- Continuous heart rate monitoring
- Step count
- Sleep/Health index lifestyle tracking


Solution 2



Equipment & Solution



The advantage of Taiwanese healthcare technology providers lies in their ability to integrate software and hardware into an optimal solutions, thereby creating more efficient, precise, and stable treatment environments.





The purpose of Hotech is to serve laboratories at all levels, medical institutions and equipment manufacturers, adhering to professional and top-notch technology, and manufacturing in Taiwan throughout the process, in order to provide customers with excellent, top-level temperature control and vibration products.

We are committed to providing customers with products and services of the highest quality, and always maintain the spirit of innovation and enterprising.

Looking forward to working with you to contribute to the development of laboratories and medical institutions!

• **We provide the most professional medical equipment:**

- (1) Genflow Blood/Fluid Warmer
- (2) Platelet Incubator with Agitator
- (3) Blood Plasma Thawing System

The company provides tailor-made projects, not general commercial products. If you have special needs, you are welcome to contact us by email or phone. We will be very happy to provide you with professional advice and solutions. Please don't hesitate to contact us now!

We look forward to working with you to create the best project for your needs!

Precise temperature control, safeguarding lives.



Model 230 is specially designed for Blood transfusion/ infusion warmers. Function is heating or heat preservation in blood transfusion. The system consists of a temperature control module and a specially designed coated silicone heating tube. The 230 warmer can be operated easy touch LCD screen and a sound sensor. Multiple temperature protection devices.

Certificate



SGS ISO 13485



TW Patent



T-BAL is the first and finest lipidomics service provider in Taiwan. T-BAL co-develop the lipidomic profiling and analysis platform with Lipotype GmbH, Germany. The shotgun LC-MS/MS technology enable the high throughput examination on samples.

Except for detection and analysis of lipidome, we also provide multi-omics analysis. The multi-omics analysis enable researchers to analysis lipidome intersect with various omics, including transcriptomic, genomic, and proteomics.

In the current precision medical industry, Next-Generation Sequencing technology is considered the main stream. However, the trending to realize medicine reach to "precision" is based on multi-omics detection and analysis technology. T-BAL funders envision this trend, and established this company in Taiwan. We're thrilled to introduce T-Bal to Vietnam societies to provide best service.

Lipidomic Is Impact!

Lipotype is the leading lipidomics service provider for every researcher.

We developed Lipotype Lipidomics to identify and quantify thousands of lipids in no time. Our mass spectrometry-based technology was designed to adapt to a rich variety of sample types to reflect the diversity of research.

Patent & Certificate

LIPOTYPE SHOTGUN LIPIDOMICS

Lipid Analysis

Sample Extraction Sample Infusion MS Analysis

Data Analysis

Lipid Identification Data Reporting

Customers and applications

- Biotech and pharma industry, clinical research**
drug discovery (mode-of-action, target validation, effect on lipid metabolism) ... drug delivery systems ... biomarker identification (pharmacodynamic, pharmacokinetic, CDx) ... clinical screening ... diagnostics
- Food industry**
development of functional food/nutraceuticals ... intervention studies ... lipid composition of food products
- Cosmetics and dermatology**
claim support ... drug development and validation ... personalized cosmetics
- Academic research**
lipid analysis of cells ... tissues and body fluids from various model organisms in a plethora of experimental setups

金屬工業研究發展中心
Metal Industries Research & Development Centre

專利授權契約書

計畫名稱: 樣本快速加工儀器與數據轉換
開發計畫

執行機構: 華致方法光儀器
編 號: 台理法信發管投份有限公司

中華民國 110 年 10 月 19 日

Metal Industries Research & Development Centre Patent

LANDESBIBLIOTHEK SACHSEN
Landesbibliothek Sachsen

Landesbibliothek Sachsen
Landesbibliothek Sachsen
Landesbibliothek Sachsen

Landesbibliothek Sachsen
Landesbibliothek Sachsen
Landesbibliothek Sachsen



Hurraybio has more than 14 years of experience. The main business areas cover hemodialysis, ICU and smart medical care with sales channel from North Vietnam to South Vietnam. Among them, there are 3 items of hemodialysis consumables, which currently have the largest market share in Vietnam. In the area of smart medical care, we are cooperating with Chunghwa Telecom Taiwan's iMedtac, Medimage, Biomedica and V5 Technology to expand the smart healthcare system business.

TỦ QUẢN LÝ THÔNG MINH

Giải pháp quản lý thuốc an toàn và chính xác cho bệnh viện và nhà thuốc.





The first localized Smart Cabinet for Drug management in Vietnam



The Smart Automated Dispensing Cabinet provides a safe and accurate medication management solution in the pharmacy.

The medication dispensing cabinet is able to dispense medication, control inventory and manage user access, reducing time and improving efficiency for the facility.

Certificate



Company Certificate in Vietnam



Qualified Certificate of running Medical device in Vietnam



EPED Inc. is a leading company in the field of minimally invasive surgery. Upholding the values of “safety, precision, and efficiency”, we strive constantly to develop innovative medical navigation solutions, including robotic arm for brain surgery and surgery navigation system. We are dedicated to enhancing the quality and safety of medical treatment on all levels with customers based in almost every continent, always in the search for, new partners all over the world.

Since the establishment, EPED Inc. has grown steadily and has been certified with ISO13485, medical device GMP quality management certification and CE certificate.

At EPED Inc., we bring together a professional and enthusiastic team to develop medical image software with Optical Space Location Technology as the core of our technology. We present the most adaptive and customizable navigation solutions with world-class accuracy. Together with surgeons and professionals, we strive to maximize the values of smart healthcare and to lead the future of minimally invasive surgery industry.

Safe. Accurate. Real time. Minimally invasive.



The RETINA is a stereotactic surgery navigation system for Neurosurgery, Craniofacial, E.N.T., Plastic Surgery, Oral and Maxillofacial Surgery and other types of minimally invasive surgical applications.

The RETINA combines intelligent medical technologies and services which can integrate digital medical imaging for better surgical accuracy. It is compatible with many instruments already used in the OR, which have become a perfect complement while working during surgery.

The RETINA also reduces unnecessary tissue injuries, to aid in minimally invasive surgeries, improve surgical quality, and reduce the risk of surgical complications, which provide overall better medical service for patients.

