WaveMed

IDATAMAP CORPORATION



For airport retail

AIRPORT SHOP · VENDING · LOUNGE

Three minutes before boarding, reassurance for the whole trip.



Buy it airside, register it at the gate. The app is free, registration takes three minutes and no account is needed. Rescuers in any destination read it in their own language.

Locate	Tap	Read
The blue cross on the body	Back of a smartphone, 1 second	Blood type · allergies · medication · contacts

SCAN THE PATCH. SAVE A LIFE.

RadPatch™ · Personal Emergency Information System Patch

No battery · No internet · 1 second
26 languages · Waterproof

01 · WHAT RADPATCH IS

A patch the size of a fingernail speaks for you.

RadPatch™ is a personal emergency information system patch no bigger than a fingernail. Inside it you keep your blood type, allergies, current medication, diabetes emergency information and emergency contacts. When an accident or sudden illness leaves you unable to speak, anyone nearby holds a smartphone to the patch for one second and the information appears on the screen. No battery, no internet, no login. The information is encrypted inside the patch, not on a hospital server, and only you can change it with your PIN.

Three moves and it is done

01
Locate

Find the RadPatch on the helmet, watch strap, collar, bag or phone case. The blue cross is designed to be seen.

02
Tap

Hold the back of a smartphone (Android 8.0 or newer, or a recent iPhone) to the patch for one second. With WaveMed, or the responders' vWaveMed app, the screen opens by itself.

03
Read

Blood type, allergies, medication, diabetes emergency information and contacts appear in the reader's own language. 26 languages switch automatically, so it works abroad.

What goes inside the patch



- Name · date of birth · sex
- Blood type
- Allergies (drugs, food, insect stings)
- Current medication and doses
- Diabetes emergency information
- Emergency contacts (family, carer)
- Doctor · insurance (optional)

You choose what goes in. Only the information you want is stored.

Why a patch, not paper or an app alone

Needs no power

A passive, battery-free design. Nothing to charge, and what you store stays there until you erase it.

Survives water, sweat and the washing machine

A silicone body with a sealed chip: two layers of waterproofing. Pools, sea water, showers and the washing machine are all fine.

Readable without internet

In a mountain with no signal, a building in a blackout or a disaster zone, one smartphone is enough. If every server is down, the information is still on your body.

Your information stays yours

Stored encrypted, changed only with your four-digit PIN. Readers can only read, and other apps cannot open it.

WHY IT MATTERS · FOR AIRPORT RETAIL

What sells at an airport is the kit of people with no time: neck pillows, adapters, travel insurance. RadPatch is the smallest item beside them. Buy it, open it, install the app, enter your name, blood type and a family number, tap the patch. Three minutes at the gate. In flight, in a strange city and on the way home, the information stays on the body.

02 · IN MOMENTS LIKE THESE

From the airside shop to the gate

60 min before boarding	Buy RadPatch at the shop. The QR on the pack installs the WaveMed app.
At the gate	Enter name, date of birth, blood type and a family number, tap the patch. Photograph the four-digit PIN. Attach to the wrist band.
Destination	A rental-car accident a week later. Local paramedics read the patch on the wrist and the family gets the call. The same patch serves the next trip.

How it is used

Shop display
A small pack by the till. Band and sticker versions, three-step picture guide and QR on the pack.

Lounges and airline counters
A premium-customer gift, produced with the airline's logo.

After the trip
Not single-use. Keep it; when medication changes, update with the PIN.

Vending machines
24-hour airside vending. The app is free, so no staff are needed to explain.

Transit passengers
Long layovers are ideal for registering. A 26-language app lets foreign passengers do it themselves.

Where it goes



Key ring · luggage tag



Wrist



Phone case

Iron-on, hair-straightener or sticker: three ways to attach it. Watch straps, collars, helmets, bags, shoes, phone cases, even a pet collar. Attach it once and it can be read anywhere.

Two apps, both free

WaveMed — for the owner and carer
Enter your information, write it to the patch and update it with your PIN. Includes health logs, a document folder and nearby hospital search.

vWaveMed — for paramedics, emergency responders and fire crews
Used by paramedics, emergency staff, fire crews, hospitals, and also family and neighbours. Tap to read only; nothing can be changed. Shown in the reader's language.

03 · NO PATCH NEEDED. THE APP ALONE

While waiting to board, a travel kit on the phone.

Downloaded at the gate, the free WaveMed app is travel kit even before a patch. Vaccination proof and insurance papers go in; at the destination it finds pharmacies and ERs and calls a car.

KEYWORDS FOR THIS AUDIENCE

Vaccine proof · Lot number | Travel insurance papers kept | Medication reminders | mg/dL and mmol/L side by side | Map · Find the nearest ER | Ride hailing | Medicine Finder · INN | Emergency info in 26 languages

01 Before boarding

"Asked for proof of vaccination on arrival, can a traveller show the vaccine and lot number right away?"

