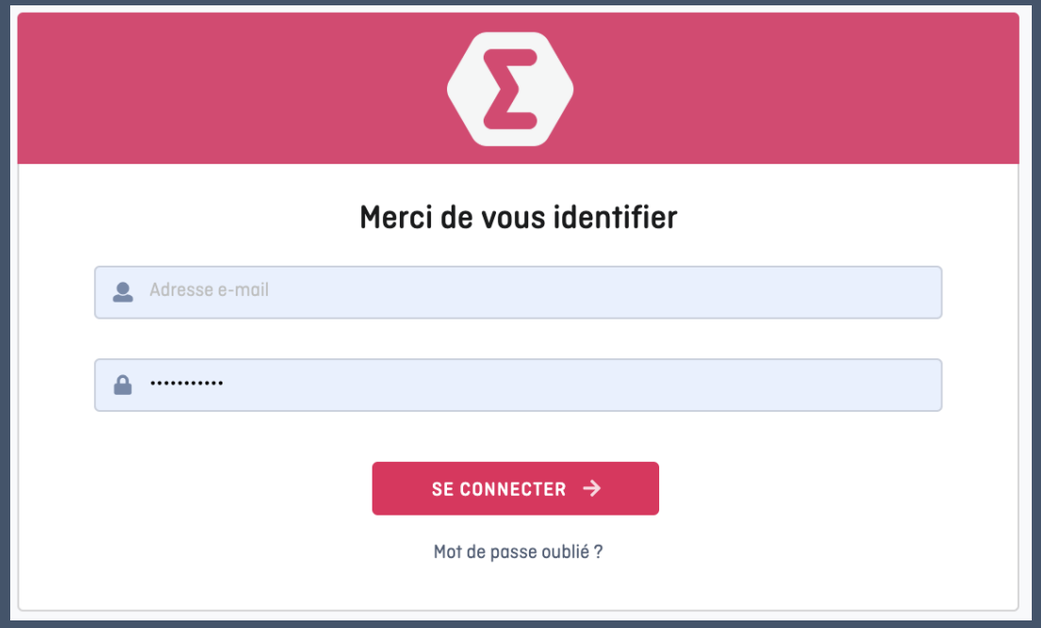
Sêmeia

Our healthcare solutions



November 2020

Who are we?

SÊMEIA

We are a French start-up that develops
a new generation of patient follow-up
and support solutions based on AI technology

Our ambition

Optimize medical time
for care team

Improve medical
actions coordination

Use AI
to enhance medical
decision-making

What are our products?

nephrowise

Kidney transplant
stage 4 chronic
kidney disease

oncowise

Breast cancer
Hematology

pneumowise

Kidney transplant

mentalwise

Bipolar disorders
Depression

immunowise

Rheumatoid
arthritis

surgerywise

cardiowise

Heart failure
Diabetes
Stroke

Sêmeia offers the essential tools to simplify and improve patient follow-up

Medical prescription

Automatic capture of medical data

Working time management

Teleconsultation and secured chat

Relevant alerts

+ predictive and clinical algorithms

Our expert system enables customized follow-up according to patient risk profile

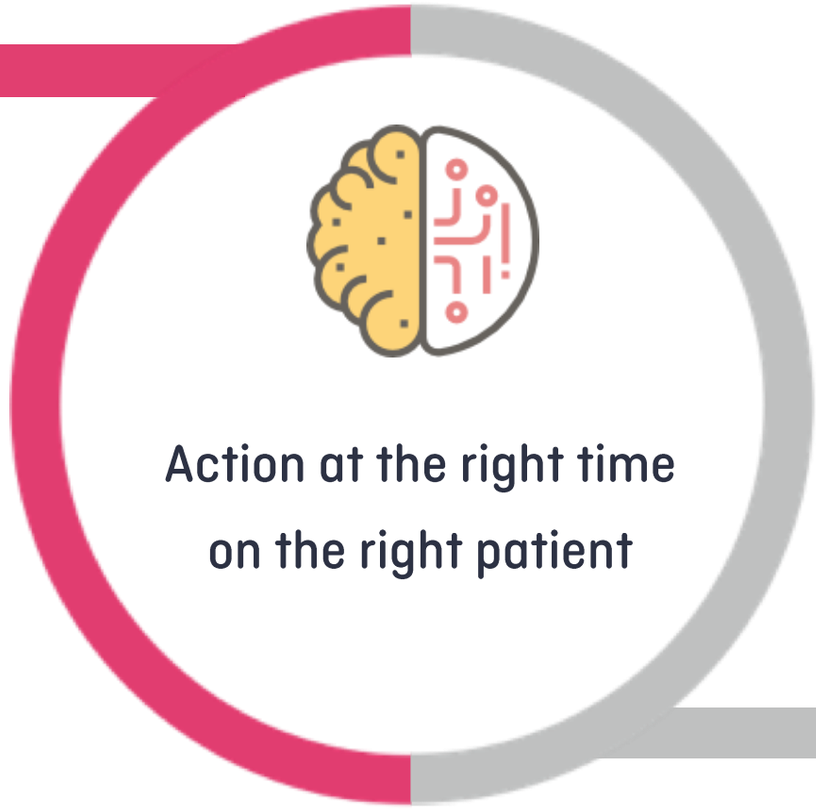
Our solutions mix Artificial and medical Intelligences