The RETINA possesses the most state of the art navigation and combines them with perfect accuracy, extensive and international OR experience, and the best price in the market.





Established in 1975, Doctor's Friend Medical Instrument Co., Inc. is the only professional production and marketing company in Taiwan that researches and develops, designs, manufactures, and markets suction units and hospital equipment. Doctor's Friend Medical Instrument Co., Inc. was created with the aspiration to enhance the quality of medical care and diligently safeguard patient health.

Quality Speaks for Itself

The Suction Unit is the medical device that is primarily used for removing mucus, saliva, blood, or secretions from a person's airway.

All of the components and raw materials, from the machines' outer shells to the interior pumps, are molded and produced in Taiwan according to the research and design of the company.

We expect that medical equipment manufactured 100% in Taiwan can be used throughout all corners of the globe, benefitting all people and becoming doctors' most trustworthy and indispensable instruments.



Certificate & Award



CE certificate



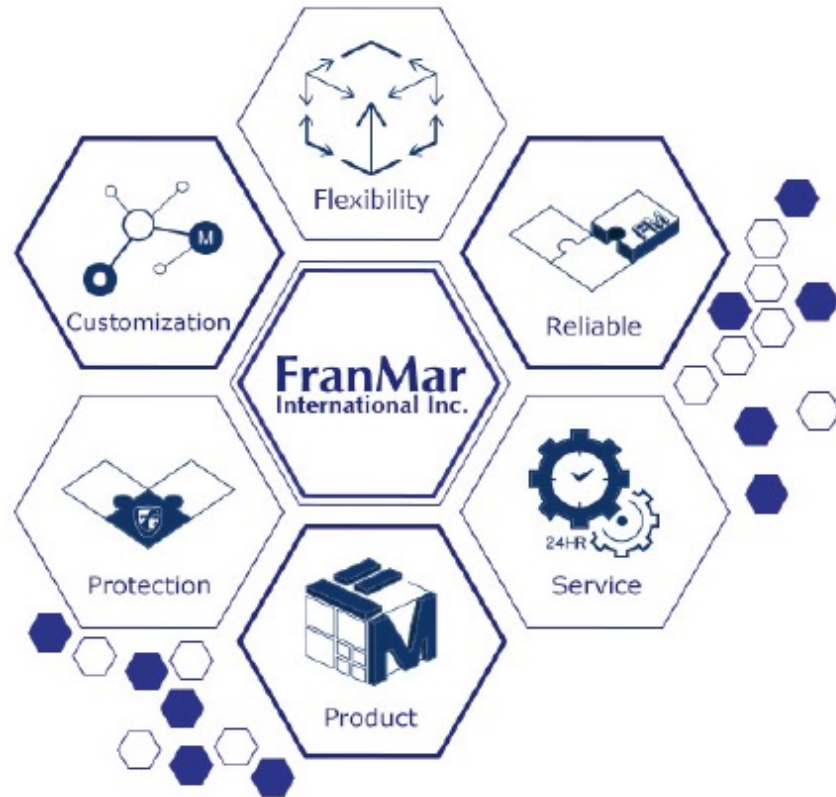
ISO 13485



Taiwan Excellence Award 2020
DF-330 / DF-770

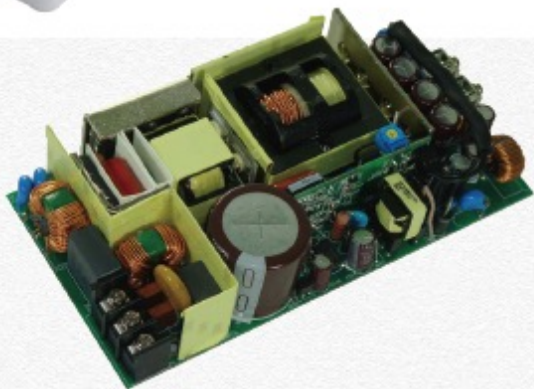


Taiwan Small & Medium Enterprises Innovation Award



FranMar has insisted on focusing on medical applications since more than 20 years ago, and is committed to providing "small number of diverse" standard and special modified high-quality switching medical grade power supplies. The small and medium-sized customers are our main service objects. Besides the self-produced medical power supply, FranMar also provides highly competitive services and values. We distributes products from other excellent manufacturers and provides more diversified services to meet customers' one-stop shopping needs, providing customers with professional consultation and saving their time. Our products can meet most requirements of customers, such as standard, modified and customized power solutions include various medical power supplies from 4W to 1100W. 90% of our medical power supplies are sold abroad (includes North America, European, Asia and Oceania) and they all meet IEC60601-1 safety regulations.

Quality, Service, Efficiency, Reliable, Customization



FranMar's core business model has always been to promote its brand worldwide. Our target customers are small to medium sized companies. The FranMar brand and the ability to provide customers small number of diverse high-quality product ability are our assets. Our MOQ start from 50 pcs to support customers' developing stage and regular purchasing. We are also willing to undertake OEM/ODM for an overseas manufacturer in compatible category. Flexibility and high degree of adaptability are our advantages to other competitors. Customers can always count on us to satisfy their needs. For three decades, we have satisfied more than fifty-thousand customers' requirements.

Certificate



ISO 9001
 Certification



TEEMA



Instant NanoBiosensors (INB) is an award-winning innovative company that has developed next generation, cost-effective ultra-sensitive real-time immunoassay platforms that advance precision health for life sciences research and diagnostics. Our platform, Light Sensing Biomarker Analyzer, based on patented FOPPR (Fiber Optic Particle Plasmon Resonance) and IN-Chip (auto-flowing microfluidic chip) technologies with 35+ global patents for the life science research and in vitro diagnostics markets, enables customers to reliably detect protein biomarkers in extremely low concentrations (5 orders) in blood, serum and other fluids that, in many cases, are undetectable using conventional, analog immunoassay technologies. As a provider of cost-effective, ultra-sensitive, and real-time immunoassay platforms, INB is committed to developing innovative solutions that advance healthcare with the vision to revolutionize traditional immunoassays and diagnostic analyses for a more efficient healthcare ecosystem. The business opportunity includes co-development, method technology transfer, technology licensing, and IVD applications. We hope to build more strategic partnership with international associates.

At INB, we believe that Light Saves Lives.