VACCINATION RECORD · PDF

Vaccine, date, dose, type, where it was given, lot number and injection site are kept as one card, and each record exports as a PDF.

"Travel insurance bought in a hurry at the airport: can the traveller pull up the certificate once abroad?"

DOCUMENTS · INSURANCE

Insurance certificates, diagnosis letters and test results go into each person's document folder as photos or PDFs, so a claim never starts with gathering them all again.

"In the minutes before the gate opens, is there somewhere a traveller can note blood type, allergies and medication?"

MY HEALTH INFO · DOCUMENTS

Blood type, allergies, medications, diabetes emergency information and emergency contacts, written down once. Scans and reports go in as photos or PDFs, ready to show the moment somebody asks.

02 On a layover

"After a long flight and a connection, can a traveller be sure today's pills were taken?"

MEDICATION SCHEDULE · COMPLETED

Name, dose, time and times per day become a dated schedule. Each dose is marked Completed as it is taken, so a missed one stands out, with reminders and calendar sync.

"A diabetic traveller connecting to a country that counts blood sugar differently: can they show their numbers that way?"

BLOOD SUGAR LOG

Enter it once and both units appear together: 120 mg/dL (6.7 mmol/L). Nothing to convert. Calendar, 30-day trend and PDF work the same either way.

03 On arrival

"In a city they have just landed in, can a traveller find the nearest ER or open pharmacy?"

MAP · FIND CARE

A 300 m radius is drawn around where you stand, and hospitals, clinics and pharmacies are found out to 2.5 km and listed nearest first, with routes and travel time.

"Where both the language and the ride apps are unfamiliar, how does a traveller get a car to hospital?"

MAP · RIDE HAILING

Drop the pin on where you are going and the app opens with the destination already filled in. Uber, Bolt, Grab, Kakao and the services people actually use in that country are added automatically, around 60 countries.

04 In a strange city

“When the medicine a traveller packed runs out, how do they explain it to a local pharmacist?”

MEDICINE FINDER

A thousand of the world's most-used medicines, carried in 26 languages. Switch the language inside the screen and the same medicine appears in theirs. When words fail, hand over the phone.

“A local pharmacy hands over a box with an unfamiliar name. Can the traveller check it is the same drug?”

MEDICINE FINDER · INN

Every entry carries its English INN, the international non-proprietary name. Show the local name and the INN side by side and the pharmacist can confirm it on the spot.

“On a road with no address and no signs, how does a traveller in a hire car tell anyone where they are?”

MAP · SATELLITE · SHARE

Switch to satellite and the buildings and terrain are simply there. GPS holds without a signal, a map you have already looked at is kept, and coordinates and a link still send on a weak connection.

05 When they cannot speak

“Whatever language a passenger speaks, can their emergency details be shown in the language of the destination?”

EMERGENCY INFO · REPORT LANGUAGE

Change the app's language and the emergency screen and the report follow, in 26 languages. Anything chosen from a list comes out translated; notes you typed yourself stay as you wrote them.

“And when a traveller cannot speak, who tells anyone their blood type and allergies?”

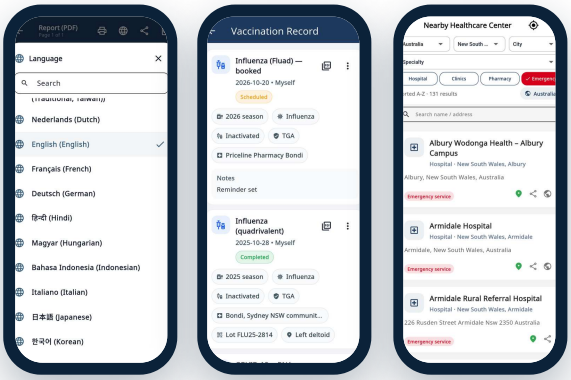
EMERGENCY INFO

The emergency screen opens without a lock: blood type, allergies, medications, diabetes emergency information and next of kin on one page. This is the point where a patch starts to matter.

NEXT — OPTIONAL

The patch is for the moment you cannot speak for yourself.

Use the app for a while and one problem is left over: who opens your record when you are unconscious, or when your phone is not with you. RadPatch solves that one thing. Whatever you put in the app today carries straight across the day you add a patch.



Emergency info | Vaccination record | Find hospitals

04 · ECOSYSTEM · HOW IT IS MADE

Everything connects around one patch.

RadPatch is never used alone. The owner's app, the responders' app, the desktop that organisations use for bulk registration, the ride call that gets you to hospital, the wallet-sized RadCard and the cloud all form one system around a single patch. There are 120 scenarios, and one solution.



