WaveMed

IDATAMAP CORPORATION



For expecting mothers

PREGNANCY · BIRTH · AFTER BIRTH

The smallest preparation for two lives.



Weeks of pregnancy, blood type, the hospital you will give birth in, complications, your doctor's number. What a paramedic needs first if you collapse in the street, on your wrist and bag.

Locate

The blue cross on the body

Tap

Back of a smartphone, 1 second

Read

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 EXPECTING MOTHERS

An emergency in pregnancy concerns two lives. Paramedics need the gestational age, the blood type (especially Rh negative), gestational diabetes or hypertension and the planned birth hospital to decide treatment and transport. If the mother is unconscious or shares no language, nobody has those answers. RadPatch on the wrist band and bag shows them in one second, and after the birth the same patch continues as the baby's record.

02 · IN MOMENTS LIKE THESE

34 weeks, a department-store escalator

14:15	A mother at 34 weeks collapses with dizziness. She is alone and her phone is locked.
14:17	A staff member reads her wrist band: 34 weeks, Rh negative, gestational hypertension, the birth hospital and doctor, her husband's number.
14:40	Paramedics take her straight to the planned hospital, which received her blood-pressure history before arrival. Her husband is waiting there.

How it is used

Weeks and blood type
Rh negative, twins, due date. A paramedic's first decision points.

Planned hospital
Hospital name and doctor's number. You go to the prepared hospital, not a strange one.

Maternity clinics and postnatal centres
Registered at an antenatal visit, on a band carrying the clinic's name.

Complications
Gestational diabetes, hypertension, placenta praevia. The information that decides the receiving hospital.

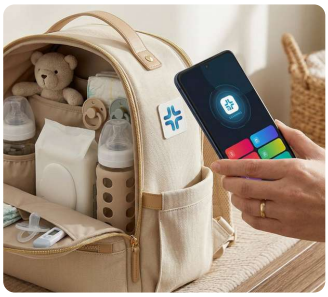
To the baby after birth
Gestational age, weight and blood type move to the carrier and nappy bag.

Birth or travel abroad
Pregnancy details shown in the local paramedics' language.

Where it goes


Expecting mother


Wrist band


Nappy bag after birth


Baby carrier

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

Two lives on record, on one phone.

The free WaveMed app keeps blood sugar, blood pressure and supplement logs and check-up results together through pregnancy, no patch needed. After the birth, your baby's vaccination record carries on from the same phone.

KEYWORDS FOR THIS AUDIENCE

30-day blood sugar & BP trend · Supplement log · Check-up results kept together · Insurance papers for claims · Baby's own record · My Family · Baby vaccinations & certificates · Dated growth & rash photos · Emergency info in 26 languages

01 Every day, expecting

> **Fasting and after-meal readings in pregnancy: can you show how your blood sugar moved over the month, as a graph?**

BLOOD SUGAR LOG · 30-DAY TREND

Enter fasting and after-meal readings and a 30-day trend graph draws itself. mg/dL and mmol/L appear together, with the fasting reference table (normal, prediabetes, diabetes) on the same screen.

> **In the last weeks, can you say where your blood pressure and heart rate have been, from a record rather than memory?**

BLOOD PRESSURE LOG · HEART RATE

Systolic and diastolic pressure draw as a 30-day trend, and every entry keeps the heart rate and a note such as "morning, seated".

> **The supplements you take while pregnant: is there anywhere that says what, how much and when?**

NUTRITION & SUPPLEMENTS

Product, dose, time of day and how many times a day, logged by date, with a 30-day trend and a PDF. Whether one clashes with a prescription can only be judged from the list.

02 Check-ups and papers

> **Antenatal check-up results keep piling up. Are they kept where you can compare them with last time?**

CHECK-UP RECORD

Keep each check-up's results in one place and watch how the numbers have moved. Photograph the printout and it goes in beside them. No hunting through a drawer for the last one.