To share our extensive experience and industry knowledge, we are offering since 2020 via our business unit INvision products focused on Genomics and Molecular Biology, respectively high-class Automated Nucleic Acid Purification Platforms, NGS library preparation solution by using our multiplex PCR technology, simple analysis software and smart liquid handling system for our easy One-Step precision medicine total solution.

Fulfilling your nucleic acid extraction needs with the highest quality: Simple, Fast, and Reliable.



Our Fully Automated Nucleic Acid Purification Instrument iNA 16/24™ for your organization. The platform based on the Liquid Handling and Magnetic Separation technologies is suitable for any liquid and most biological samples, will provide you along with its pre-filled Reagent Kits, DNA/RNA products superior yield and purity for a wide range of subsequent applications. The iNA24™ instrument has a small footprint, an easy-to-use Graphical User-Interface and the ability to handle between 1 and 24 (based on different platform) biological samples simultaneously, which makes it the ideal platform for small to medium sized laboratories.

• **Our Core Advantages:**

- (1) High Precision Liquid Handling Procedures
- (2) Double Filter Tips
- (3) Separable Reagent Strips
- (4) Advanced Magnetic Nano Beads
- (5) Rubber Coupling

 **SGS**



In the past 30 years, minimally invasive and non-invasive surgery has become a mainstay due, in part, to advances in medical image processing. These advances have drastically improved the outcome of surgical treatment, shortened patients' recovery time, and reduced complications. The digitization of medical imaging has also allowed the global medical community to share new surgical techniques swiftly, accelerating surgical improvements.

Additionally, healthcare systems will face the challenge of increasing demand for isolation and critical care, and leveraging cutting-edge imaging technology will be crucial to improving the quality of care. High-quality medical imaging is the foundation of surgical safety in minimally invasive surgeries. Furthermore, an increasing number of minimally invasive surgeries now rely on multi-image integration. Therefore, an intact, stable, and minimally-delayed transmission of a highly-integrated medical image is a key to the future of medicine.

CYP medical imaging solutions comply with standard PACS implementations and is able to process multiple images, videos, and data without distortion. The various supported I/O interfaces simplify the integration of different medical equipment such as ultrasound, endoscope, vital sign and so on. Beyond the capture of images, video, and data, our software interface provides for advanced operations such as I/O switching, zoom in and out, PiP, PoP, etc. The image and video layout is user customizable as well.

Our medical imaging solutions feature the same design philosophy as our Pro AV solutions which offer clean multitasking environments which boost the efficiency of our daily work.

Bring clarity and efficiency. Revolutionizing medical imaging with CYP's AV-IT solutions.



MED-VPR-8430
Video Recorder

intel partner
Gold IoT Solutions



AVIP-P6101T-B1F
Signal Transmitter



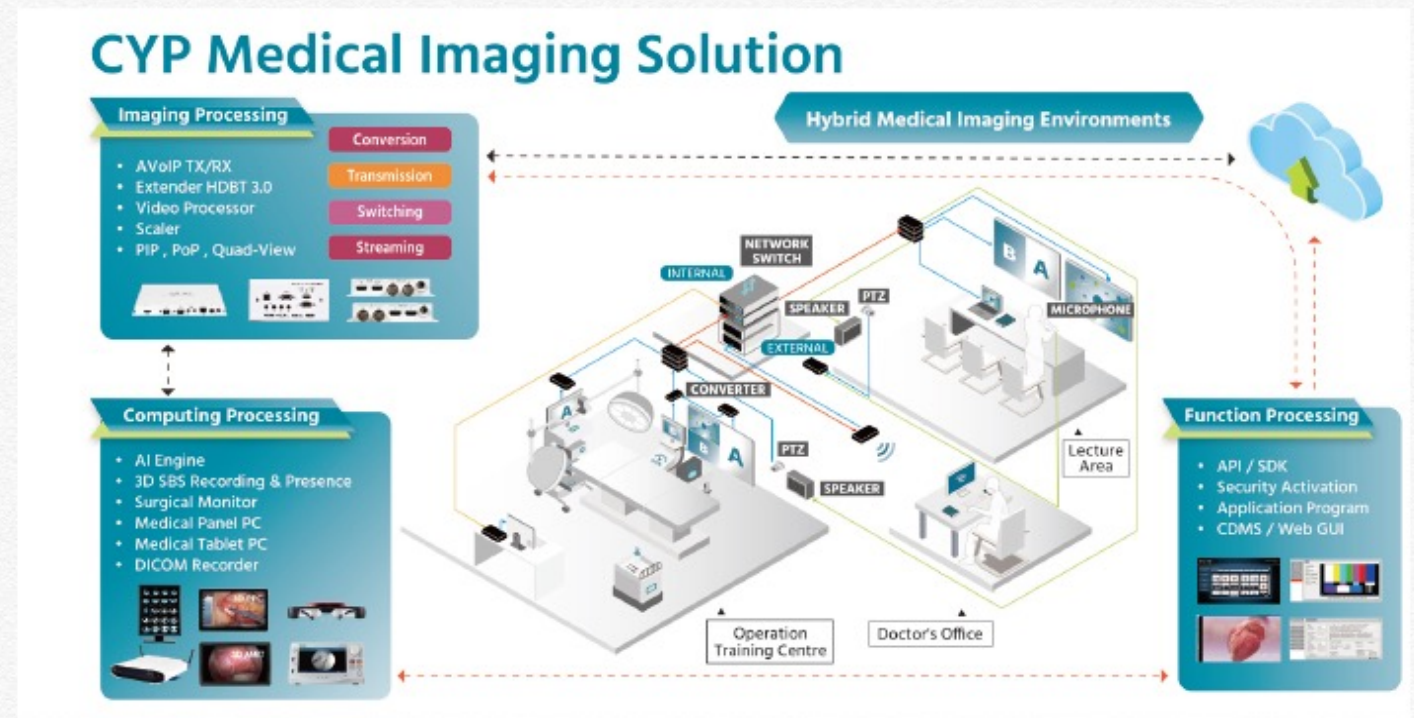
CSC-VPR-3421-W
Video Processor



ISO 13485:2016

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Solution 3



A grayscale photograph of a person sitting in a wheelchair, with their hands on the wheels. The image is partially obscured by a white horizontal line and a large white text overlay.

Assistive Device

Taiwanese suppliers provide caregiving aids, equipment, various treatments, and relief products to help patients receive better care, accelerate recovery, and prioritize prevention over treatment. This enables patients to live healthier.