120 scenarios, one solution — WaveMed Magazine Special Issue 03, "The Technology Solution"

WaveMed — for the general population

Enter your own and your family's emergency information, write it to the patch, and keep health logs and documents.

vWaveMed — for paramedics and emergency responders

One-second read at the scene. Read-only, nothing can be changed, shown in the reader's language.

WaveMed Desktop Intelligent Manager

Hospitals, organisations and groups register hundreds of people in list order with a reader. The centre of the hospital supply model.

Emergency Ride Call

Uber, Kakao T, Bolt, Grab and the other ride services of that country, straight to the nearest hospital.

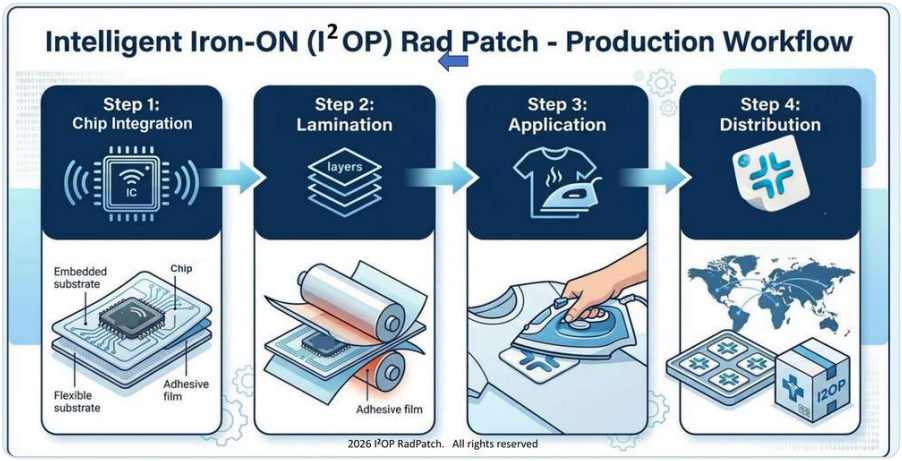
RadPatch · RadCard

A patch worn on the body and a card carried in the wallet. Same data format, so the same apps read either.

Path A · Path B

Two supply paths — Path A: individuals register with the app · Path B: organisations issue in bulk with the desktop

Intelligent Iron-ON (I²OP) production workflow



1 · Chip integration

The chip and antenna are embedded in a flexible substrate and covered with adhesive film.

2 · Lamination

Several layers are pressed with heat into one thin patch.

3 · Application

Iron, hair straightener or sticker attaches it to clothing, gear and bags.

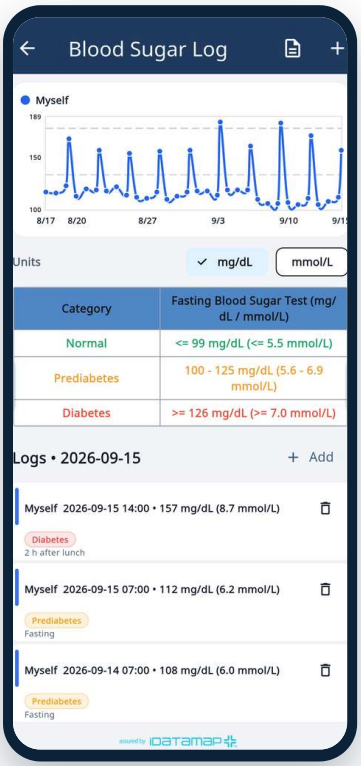
4 · Distribution

Only genuine, certified patches can be written by the apps. Supplied to partners worldwide.

05 · HEALTH MANAGEMENT IN THE APP

Numbers kept as records. Trends shown as graphs.

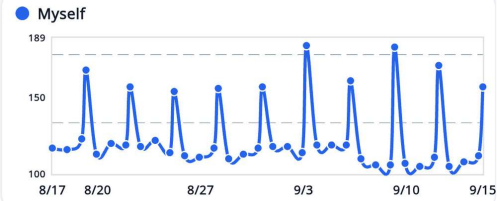
Blood sugar, blood pressure, medication, supplements and vaccinations. Log them by date and the app builds the calendar and a 30-day trend graph, ready to export as a PDF. No patch and no account needed to start today.



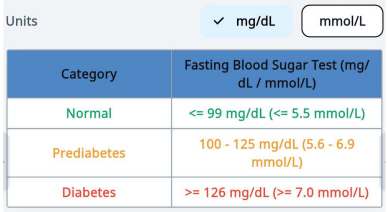
01

Blood sugar: a 30-day trend in both units

Each fasting or after-meal reading lands straight on the 30-day trend graph. Enter it once and mg/dL and mmol/L appear together, with the fasting reference table (normal, prediabetes, diabetes) on the same screen.