> **A vaccine you had during pregnancy: could you name its type, date and lot number on the spot?**

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.

> **The hospital bag is packed. Are your blood type, medications and emergency contacts written down in one place?**

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.

> **Your insurance certificate and the papers a birth-related claim needs: can you pull them up when asked?**

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.

03 Once baby arrives

“Once the baby arrives, can one phone keep mother's and baby's records apart?”

MY FAMILY · SELECT MEMBER

Add and select members on the Healthcare Management home screen, and each person keeps their own blood sugar, blood pressure, medication and vaccination records.

“Years from now, could you say which hospital gave your baby which vaccine, and when?”

FAMILY · IMMUNISATION

Each family member gets their own record. Keep the vaccination history together with the certificates themselves, and print a report in your child's name when the school asks for one.

“A rash or a small scratch on your baby's skin: are you keeping dated photos of it?”

DOCUMENTS · CAMERA

Take the photo in the app and it attaches to that person's record, dated. Changes read as a sequence, and you share only the pictures you choose.

04 When you cannot speak

“If you collapsed while travelling or giving birth abroad, could your emergency details be read in the local language?”

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.

“Alone, dizzy and down, unable to speak: who tells them your blood type and your medication?”

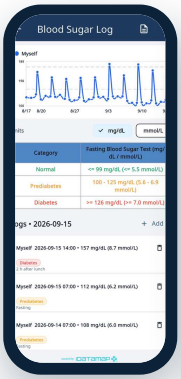
EMERGENCY INFO

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.

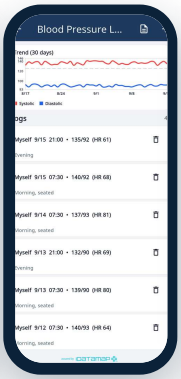
NEXT — OPTIONAL

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

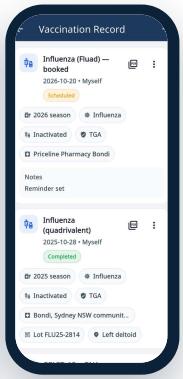
Use the app for a while and one problem is left over: who opens your record when you are unconscious, or when your phone is not with you. RadPatch solves that one thing. Whatever you put in the app today carries straight across the day you add a patch.



Blood sugar log



Blood pressure log



Vaccination record

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.

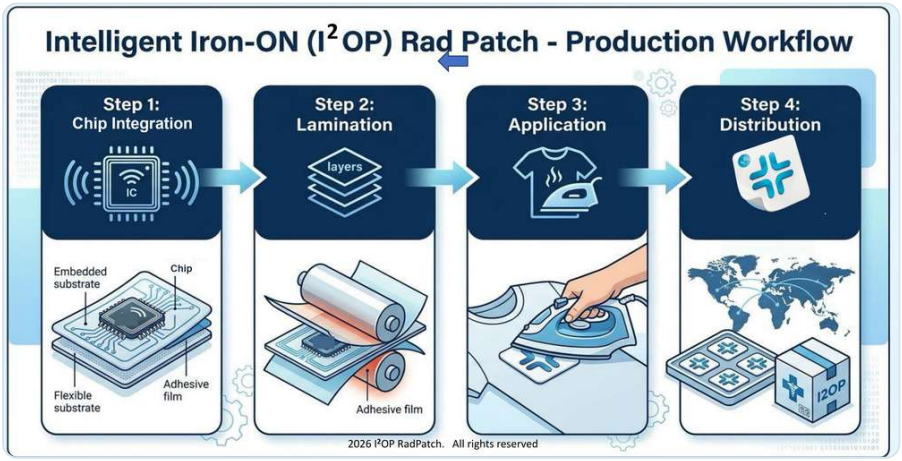
RadPatch · RadCard

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.