- **Company overview:** ible Technology is an IoT & wearable device company providing effective solutions to harmful airborne particles with certified wearable ionic air purifiers.
- **Features:**
 - (1) ible's flagship product series, Airvida, can generate more than 20,000,000 negative ions every 0.6 second to significantly reduce air pollutants, allergens, and viruses users may inhale.
 - (2) Wearable air purifiers are usually too big to fit users' outfits and tend to release hazardous amount of ozone when generating a great number of ions. ible has overcome the challenges to develop Airvida, fulfilling the highest standards of material (RoHS), performance, efficiency optimization (SGS & Kisato Research Center for Environmental Science reports) and safety regulations (CE, FCC, UL).
 - (3) The efficacy and innovation of Airvida has earned worldwide recognition from CES 2020 & 2023 Innovation Awards (the U.S.), 2021 Good Design Award (Japan), and the first prize of SNQ Award in the Epidemic Prevention Category in 2019, 2020, 2021, and 2022 (Taiwan).
- **Team members:** ible's team members are experienced in product management, research and development, marketing, and business development. The R&D team consists of professionals who have expertise in fluid mechanics, parallel computing, machine learning, and material mechanics. The business development team and marketing team work with local distributors in different countries to expand to overseas markets. With the successful collaboration between both internal and external members, more than 300,000 Airvida have been sold in around 15 countries, including Switzerland, Japan, and Thailand.

Small yet powerful wearable innovation for health



- **Product concept:** ible Tech. enables everyone to choose a healthier life with certified wearable air purifiers. The wearables gather millions of negative ions around the facial area to protect users from pollen and air pollutants, bringing them cleaner air to breathe in.
- **What makes the Airvida series stand out:** Airvida is the lightest wearable air purifiers in the world. Small yet powerful, Airvida generates more than 20 million negative ions every 0.6 second and drives the ions to move toward users' facial area stably instead of scattering in the air to prevent harmful particles from reaching wearer's nose and mouth, such as pollen, fine particulate matter (PM2.5), and viruses. Also, compared to competitors' devices which are big and heavy, the sleek and elegant look of Airvida makes it a stylish accessory with users' daily outfits.
- **New product- Airvida E1:** ible continually innovates and has recently developed the world's first wearable ionic air purifier with noise-cancelling earphones – Airvida E1. It protects users from both air pollutants and ambient noises. This device also comes with a mobile app that can adjust the number of negative ions to the highest level under serious air pollution. With Airvida E1, people can enjoy both clean air and the beauty of music when they are commuting, travelling, and exercising.

Certificate & Patent



CE certificate



JP Patent





In 2022, the market for health aids that appeal to the needs of smart hospitals and integrate smart health management was growing. At present, electrotherapy and rehabilitation in the world are still stuck in traditional thinking, unable to keep up with the pace of global smart medical care. UGYM will promote the "Digital Platform for Home Rehabilitation Electrotherapy and Muscle Training" to effectively establish the connection between doctors, patients and PT, and close the gap in the original medical service.



Your Pain Management



- Pocket size/portable/easy to use
- Comfortable & effective
- Stay at home to avoid contacts
- Save time and money
- Cloud data recorded for future follow-up





ForeAider, a company founded primarily by nursing staff, physicians and senior engineers in Taiwan, has developed a non-wearable nursing aid for elders as a solution for discomfort of using wearables during sleep.

Many elderly people are reluctant to go to bed using wearable devices. We want to provide intimate care services without changing our original habits. Filial piety is made simple, so that older people are truly respected. Based on this belief, we develop a nursing aid that can help caregivers and which is "non-wearable and suitable for most mattresses".

A smart pad designed to help the elders

The company created a sleep sensing pad based on micro-motion technology – ForeAider Z Smart Sensing Pad-lite, and ForeAider Z Smart Sensing Pad-standard. ForeAider Z is an invisible sensing technology that is always by your side. ForeAider's dedication brings you peace of mind.

Our contact-free, highly sensitive technology can be used in mattresses which are less than 30 cm in thickness. This means there is no more need to wear sensors, no monitor; the sensing interface unobtrusively integrates into the living environment of the elderly.

Only takes 60 seconds to set up, from normal mattress to smart mattress!



Monitor in-the-bed, out-of-bed and physiological state (heart rate and respiratory rate) of the elderly or dementia groups. When they are out of bed or the heart rate/respiratory rate is abnormal, it will immediately notify the caregivers. There is no need to wear it and it is easy to install. You only need to put the sensing pad under the mattress and set the account and the password of WIFI to use it. It only takes 60 seconds to turn a sickbed or household mattress into a smart mattress. At present, there are two user interfaces for institutional care (WEB) and home care (APP). The product features soft air cushion, non-inflation, not easily damaged, plug and play, AI automatic adaptation of mattress parameters, accurate data and high system stability.

Patent & Certificate



1684430 / 1718732
- TW Patent



11471110B
- US Patent



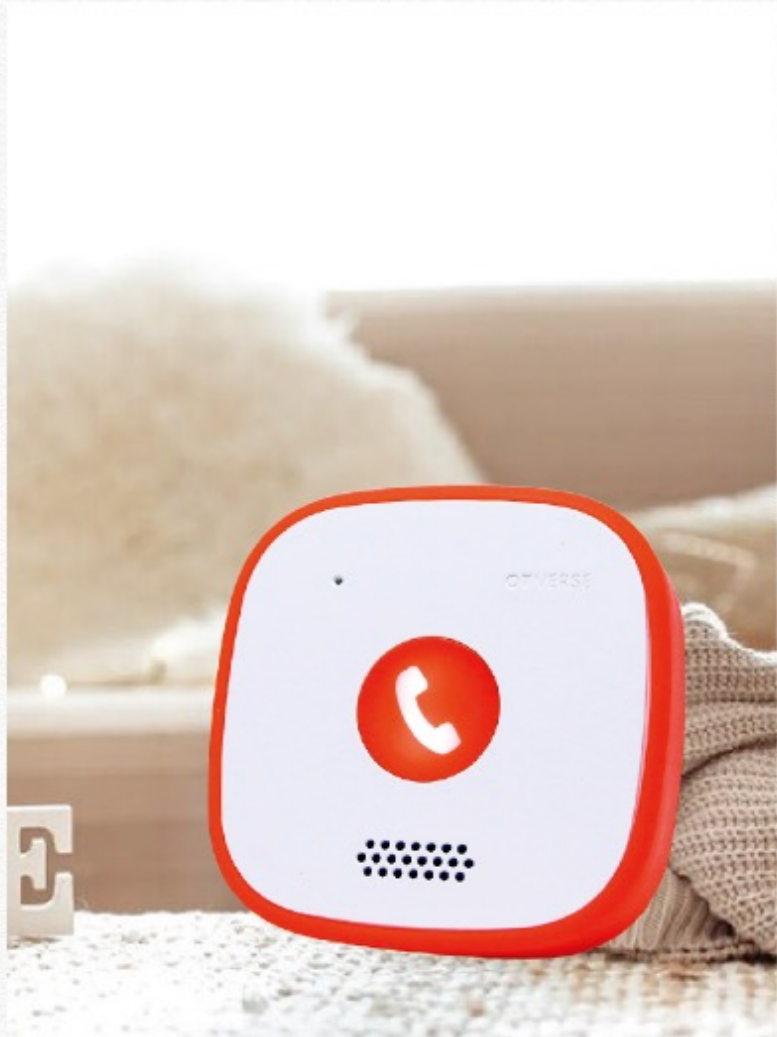
WSC2004021 / WSC2004021
- CE Certification