Artificial Intelligence

We design **predictive algorithms** to identify patients at high risk of :

- Drugs dropout
- Non-adherence to treatment
- Re-admission
- Graft loss
- Toxicity

Models are trained on massive french Healh Insurance data linked with clinical data



We develop complex and **customizable clinical algorithms** from the data collected (weight, blood pressure, biology…)

Medical Intelligence

Prevent breaks in patient care

React in case of medical risk

Our patient Apps allow them feeling more involved in the care and supported by their healthcare team

Data declaration
Biology,
blood pressure,
side effects,
surveys

Consult
Personalized care plan,
prescriptions,
medical data tracking

Information
Educational sheets
and useful contacts

Chat
Exchange with the
care team

Patients get notifications and personalized advice

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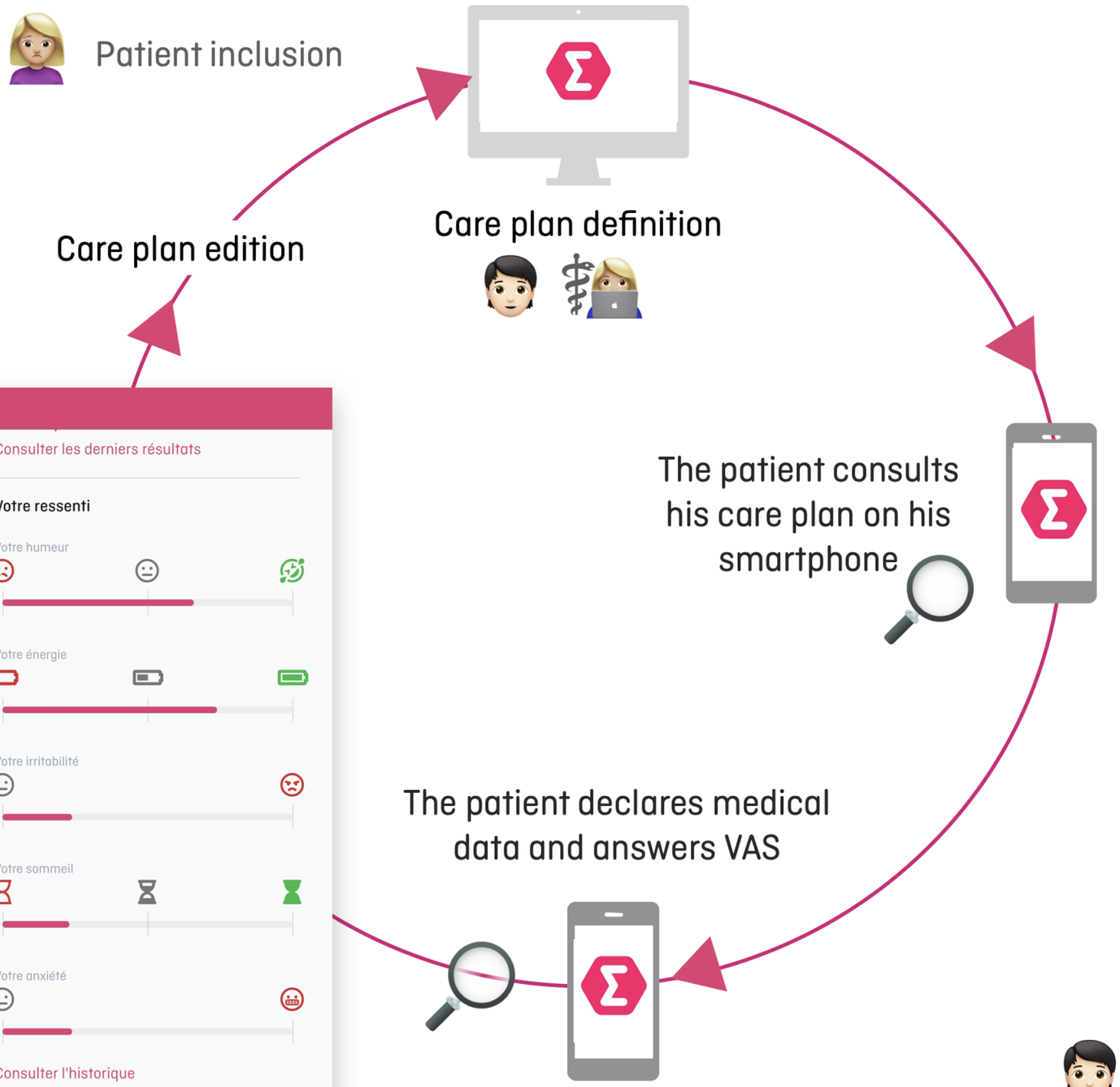
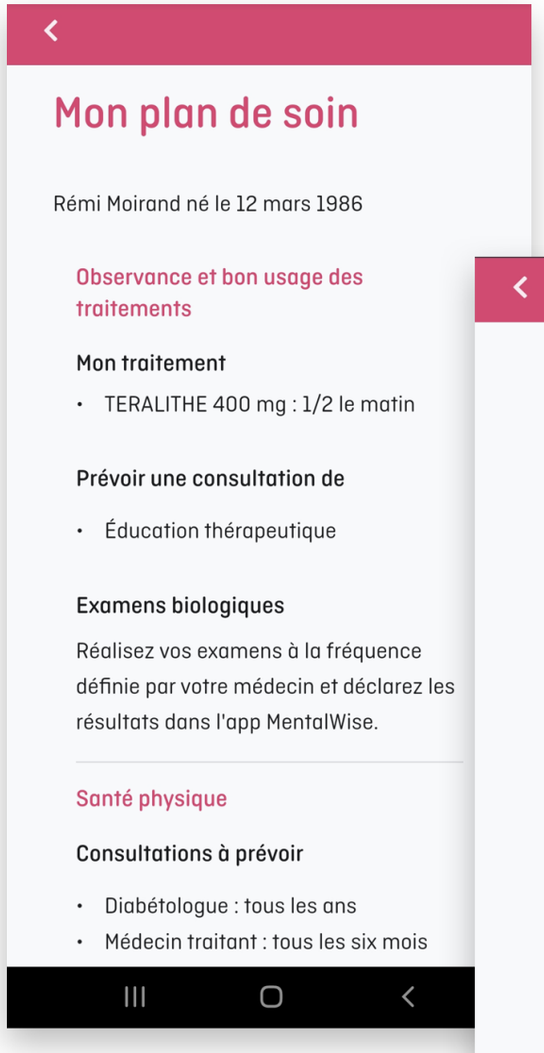
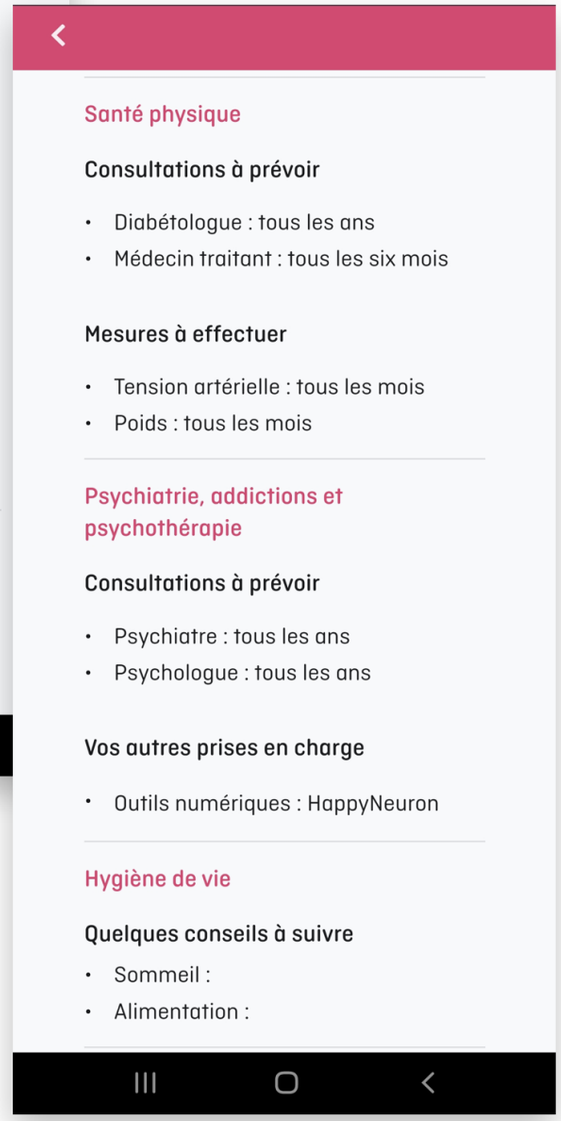
Example: MentalWise