30-day trend graph



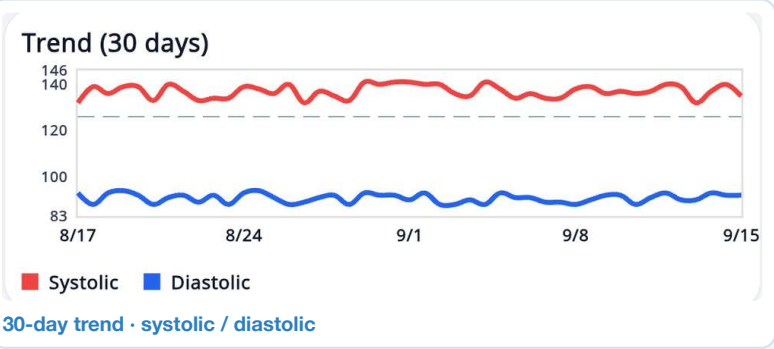
mg/dL ↔ mmol/L · fasting reference table

mg/dL ↔ mmol/L together · Fasting · 2 h after a meal · Calendar · PDF export

02

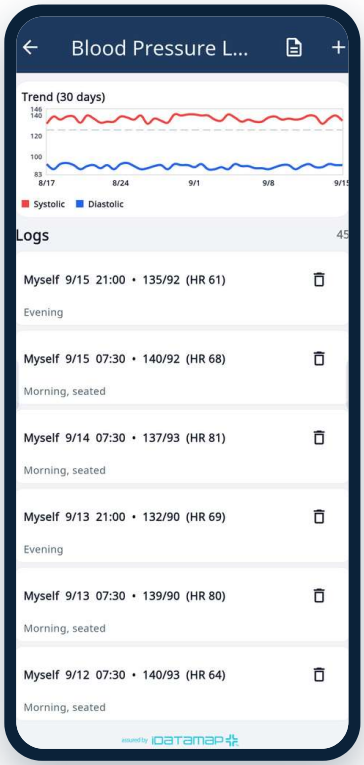
Blood pressure and heart rate at a glance

Systolic and diastolic pressure draw side by side as a 30-day trend. Every entry keeps the heart rate (HR) and a note such as "morning, seated" or "evening", so you know how each reading was taken.



30-day trend · systolic / diastolic

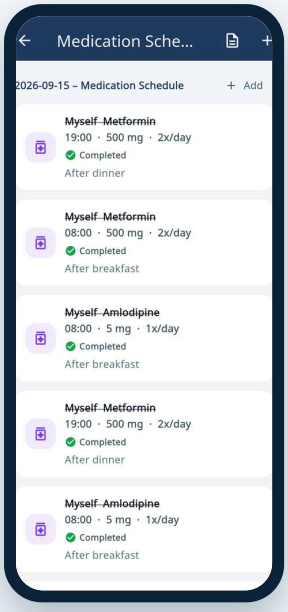
Systolic · diastolic 30-day trend · Heart rate on every entry · Notes on how it was measured



Real WaveMed app screens (demo data).

05 · HEALTH MANAGEMENT IN THE APP · 2

Medication, supplements, vaccines, and one dashboard.

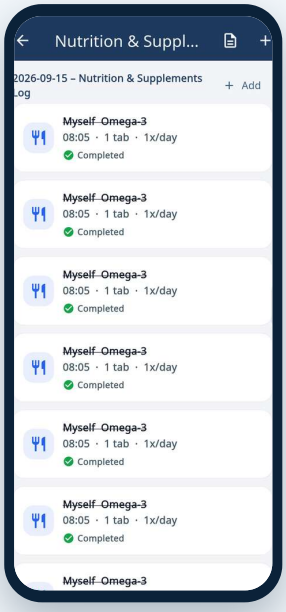


03

Medication schedule: taken, and recorded

Name, dose, time and times per day become a dated schedule. Each dose is marked Completed as it is taken, so a missed one stands out, with reminders and calendar sync.

- **Completed marks**
- **Reminders · calendar**

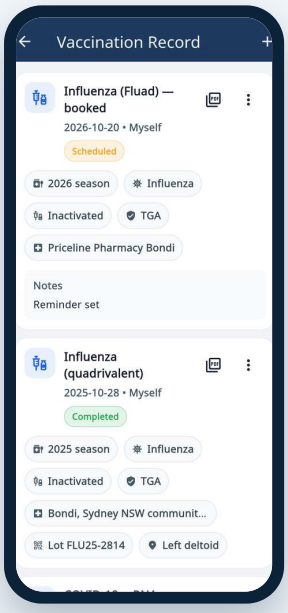


04

Nutrition & supplements: what, and how much

Product, dose, time of day and times per day, logged by date, with a 30-day trend and a PDF. Supplements and prescriptions can be seen as one list.