PTCOM Technology was founded in 2016. We started out by offering comprehensive solutions for the Internet of Things (IoT) marketplace. We offer intergrated hardware, firmware, cloud platforms and user apps. We value security in the design of IoT devices and utilize IoT devices to collect data for research to assist our clients in making design decisions. Currently we are putting our focus on using IoT & Artificial Interlligence (AI) to make assistive devices for elders and caregivers.



IOT Emergency Wireless Caregiver.



OTVerse is a one-click control world. We hope that all products are very easy to use and can be used by people of all ages.





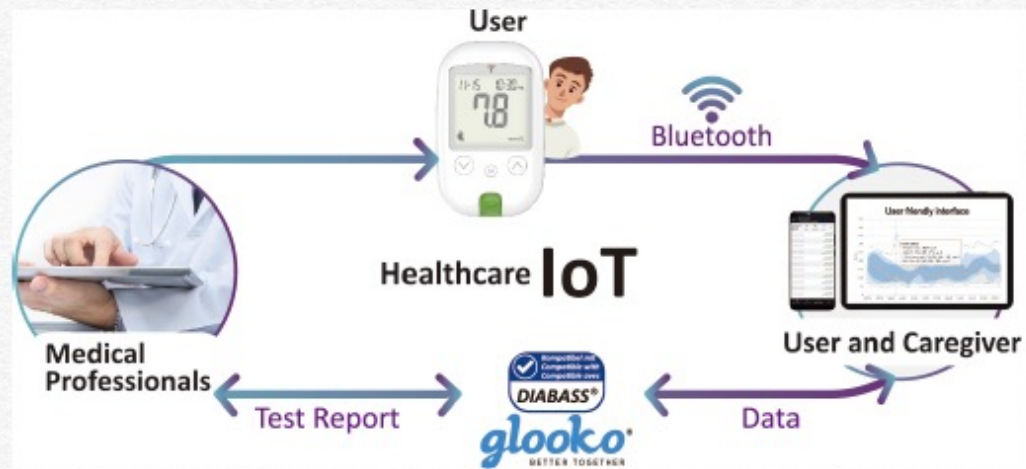
Tyson Bio is a professional manufacturer of blood glucose monitoring (BGM) products in Taiwan.

The industry has been in fierce competition. To emerge from competition, Tyson Bio is developing its next generation product with 12% accuracy bias level, better than current international standards of 15% bias. In this way, Tyson Bio will provide better niche to its partners, especially at a time when big international brands are moving out of this industry.

Aside from human-use products, Tyson Bio is also especially strong in animal-use BGM products. It is an OEM manufacturer for world number 1 brand in animal care.



Make diabetes life easier and better, one test at a time!