Case Manager Psychiatre Patient

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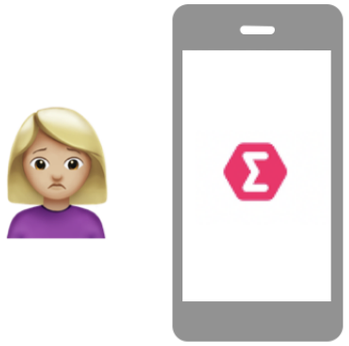
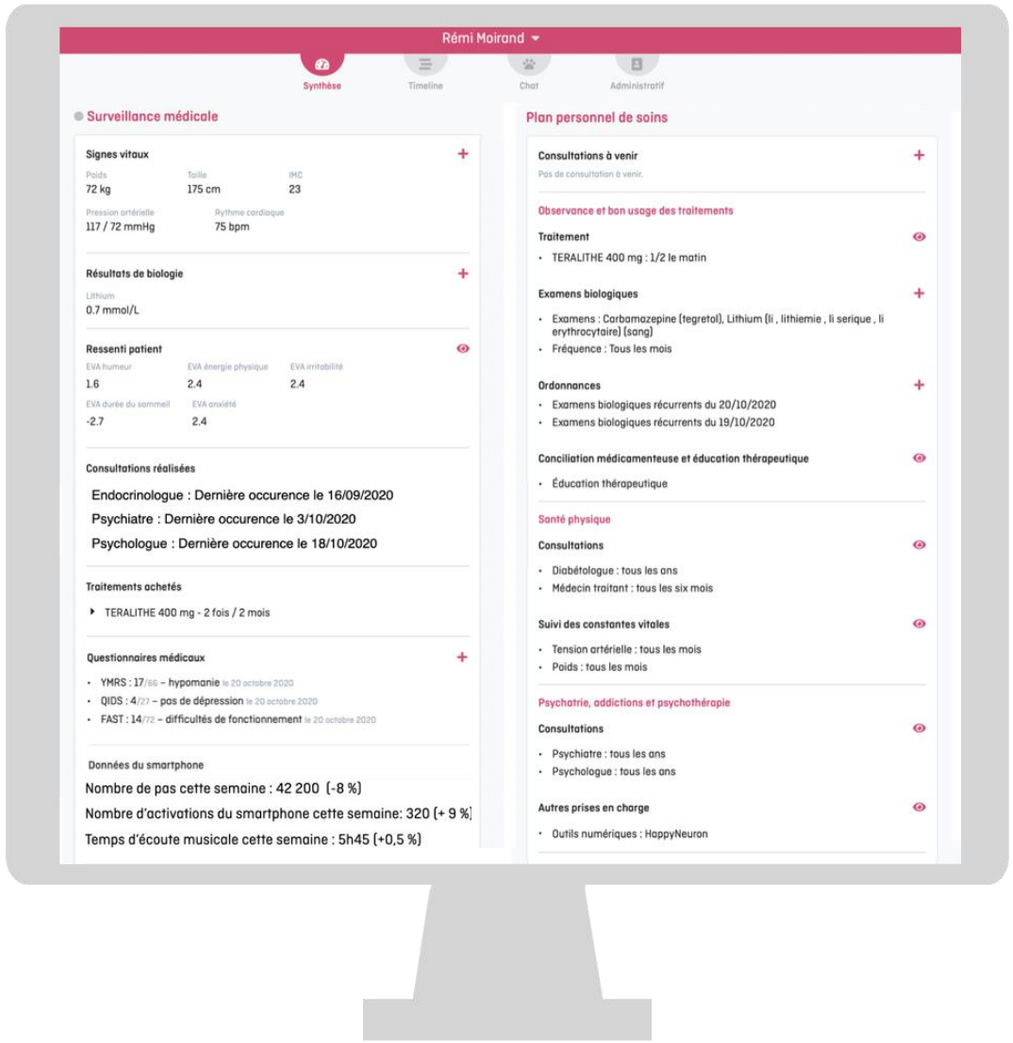
Passive data are collected automatically from the smartphone