- **Logged by date**
- **30-day trend · PDF**

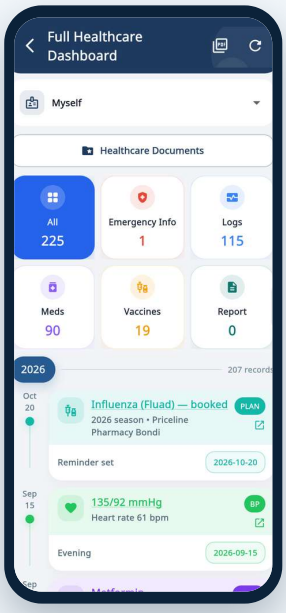


05

Vaccination record, for the day proof is needed

Vaccine, date, dose, type, where it was given, lot number and injection site are kept as one card, and each record exports as a PDF.

- **Lot number · site**
- **PDF per record**

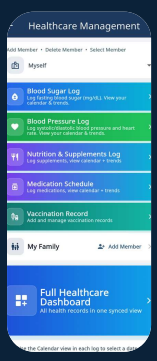


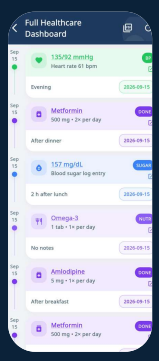
06

Full Healthcare Dashboard

Blood sugar, blood pressure, medication, supplements, vaccines and emergency info join one dated timeline. Counts by type sit up front, Healthcare Documents is one tap away, and the view exports as a PDF.

- **One timeline**
- **Healthcare Documents · PDF**





WAVEMED

One family member at a time

On the Healthcare Management home screen, select yourself or a family member and keep each person's records apart.

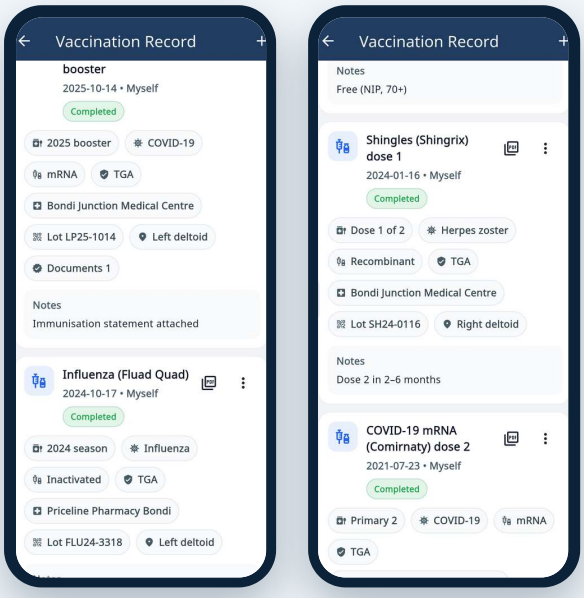
Real WaveMed app screens (demo data).

05 · VACCINATION CERTIFICATES AND DOCUMENTS

Certificates attached to the record. Papers filed by folder.

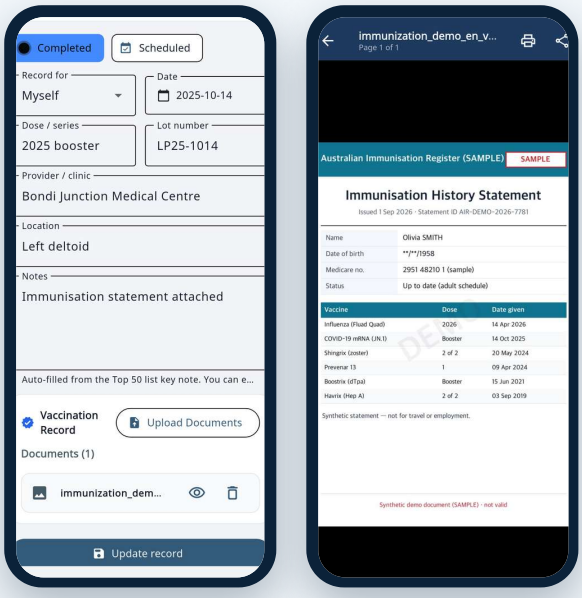
Vaccination history, travel vaccines included

Influenza, shingles, COVID-19, Tdap, hepatitis A and travel vaccines such as typhoid build up as dated cards, each with dose, vaccine type, where it was given, lot number, injection site and a note.