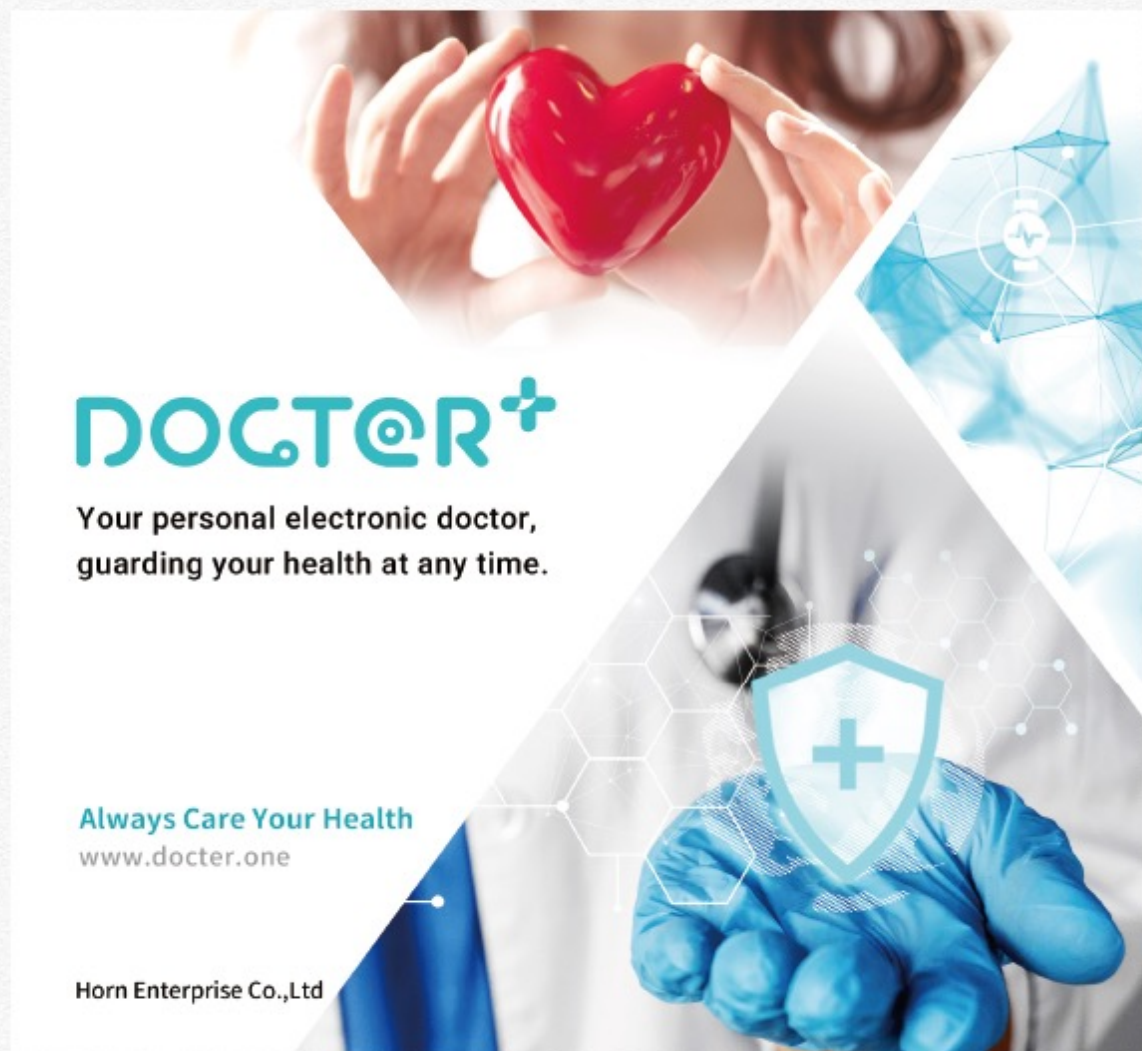


IDK Institut für Diabetes Karlsburg

Performance evaluation - System Accuracy

Results of system accuracy measurements compliant with DIN EN ISO 15197: 2015.

between	60.2 mg/dL ± 1.6 mg/dL	and	367.3 mg/dL ± 9.5 mg/dL	
within	± 10 mg/dL		± 12 mg/dL	± 15 mg/dL ± 20 mg/dL
	± 10 %		± 12 %	± 15 % ± 20 %
N	90		98	98 100



DOCTER+

Your personal electronic doctor,
guarding your health at any time.

Always Care Your Health
www.docter.one

Horn Enterprise Co.,Ltd

We have developed DocterWatch for real-time monitoring of health with real-time monitoring of heart rate/body temperature/fall/SOS, as well as 5-minute regular measurement of blood pressure/SPO2/HRV. We also provide bio-radar Docter_iCare for those who do not like to sleep with a watch. The monitoring on the bed of respiration/heart rate/in and out of bed, the most important thing is that we have a real-time monitoring and care system developed by ourselves, and provide paid home care services to patients in the medical center.



www.docter.one

DOCTER+
Always Care Your Health

**Health
||
Carbon Reduction**

Horn Enterprise Co., Ltd

Your personal electronic doctor, guarding your health at any time.

Non-invasive blood glucose measurement



Non-contact physiological monitoring



DOCTOR Watch sends message with your location to your emergency contacts.



Press and hold the key for 3 seconds to send an SOS alert.

Features:

- 1) Glycemic index analysis
- 2) Real-time heart rate monitoring
- 3) Fall detection
- 4) SOS

Features:

- 1) Heart rate trend monitoring
- 2) Respiratory rate trend
- 3) In-bed recording
- 4) Out Of Bed alarm for too long

Features:

- Fall Perception
- Physiological Abnormal Reminder
- SOS fall alert

Features:

- Provides automatic measurements and records for immediate response and early treatment of unstable situations by family members or caregivers.
- Sleep Stay Timeout Warning
- Privacy protection: Images and sounds will not be recorded
- Non-contact Resonance detection without disturbing the user

- **Brand:** Docter
- **Explanation:** (DOCTOR/We end with er) We aim to be electronic doctors who are on duty 24 hours a day, manage health data in real time and manage it on the cloud in real time.
- **Features:**
 - (1) DocterWatch: Wearable real-time data upload monitoring, recording physiological data and activity status throughout the day.
 - (2) Docter_iCare bio-radar: Non-contact monitoring of respiration/heart rate/record of in-bed and out-of-bed/alarm for being away from bed for too long.

Patent



-DE Patent



M561501/M556345/M557690/M589535/
M595316/M609773/M615812
-TW Patent



- New Century Products is a company that specializes in designing and manufacturing products for babies, kids, and families.
- Our products range from IoT smart care products, strollers, baby accessories, and fun & craft.
- We can work out the design concept from the customer, and provide the real product to market.
- We are actively expanding our products and distributors globally.
- We now have distributors around the world, including Europe, UK, Thailand, Middle East, etc.



Trusted companion for child safety



- BabyCare Device is a baby safety and health management system that monitors the baby's abdominal movement, real-time activity status, and sleep record, and provides caregivers with important notifications.
- With the App, BabyCare Device connects to the phone or the tablet via Bluetooth and serves as a health management tracker recording the baby's daily health data.
 - (1) **Abdominal movement monitor** – Focused on the baby's abdominal area, the BabyCare Device can detect all movements, whether the baby is sleeping or awake.
 - (2) **Roll-over position alert** – Accurate and loud alarm provides caregivers with important audible alerts in case of a rollover from sleeping on the back to sleeping on the stomach.
 - (3) **Sleep Record** – Provides parents with information about their baby's night, from how long the baby is sleeping to how often it require caregivers' visits.
 - (4) **Health Management Tracker** – The Familidoo App is free to download and connects to the BabyCare Device via Bluetooth and serves as a health management tracker recording the baby's daily health data such as vaccinations reminder, milk intake record, diaper change status, height, and weight.

Patent



CN



JP



TW



US



GIMER Medical is a Taiwan-based neuromodulation system provider focused on pulsed radiofrequency stimulation therapy. With the mission to provide long-lasting pain relief solutions for people living with chronic pain, the company has designed multiple systems built on its patented pulsed radiofrequency technology "+RF".

Backed by Medtronic, it is now one of the top medical device manufacturers in Taiwan and was honored with the Taiwan Biomedical Show in 2011 and National Innovation Award both in 2016 and 2022.

With the help of a vibrant electronics supply chain, GIMER's high-quality production facility is the first implantable devices facility in Taiwan. In August 2022, GIMER's spinal cord stimulation (SCS) system was granted Investigational Device Exemption (IDE) approval by US FDA, a significant feat by an Asian device maker. Following that approval, GIMER's second product -- wearable stimulation device StimOn -- was also cleared to market in the US. These milestones are solid proof of GIMER Medical's technical ability and potential to build the future of pain management.