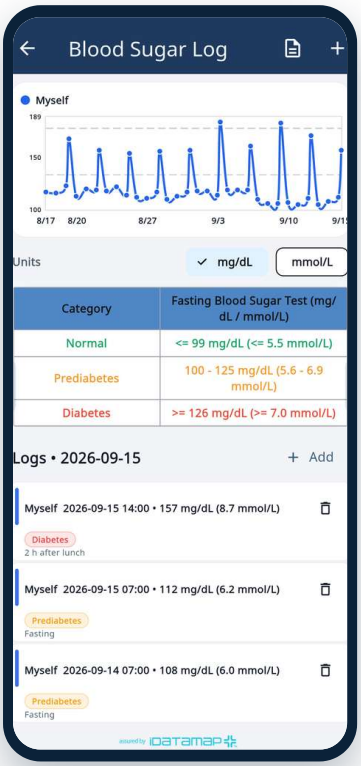
4 · Distribution

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.

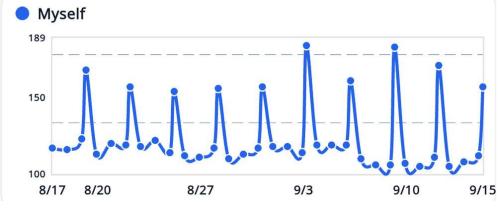
Blood sugar, blood pressure, medication, supplements and vaccinations. Log them by date and the app builds the calendar and a 30-day trend graph, ready to export as a PDF. No patch and no account needed to start today.



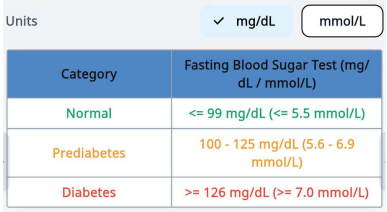
01

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



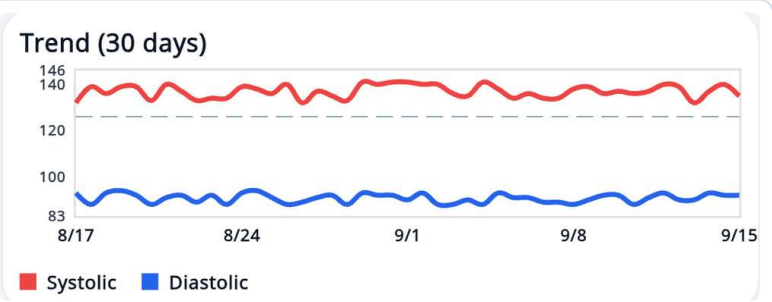
mg/dL ↔ mmol/L · fasting reference table

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

02

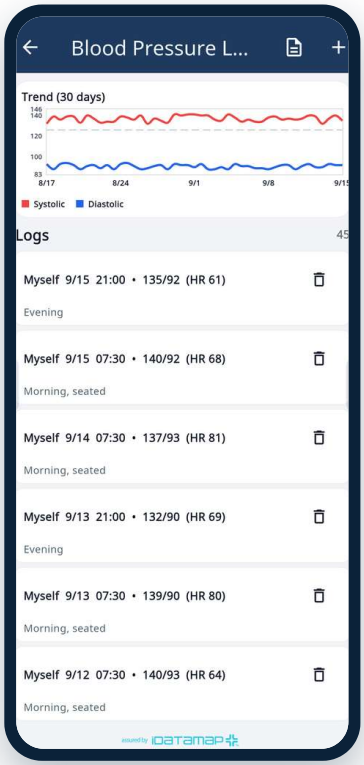
Blood pressure and heart rate at a glance

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

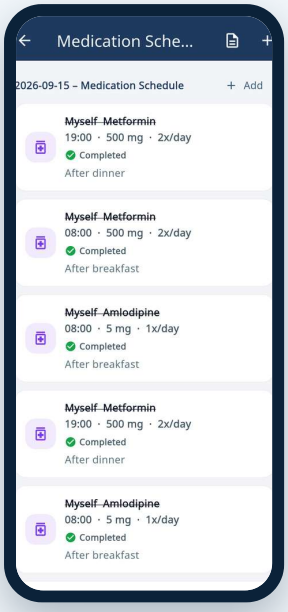
Systolic · diastolic 30-day trend · Heart rate on every entry · Notes on how it was measured



Real WaveMed app screens (demo data).

