






# Our healthcare solutions

A screenshot of a login form for Sêmeia. The form has a white background with a pink header bar containing the Sêmeia logo. The title "Merci de vous identifier" is centered. Below it are two input fields: the first is labeled "Adresse e-mail" with a user icon, and the second is a password field with a lock icon and masked characters. A pink button labeled "SE CONNECTER →" is centered below the fields. At the bottom, there is a link "Mot de passe oublié ?".



**Merci de vous identifier**

 Adresse e-mail

 .....

**SE CONNECTER →**

[Mot de passe oublié ?](#)

November 2020

# Who are we?

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

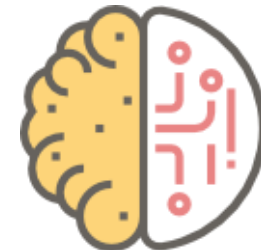
## Our ambition



Optimize medical time  
for care team



Improve medical  
actions coordination



Use AI  
to enhance medical  
decision-making

# What are our products?

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**nephrowise**

Kidney transplant  
stage 4 chronic  
kidney disease



**oncowise**

Breast cancer  
Hematology



**pneumowise**

Kidney transplant



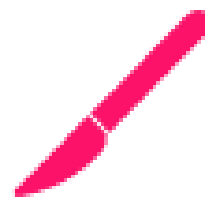
**mentalwise**

Bipolar disorders  
Depression



**immunowise**

Rheumatoid  
arthritis



**surgerywise**

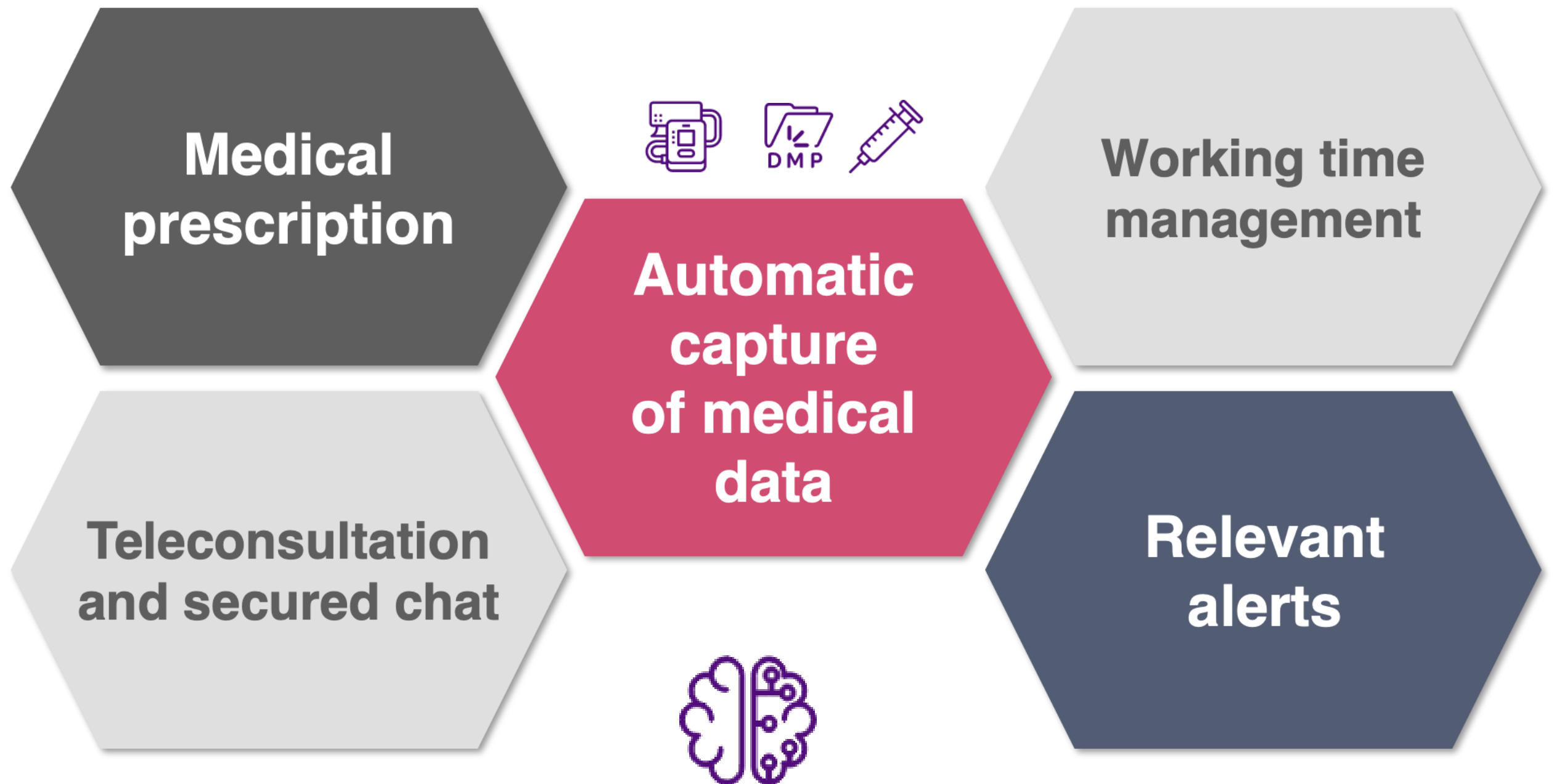


**cardiowise**

Heart failure  
Diabetes  
Stroke

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

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+ predictive and clinical algorithms

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

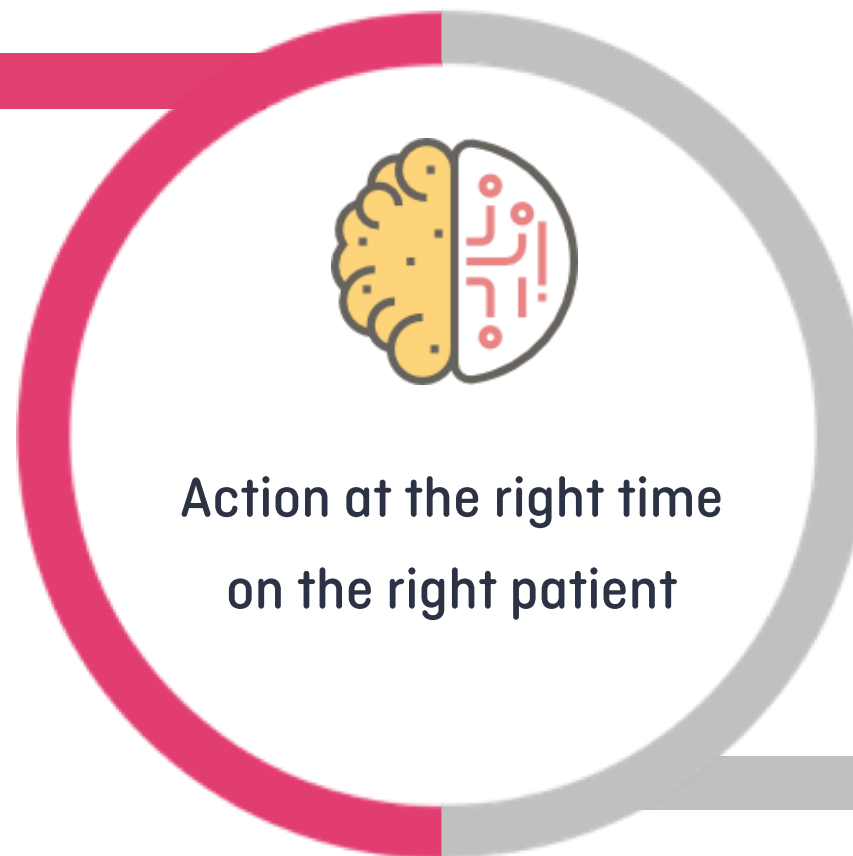
Our solutions mix **Artificial** and **medical** Intelligences

## 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 Health 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



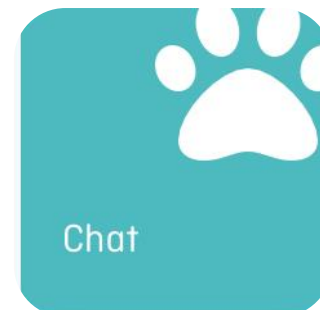
**Data declaration**  
Biology,  
blood pressure,  
side effects,  
surveys