Pain Management Solutions



NeuroBlock is a spinal cord stimulation system, with a patented +RF technology that uses a high frequency of 500 kHz and provides effective pain management as an alternative to opioid use. It is designed to help patients who suffer from failed back surgery syndrome or common neuropathic pain. The clinical results show that +RF stimulation is paresthesia-free and it has a long-lasting effect on pain relief, allowing users to have full control of their pain.

StimOn is a wearable TENS device with innovative +RF technology aimed to alleviate symptomatic chronic pain. It is a small, portable, and easy-to-use device. Strong clinical evidence shows that its 15-minute treatment has long-lasting pain relief outcomes. StimOn is used for the symptomatic relief and management of pain and/or as an adjunctive treatment in the management of post-surgical or post-traumatic pain.



Award & Certificate

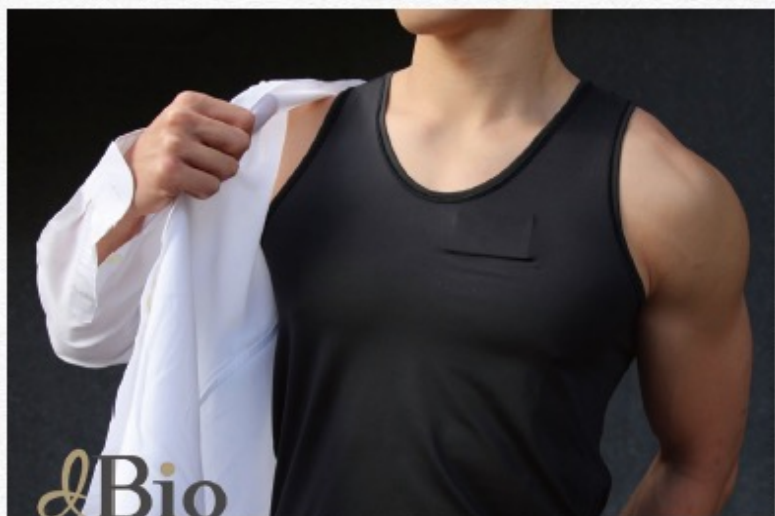


BSI ISO 13485:2016



dBio is committed to using the latest technology AIoT and various micro-sensory devices to integrate people's external movement and internal sensory information and provide integrated information after AI analysis. We strive to build wearable and portable products as a platform for telemedicine, preventive medicine, and exercise management. Through the Internet of Things (IoT) wearable devices, we are able to satisfy all health and exercise management needs and provide the most comfortable and unnoticeable device to produce the most practical health data. We aim to protect the health of you and your family anytime and anywhere and pursue innovative technology and business models that create products that contribute to society and enhance the value of our company as well.

What sports watches can't tell you!



dBio's Wearable Intelligent Stethoscope is an intelligent drive that detects and records users' heartbeat status throughout the day. The sensor is used to visualize heartbeat charts and provide users with a better understanding of their health; however, it is also designed to alert users in case of an abnormality and to call emergency services in the event of an emergency. The sensor itself is unique because it is a thin and compact device that can be worn in many ways; for example, a user could place it in a T-shirt or it could be taped to the users chest, to maximize comfort and flexibility for the users preference.