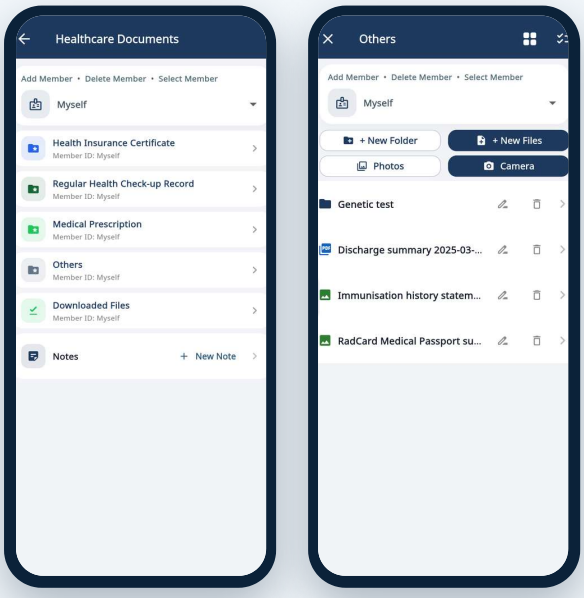
Attach the certificate to the record

Upload the vaccination certificate as a document on each record. Choose the vaccine and the disease, vaccine type and authority fill in; the attached certificate opens inside the app, ready to print.



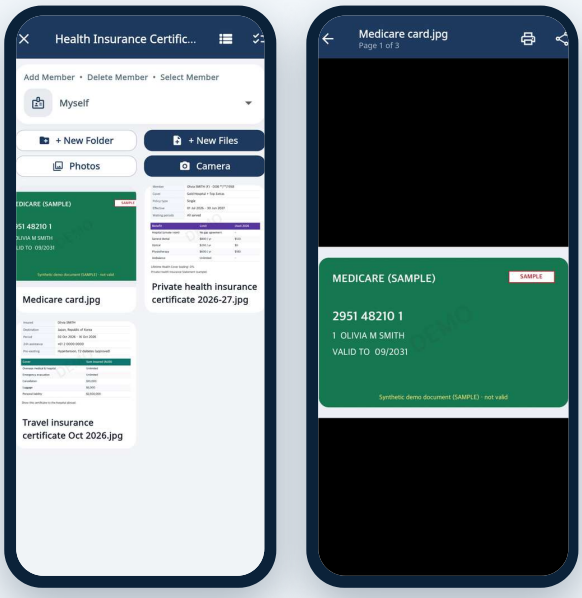
Healthcare documents, filed by folder

Insurance certificates, check-up records, prescription lists, other papers and downloaded files each have a folder, for every family member. Add a new folder or file, a photo, or use the camera.



Insurance certificates, open when needed

Health insurance eligibility statements and private medical or travel insurance certificates show as thumbnails, and open full-screen to show or print.



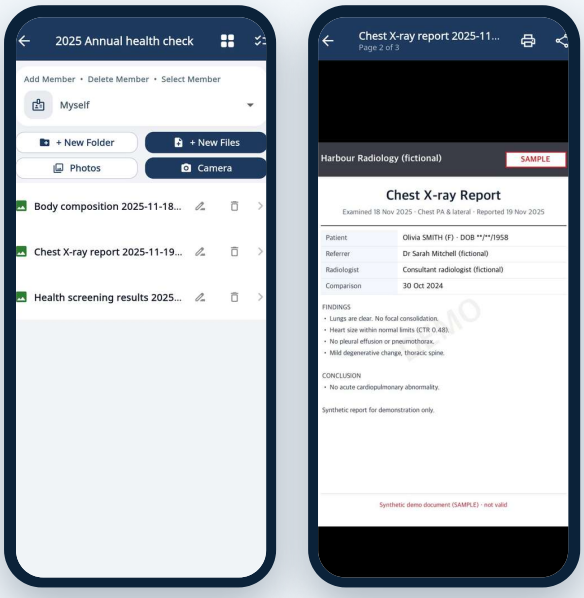
Real WaveMed app screens (demo data).

05 · CHECK-UPS, PRESCRIPTIONS AND LANGUAGES

Paper kept as photos. Emergency info and medicines in their language.

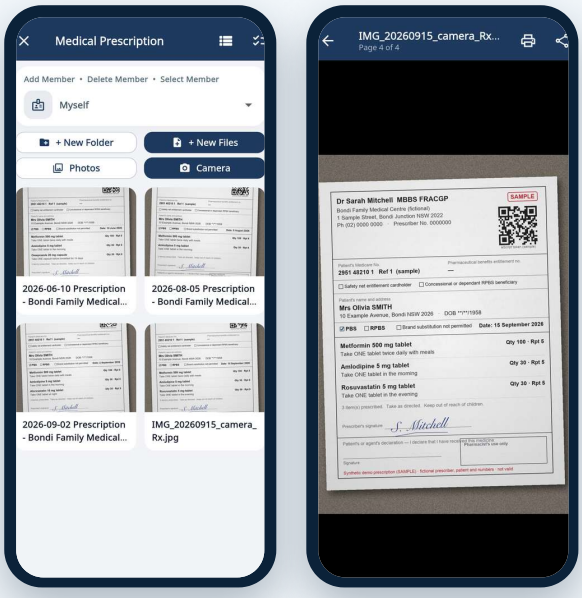
Check-up records, one folder a year

Make a folder for each year's national health screening and keep the results letter, chest X-ray report and blood test results inside. Browse them as thumbnails and open any one to read.