**Information**  
Educational sheets  
and useful contacts



**Consult**  
Personalized care plan,  
prescriptions,  
medical data tracking



**Chat**  
Exchange with the  
care team

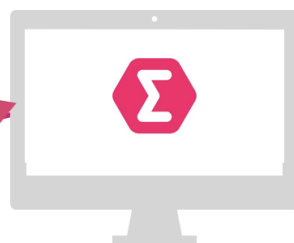


Patients get notifications and personalized advice

# Example: MentalWise



Patient inclusion



Care plan definition



Care plan edition

Consulter les derniers résultats

**Votre ressenti**

Votre humeur

Votre énergie

Votre irritabilité

Votre sommeil

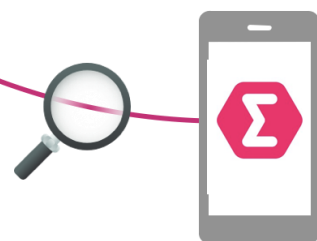
Votre anxiété

Consulter l'historique

The patient consults  
his care plan on his  
smartphone



The patient declares medical  
data and answers VAS



Case Manager Psychiatre Patient

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**Mon plan de soin**

Rémi Moirand né le 12 mars 1986

**Observance et bon usage des traitements**

**Mon traitement**

- TERALITHE 400 mg : 1/2 le matin

**Prévoir une consultation de**

- Éducation thérapeutique

**Examens biologiques**

Réalisez vos examens à la fréquence définie par votre médecin et déclarez les résultats dans l'app MentalWise.

**Santé physique**

**Consultations à prévoir**

- Diabétologue : tous les ans
- Médecin traitant : tous les six mois

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**Santé physique**

**Consultations à prévoir**

- Diabétologue : tous les ans
- Médecin traitant : tous les six mois

**Mesures à effectuer**

- Tension artérielle : tous les mois
- Poids : tous les mois

**Psychiatrie, addictions et psychothérapie**

**Consultations à prévoir**

- Psychiatre : tous les ans
- Psychologue : tous les ans

**Vos autres prises en charge**

- Outils numériques : HappyNeuron

**Hygiène de vie**

**Quelques conseils à suivre**

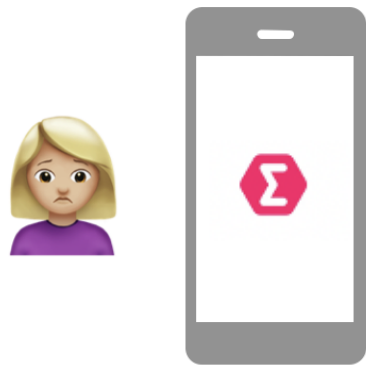
- Sommeil :
- Alimentation :