Patent

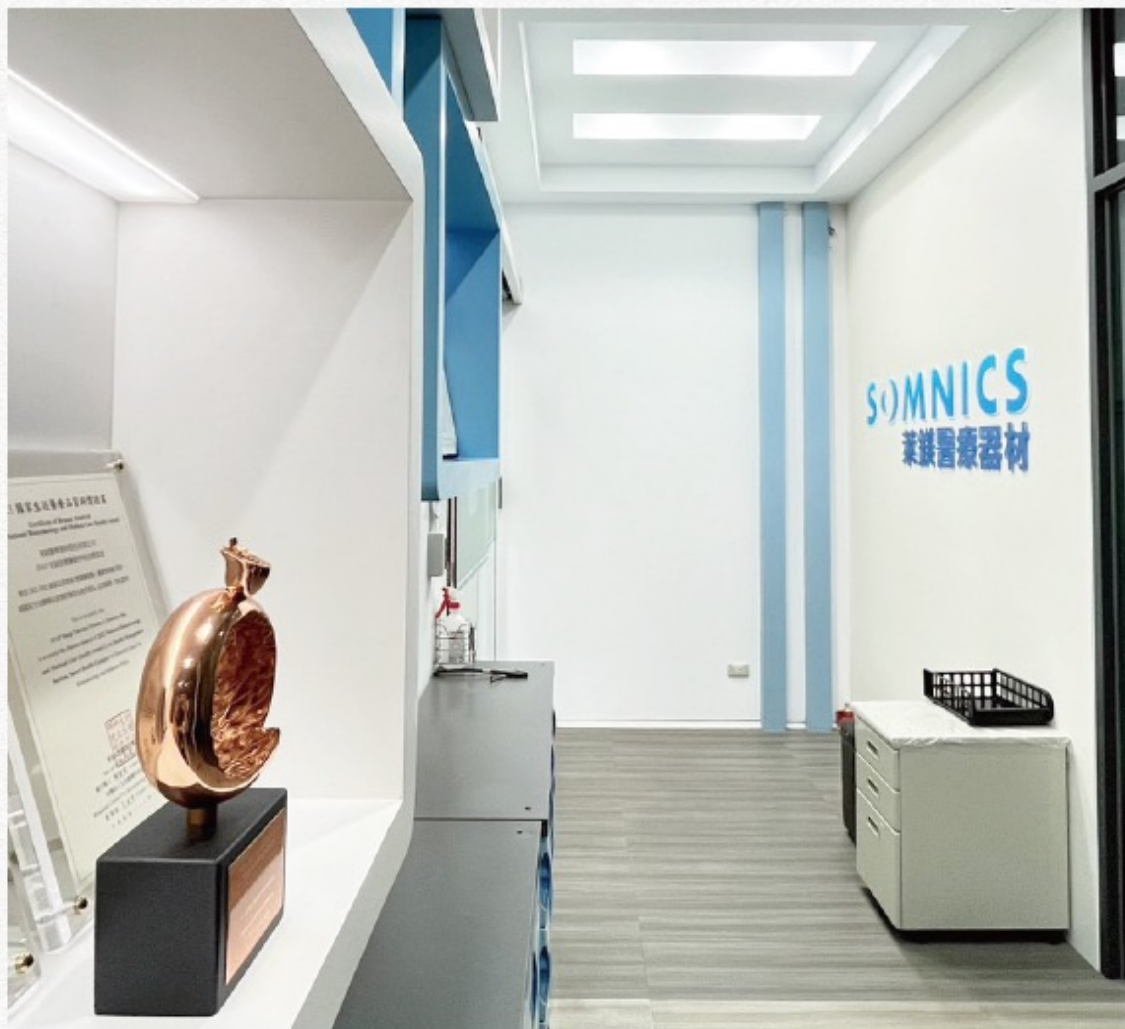


No. 1752889



No. 1771077





Somnics Inc. is a medical device company focusing on developing innovative technologies for the treatment of Obstructive Sleep Apnea (OSA). Somnics was founded in 2011 by Dr. Chung-Chu Chen, who himself suffered OSA and understood the deficiencies of positive air treatment solution, oral appliances, and positional aids. He decided to take matters into his own hands and build a new therapy alternative -- a treatment using intraoral negative air pressure that treated the problem differently and without a mask, the iNAP Sleep Therapy technology, which is clinically proven to be a comfortable and discreet way to treat OSA.

Since then, Somnics has been improving the comfort and efficacy of the iNAP therapy. Now iNAP has been prescribed in countries in Europe, Asia, Australia, and available under a limited launch right now in the US.

At Somnics, its mission is to provide innovative solutions and help to build a healthcare ecosystem to satisfy the unmet needs of patients and physicians on patient-centered and user-friendly solutions for comfortable and restful sleep.

A Novel Treatment for Obstructive Sleep Apnea.



iNAP Sleep Therapy System (iNAP) is a novel medical device for the treatment of Obstructive Sleep Apnea (OSA) in adults of all severities-- mild, moderate, and severe. The system uses a soft, flexible oral interface, thin tubing, and a quiet battery-powered console the size of a smartphone to deliver a light, oral vacuum to comfortably open the airway while breathing normally, naturally through the nose during sleep.

Compared with CPAP therapies, iNAP generates gentle negative pressure pulling the tongue toward the upper palate and the soft palate forward, preventing airway blockage. It quietly treats OSA without masks and noises.

Certificate



ISO
13485:2016

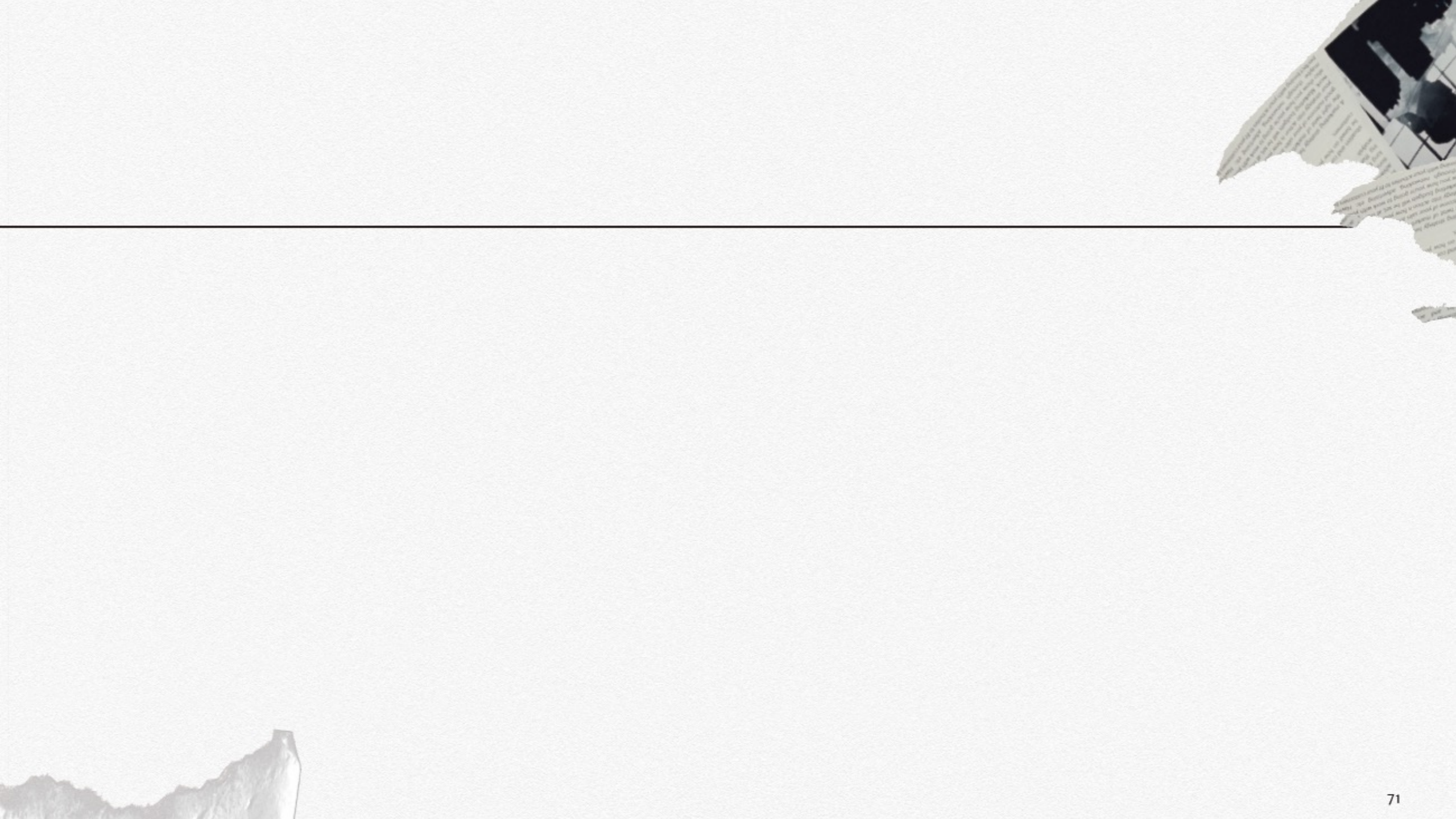


GMP



MEMO





MEMO