05 · HEALTH MANAGEMENT IN THE APP · 2

Medication, supplements, vaccines, and one dashboard.

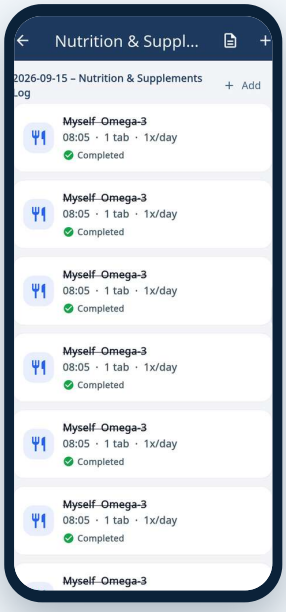


03

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**

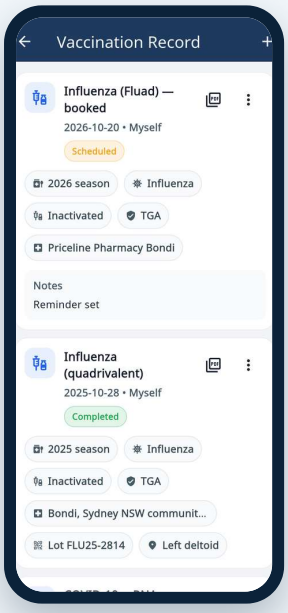


04

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**

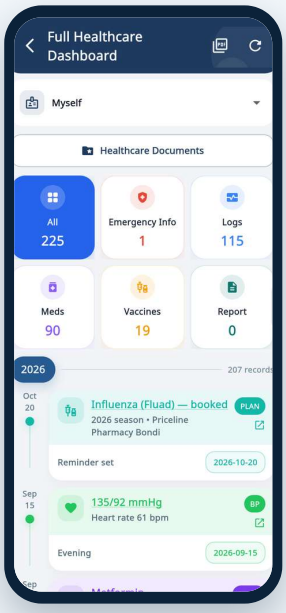


05

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**

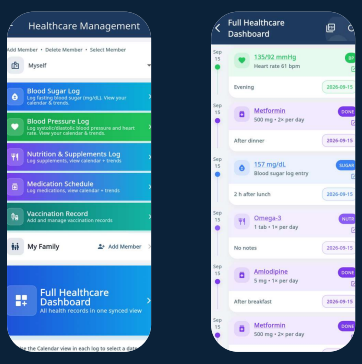


06

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.

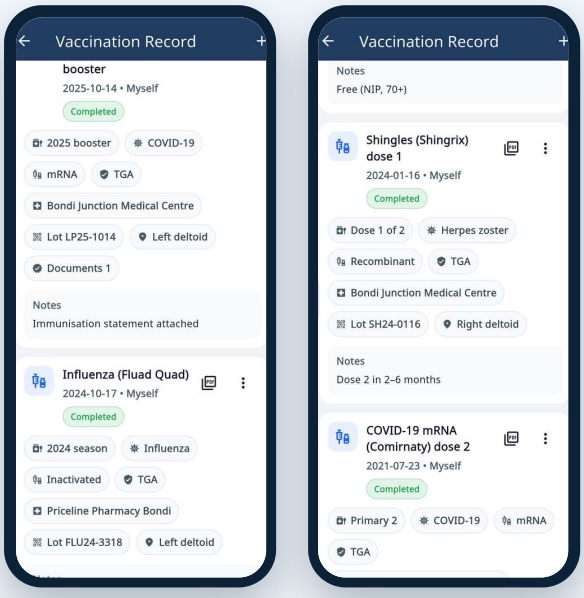
Real WaveMed app screens (demo data).