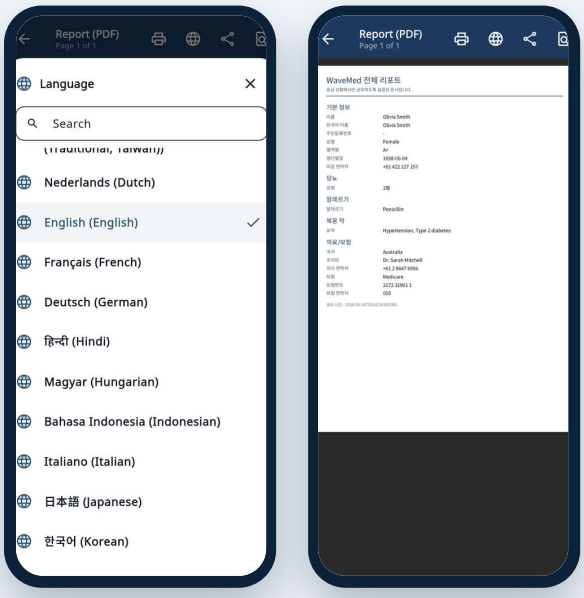
Upload a prescription with the camera

Tap Camera in the prescription list and photograph the paper prescription; it goes straight into that person's folder as a dated file. No more loose papers from every pharmacy.



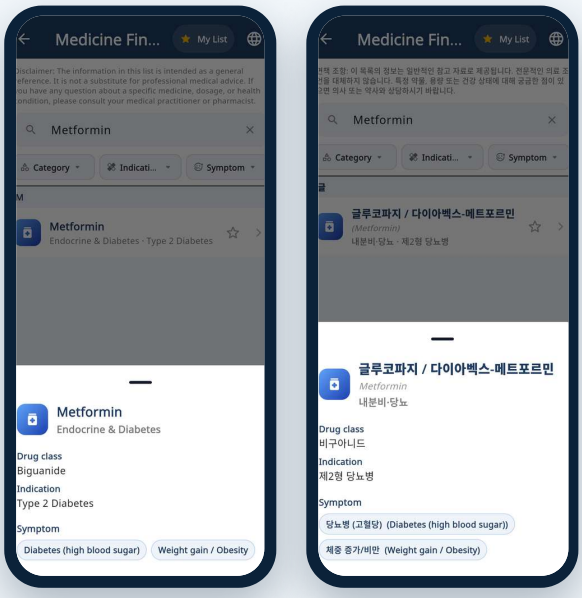
Emergency report: pick a language, on the spot

Choose a language on the report screen and the same emergency information is rebuilt in it, in 26 languages. Headings and items chosen from a list change to that language; notes you typed stay as you wrote them.



Medicine Finder: your medicine in the local language

Search by name and the brand names appear with the English INN, drug class and indication. Switch the language on the screen and the same medicine changes to that language: 1,000 medicines, 26 languages.



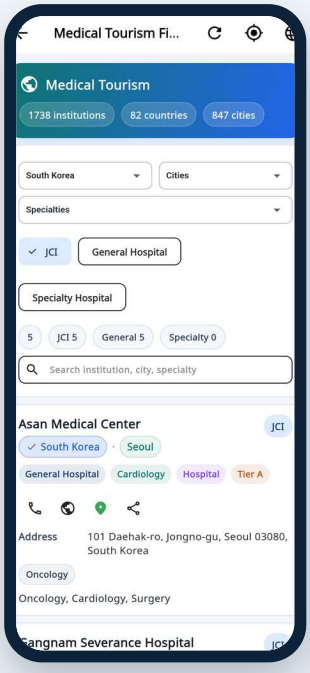
Real WaveMed app screens (demo data).