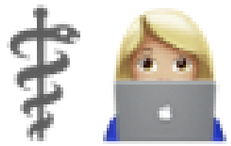
Passive Data capture



- foot steps
- visited places
- Smartphone activation
- application usage time

Synthesis of passive data collected over the last 7 days





The Medic is alerted in case of significant variation

In parallel we design predictive algorithm
to identify patients at **high risk of thymic episode**

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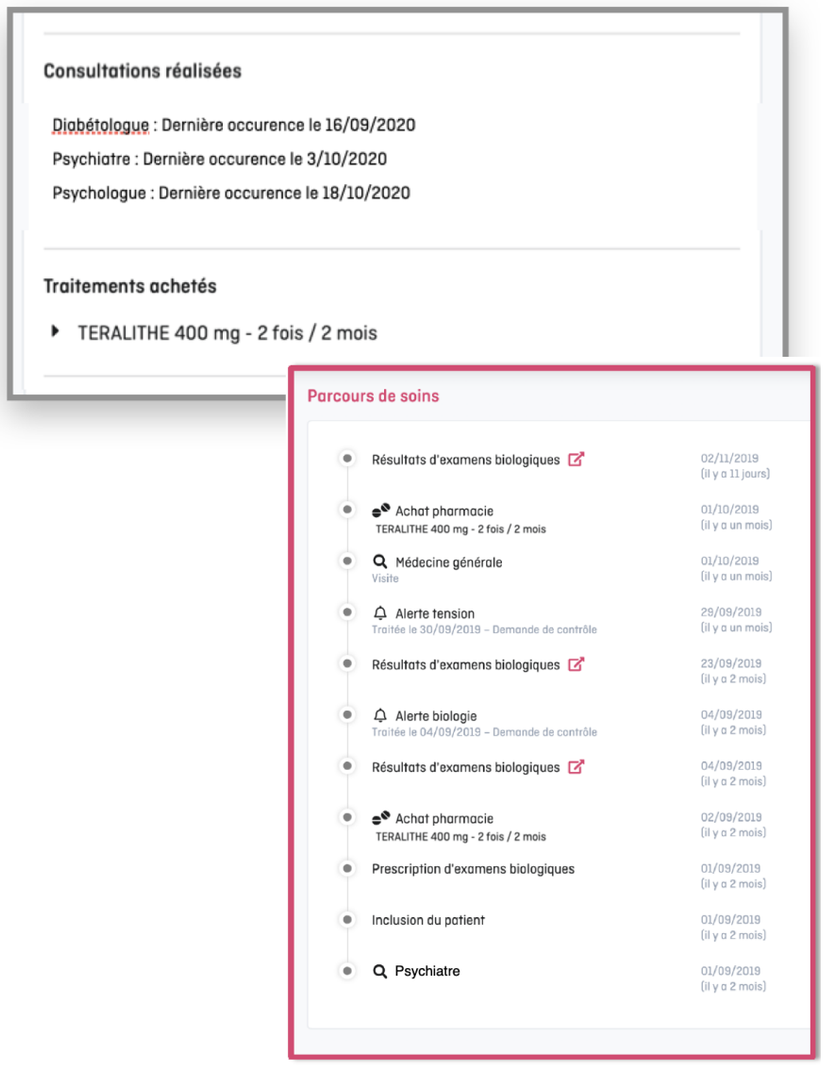
Patient care pathway is collected automatically from its DMP

Patient Care Pathway

Captation of :

- Medical appointments
- Drugs delivrance
- Medical examinations



Medics are alerted in case of effective non-adherence to treatment or care plan or drug interaction

+

A risk score of drugs dropout or non-adherence to treatment is calculated

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