05 · VACCINATION CERTIFICATES AND DOCUMENTS

Certificates attached to the record. Papers filed by folder.

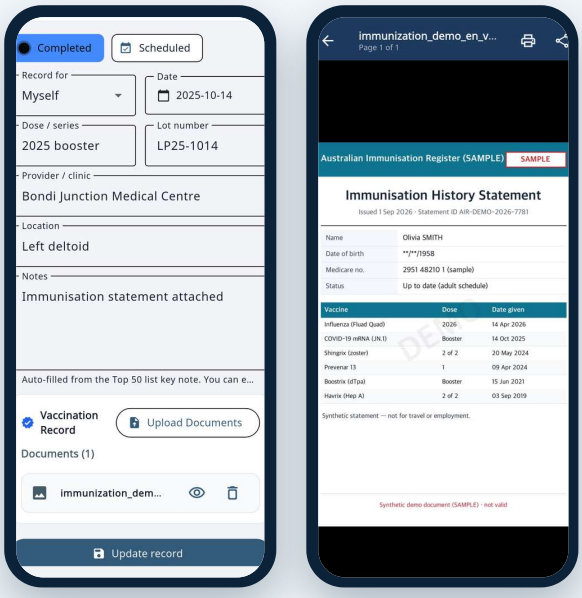
Vaccination history, travel vaccines included

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.



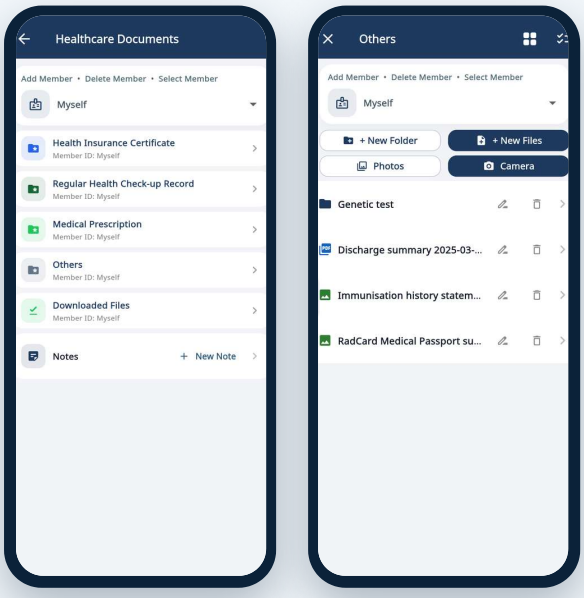
Attach the certificate to the record

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.



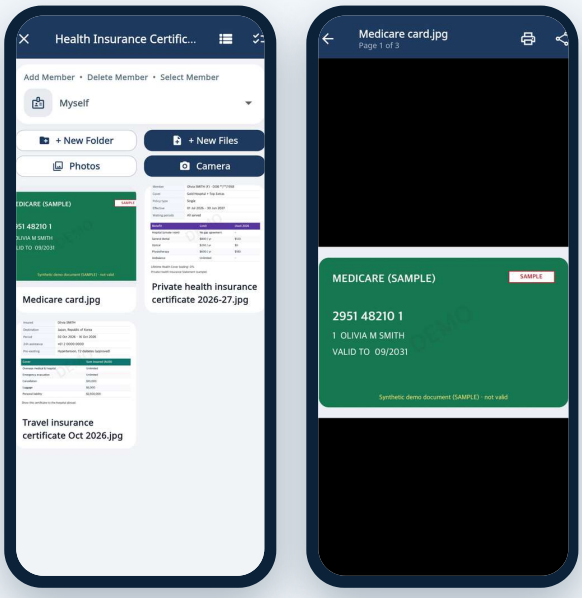
Healthcare documents, filed by folder

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.