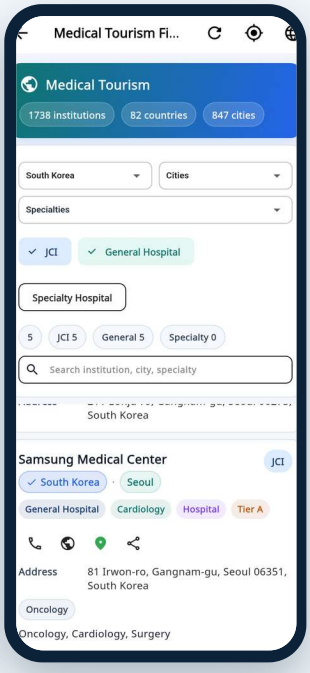
05 · ABROAD, AND WHEN IT IS URGENT

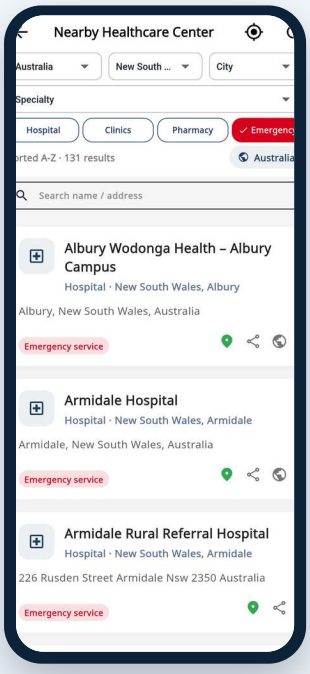
Hospitals and the way there, even somewhere new.

Medical tourism: 1,738 facilities in 82 countries

Search hospitals abroad by country, city and specialty, and narrow the list to JCI-accredited, general or specialist hospitals. Each one shows its address, phone, website and map location.

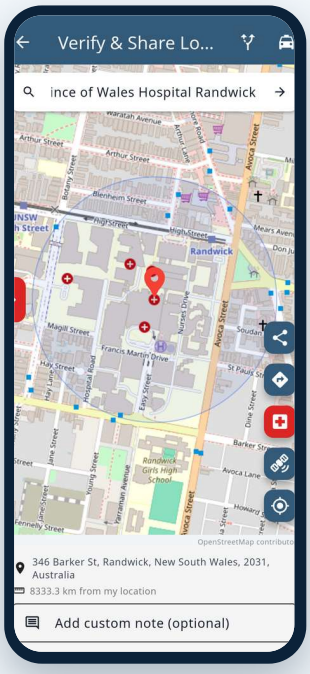






Nearby medical centres: find an emergency room

Choose country, city and specialty, filter by hospital, clinic, pharmacy or emergency centre, and hospitals that run an emergency room are marked. Search by name or address and open the map location in one tap.



Verify & share location, on one map

Search a place and the map shows the pin and the hospitals around it, with the address and the distance from where you are. Share, directions and ride buttons sit on the map, and you can add a note before sending.

Real WaveMed app screens (demo data).

GALLERY

Where it goes — anywhere

Watch straps, collars, bags, helmets, shoes, phone cases, pet collars. Attach it once and the same information is read anywhere.



Where it is read

Pilgrimage, mountains, aircraft, hospitals, industrial sites, disaster zones. Shown in the reader's language.



06 · GETTING STARTED

Five minutes today and you are ready.

1
Install the app
Scan the QR code and get WaveMed from Google Play / App Store. It is free and needs no account.

2
Enter your details and write the patch
Name, date of birth, blood type and an emergency contact; add allergies and medication as needed. Hold the phone to the patch to save. A four-digit PIN appears. Write it down.

3
Attach it and forget it
Put it where you always carry it. When your medication changes, read the patch, enter the PIN and update. Nothing else to do.

Get WaveMed on Google Play / App Store · Free

WaveMed	WaveMed	vWaveMed	vWaveMed
Google Play	App Store	Google Play	App Store

At a glance

Size	Fingernail-sized (from 3.5 × 3.5 mm), thin and flexible
Material	Silicone · machine washable
Waterproof	Double sealed (silicone body + sealed chip)
Power	None (passive)
Reading	Any smartphone, 1 second · no internet needed
Security	Encrypted · 4-digit PIN · only genuine patches can be written
Languages	26, shown automatically
Apps	WaveMed (owner) · vWaveMed (paramedics, responders, fire crews) · free

Frequently asked questions

Q. Who handles customer questions after the sale?
The QR on the pack opens the user guide and videos in 26 languages. The shop only needs to sell.

Q. Which phones can read it?
Any current smartphone. Most Android phones on 8.0 or newer, and recent iPhones.

Q. Can strangers read my private information?
The patch holds only what you chose to show in an emergency. Changing or erasing it needs the PIN, and apps other than the WaveMed family cannot open it.

WORKING TOGETHER

Working with airport retailers

1. We supply small packs (band/sticker) and display stands for shops and vending machines.
2. The pack can carry the shop's or airport's logo.
3. Start on consignment or outright purchase.

Even without a patch, the app alone gives you

Your health log
Blood pressure, blood sugar, medication and supplements by date, with a 30-day trend.

Document folder
Check-up results, prescriptions and vaccination certificates as photos or PDFs, ready when asked.

Family records
Separate records for your children and parents, printed as a one-page report.

Fastest nearby hospital and pharmacy search
Every hospital and pharmacy around you, nearest first, with the country's emergency number.

Local transport in every country
Uber, Kakao T, Bolt, Grab and the other ride services of that country, one tap to the hospital.

iDataMap Corporation Pty Ltd · Radcard Korea Co., Ltd.
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