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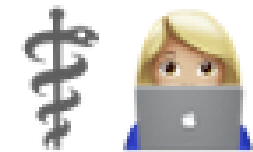
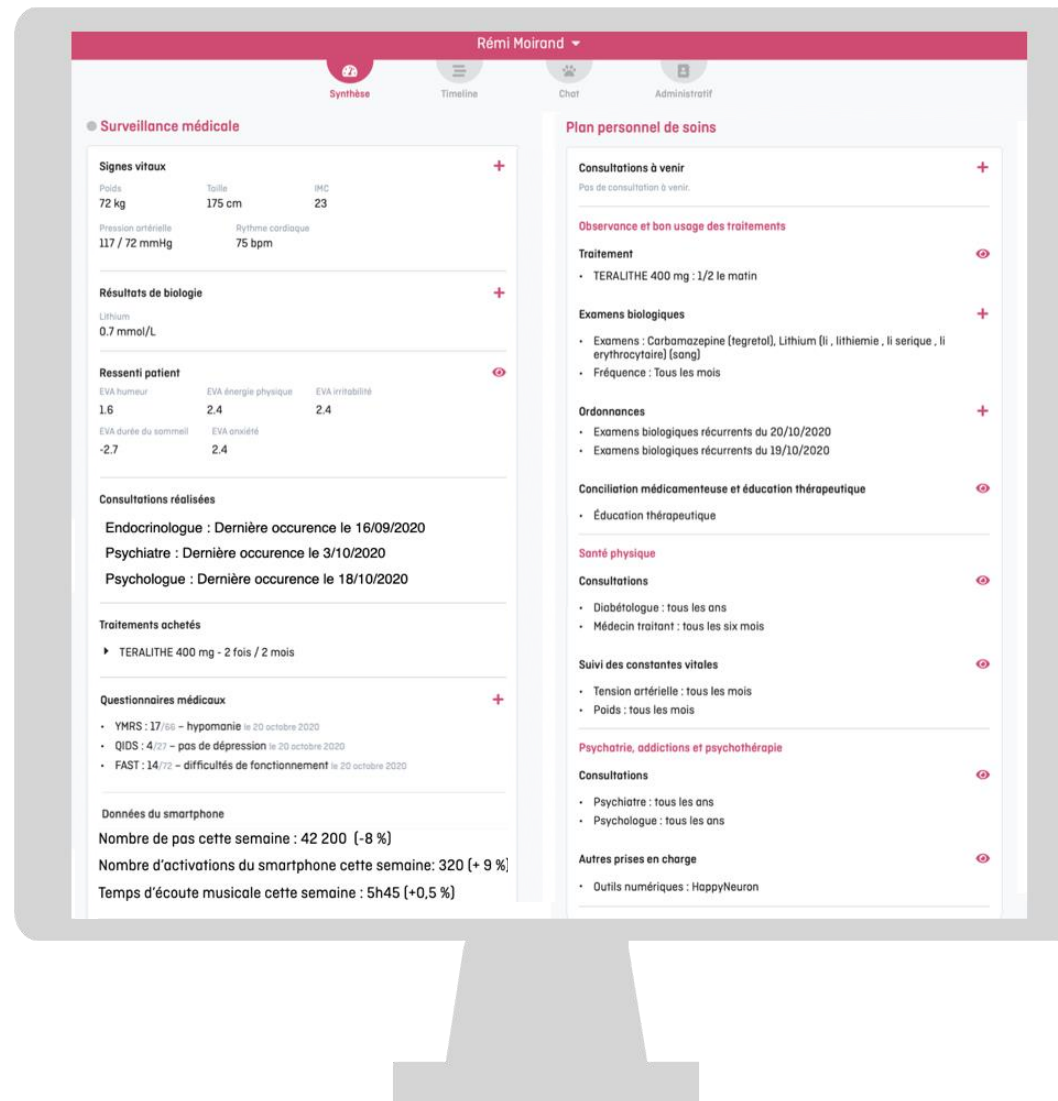
# Passive data are collected automatically from the smartphone

Synthesis of passive data collected over the last 7 days

## Passive Data capture



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



The Medic is alerted in case of significant variation



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



SÊMEIA



# Patient care pathway is collected automatically from its DMP

## Patient Care Pathway



Captation of :

- Medical appointments
- Drugs delivrance
- Medical examinations

Consultations réalisées	
Diabétologue	Dernière occurrence le 16/09/2020
Psychiatre	Dernière occurrence le 3/10/2020
Psychologue	Dernière occurrence le 18/10/2020
Traitements achetés	
▶ TERALITHE 400 mg - 2 fois / 2 mois	

Parcours de soins	
Résultats d'examens biologiques	02/11/2019 (il y a 11 jours)
Achat pharmacie TERALITHE 400 mg - 2 fois / 2 mois	01/10/2019 (il y a un mois)
Médecine générale Visite	01/10/2019 (il y a un mois)
Alerte tension Traité le 30/09/2019 - Demande de contrôle	29/09/2019 (il y a un mois)
Résultats d'examens biologiques	23/09/2019 (il y a 2 mois)
Alerte biologie Traité le 04/09/2019 - Demande de contrôle	04/09/2019 (il y a 2 mois)
Résultats d'examens biologiques	04/09/2019 (il y a 2 mois)
Achat pharmacie TERALITHE 400 mg - 2 fois / 2 mois	02/09/2019 (il y a 2 mois)
Prescription d'examens biologiques	01/09/2019 (il y a 2 mois)
Inclusion du patient	01/09/2019 (il y a 2 mois)
Psychiatre	01/09/2019 (il y a 2 mois)



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

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