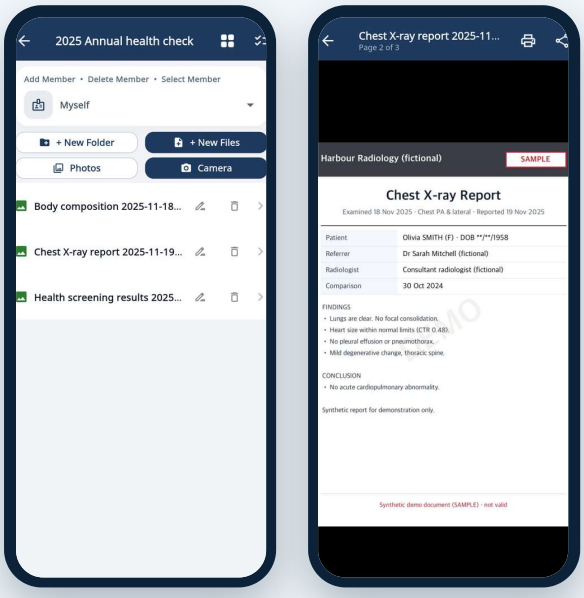
Real WaveMed app screens (demo data).

05 · CHECK-UPS, PRESCRIPTIONS AND LANGUAGES

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

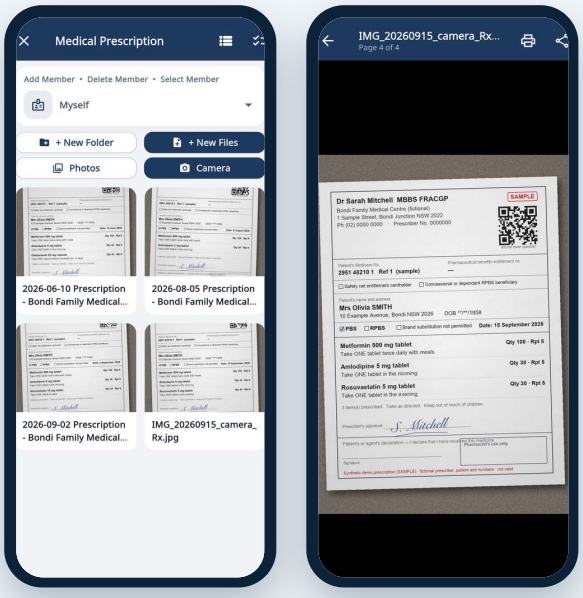
Check-up records, one folder a year

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.



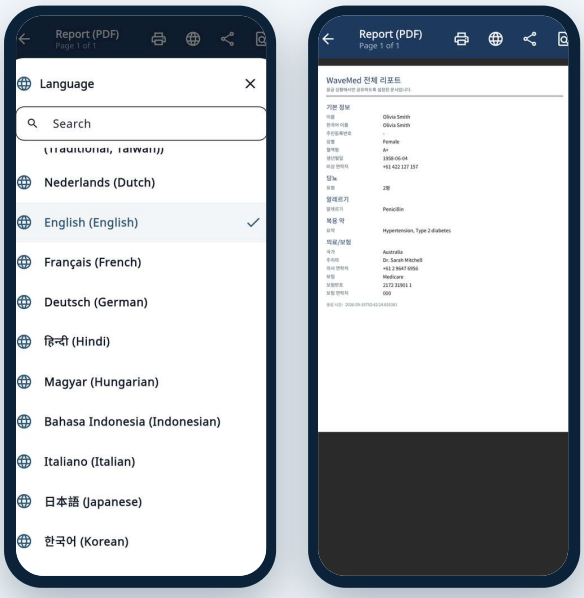
Upload a prescription with the camera

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.



