# synapseMED

The leader in prescription writing for telemedecine platforms

# OUR MISSION

Provide easy access to reliable, up-to-date and 100% independent medical information to all, everywhere in the world.

Medication Intelligence can help address a major public health issue:
Adverse Drug Reactions (ADRs).

- Globally, the cost associated with medication errors and ADRs has been estimated at $42 billion USD per year
- UK: More than 200 million medication errors occur every year at the NHS
- Germany: About 5-10% of hospital admissions can be attributed to ADRs
- France: More than 30,000 deaths per year, due to inadequate use of medication

*Sources: local and official government market reports, data on file*

# SYNAPSE MEDICINE

**1st** Medication Intelligence technology

**25** employees including 2 medical doctors

**4 partnerships** with leading University Hospitals

**€ 10 million** raised in 14 months with MACSF, XAnge, BNP Paribas, Kima Ventures, BPI France

**4** ongoing clinical trials

**2 years** of R&D in partnership with INSERM, Bordeaux University Hospital and Stanford University

Synapse **prevents drug-related risks** for doctors writing prescriptions, for pharmacists dispensing medications and for private individuals taking their treatments.

# SYNAPSE, THE MEDICATION INTELLIGENCE PLATFORM

**Medication Intelligence (MI)** provides a **comprehensive overview / access of drug-related information** to facilitate decision-making by processing reliable data and updating it in real time.

Based on our **Medication Intelligence** technology, Synapse patented algorithms crawl in near real time:

**900 million**
data points

**37,000**
drugs

**30,000**
documents

**8,000**
active ingredients

# OUR SOLUTIONS

**Synapse Pro** supports all healthcare professionals (doctors and pharmacists) by providing a reliable and easy access to medication information, therefore optimising drug use and reducing iatrogenic risks.

Synapse Entreprise is our custom solution for telemedicine companies, insurance providers, hospitals and care facilities.

Synapse patient app provides all relevant information about medication, available to everyone for free, for a better understanding of treatments.

synapse MED

# SYNAPSE MEDICINE, THE LEADER IN PRESCRIPTION WRITING FOR TELEMEDICINE PLATFORMS
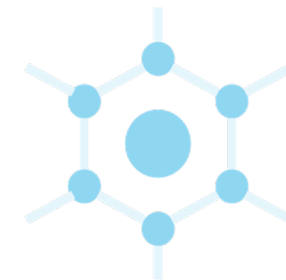
Synapse helps your healthcare professionals **issue prescriptions quickly and safely** on your telemedicine platform via direct widget & API integration of its technology.

Our **Medication Intelligence technology** is a robust infrastructure capable of aggregating large volumes of medication data, only from many official sources.

| + 20,000 | + 4,000 | 500 million |
|:---:|:---:|:---:|
| brand-named drugs | active ingredients | interactions analyzed |

Integrate our **Synapse technology solution** into your telemedicine platform to:

- Facilitate decision-making with **a flexible and reliable prescription writing solution**
- Ensure **instant safety control** on prescriptions via posology or DD interaction check
- Allow doctors to save time and enhance **their user experience** on daily prescriptions

synapse MED

# EASY AND QUICK INTEGRATION INTO YOUR TELEMEDICINE PLATFORM

- Integration of our prescription writing APIs and widget components completed **in less than a day**
- Components are adapted according to **your Design System**
- Clear documentation at setup and ongoing technical support

**01.**   Integrate the auto-complete API

**02.**   Integrate the Medication Intelligence components library

**03.**   Integrate the components of your choice

- **Maximum dose**
- **Drug - drug interactions**
- **STOPP criteria**
- **Contraindications based on patient pre-existing conditions**
- **Side-effects**

---

Add a medication

Tyl

Tylenol 500 mg tablets

Tylenol 500 mg effervescent tablets

Tylenol 500 mg caplets

Drugs ⊕

Nizoral
200 mg tablet

Maximum Single Dose ⊕

This calculation takes into account the dose and the number of times taken, not the duration of treatment.

| Prescribed dosage | 200mg per 24 hours |
| Maximum Single Dose | 80mg per 24 hours |

Synapse MED

# OUR APIs AND WIDGET COMPONENTS FOR YOUR TELEMEDICINE PLATFORM

## Auto-complete API

Enables the search for drug entities such as brand names, active ingredients, therapeutic classes, and generates suggestions in real time like the user types

## Maximum dose

Alerts prescribing doctors when the maximum dose is exceeded

## Drug – drug interactions

Overview of drug – drug interactions identified in the prescriptions - even the most complex - in the form of a diagram

## Contraindications

Input the patient's clinical parameters (age, pregnancy, hepatic, renal and/or cardiac insufficiency) and quick detection of contraindications to medication use

## Side-effects

Quickly informs users about the frequency at which they occur according to patients' prescription regimens and therapies

# A GLOBAL MEDICATION INTELLIGENCE PLATFORM

Synapse, our Medication Intelligence platform, is adapted for a global use:

- Integration of European countries specific database medication information
- Synapse's interface on native languages for a proper user experience

Our Medication Intelligence components are available for now on:
- English (UK)
- French
- Spanish
- German
- Italian

# THEY HAVE SUCCESSFULLY INTEGRATED OUR SOLUTION

# TESTIMONIALS

**Thomas Archambaud,** Lead Product Manager, MesDocteurs

"Synapse Medicine's components have been met with great enthusiasm within the MesDocteurs medical community. Doctors are eager for more innovative tools and services that can help them improve patient care. The components and prescription writing APIs have been very easy to integrate into our telemedicine platform thanks to their attentive technical support team and intuitive documentation."

**Morgan Angelini,** CTO HelloCare

"Thanks to a simple and clear API, in less than 30 minutes, we have a functional medication search engine and very useful prescription components. The documentation is clear and straight to the point. No technical problems!"

# ꓘynapse<sup>MED</sup>

**Synapse Medicine**

contact@synapse-medicine.com

**Clement Goehrs, MD–PhD**

Co-founder & CEO

clement@synapse-medicine.com

+33 6 63 09 80 53

**Franck Tricot**

Senior VP Strategic Partnerships

franck@synapse-medicine.com

+33 6 76 50 55 41

**Benoit Egarnes**

PhD/MBA, Strategic Partnerships

benoit@synapse-medicine.com

+ 33 6 02 16 66 26

ꓘynapse<sup>MED</sup>