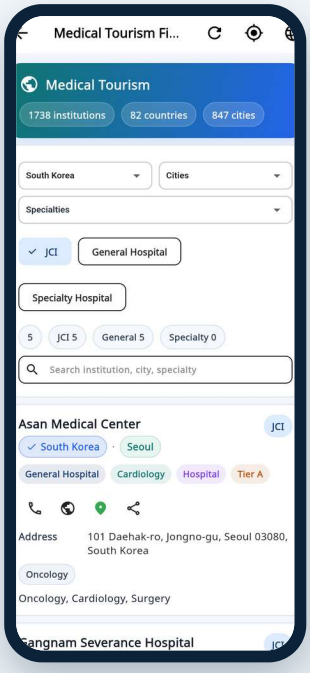
Real WaveMed app screens (demo data).

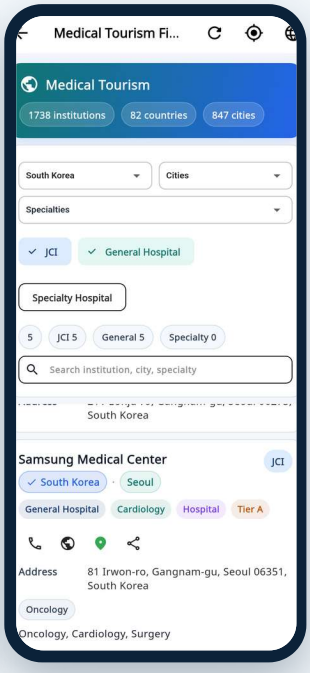
05 · ABROAD, AND WHEN IT IS URGENT

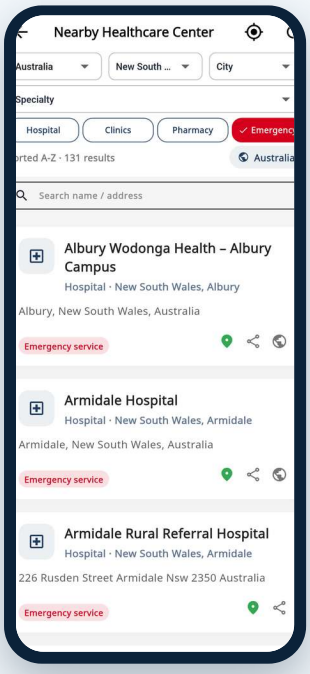
Hospitals and the way there, even somewhere new.

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.

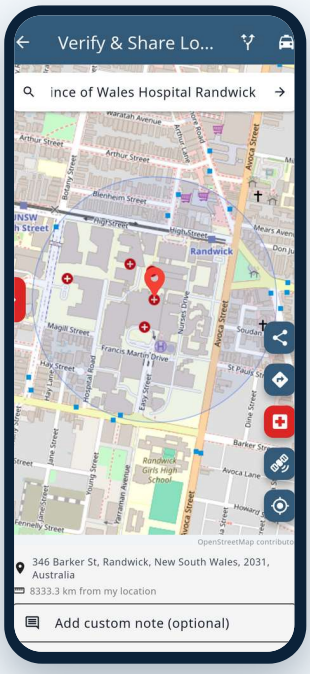






Nearby medical centres: find an emergency room

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. Is it safe to wear during pregnancy?
It never touches the skin: it goes on the wrist band, clothing and bag. It has no power source and emits nothing.

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 maternity clinics, postnatal centres and health offices

1. Registration at antenatal visits (three app steps) and clinic-logo bands.
2. A guide to moving the record to the baby after birth.
3. Linked to public maternal registration programmes.

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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RadPatch and WaveMed store and display emergency information you entered yourself. They do not replace medical care or first aid. In an emergency, call your local emergency number first.

WaveMed



When you cannot speak, the patch speaks for you.

RadPatch is the smallest way to carry the emergency information you chose, on your body. No battery, no internet, no account.

Get WaveMed on Google Play / App Store

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SCAN THE PATCH. SAVE A LIFE.

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