Synapse Medicine

AI platform reducing preventable hospitalizations
by optimizing medical prescriptions

Deaths by prescription

One of the most important challenges in Healthcare to date

Size of Iatrogenic disorders in the US :

750

older adults (aged 65 or older) are hospitalized every day due to serious adverse effects from one or more prescription medication

40%

of people over 65 take more than 5 medications a day

59%

of adults take at least 1 prescription

$3.8 billion

of costs, caused by more than 280,000 hospitalizations in 2018, related to an adverse drug event

2 million

hospital admissions for serious adverse drug events, over the last decade

Medical errors are the #3rd cause of mortality.

A $980B problem / year in the US.

Sources:
- *Andel, Charles, et al. "The economics of healthcare quality and medical errors." Journal of health care finance 39.1 (2012): 39.*
- *Kantor, Elizabeth D., et al. "Trends in prescription drug use among adults in the United States from 1999-2012." Jama 314.17 (2015)*
- *Medication Overload: America's Other Drug Problem / Lown Institute (April 2019)*

Synapse Medicine

Synapse, the alliance between AI and pharmacology

- Provides instant access to all medical practice information related to proper medication use

- Performs therapeutic optimization on medical prescriptions

- Always up-to-date thanks to its patented algorithms going each day through 30,000 medical documents and 900 million data points

Synapse: AI solution to optimize Rx drugs use

- Virtual assistant for medication: Synapse understands questions in plain language and instantly answers

- Instant prescription analysis: taking into account multiple factors, like patient clinical information and other prescriptions

- Only official government healthcare sources

- Synapse patented algorithms go each day through:
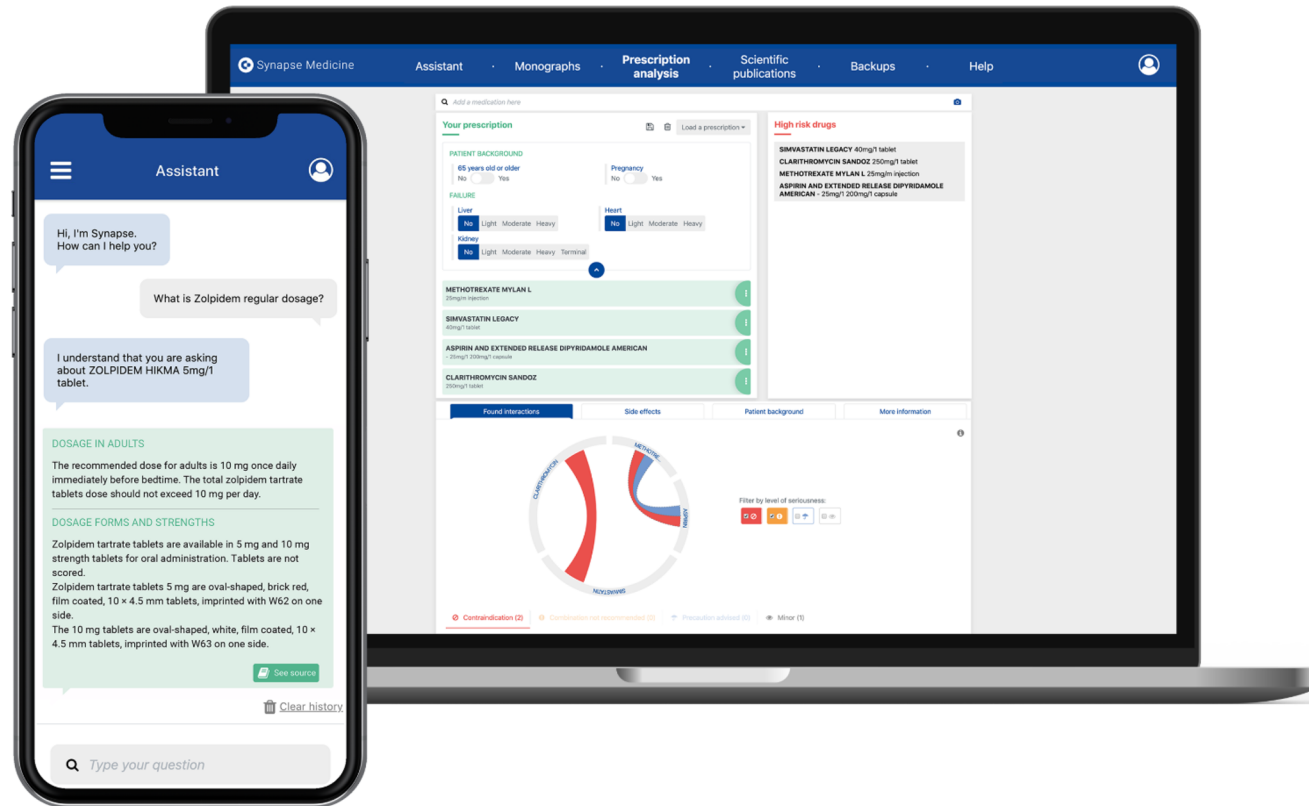
| 900 millions data points | 30 000 documents | 37 000 drugs | 8 000 molecules |

- Accessible as a SaaS or directly integrated in the healthcare workflow

- Dedicated versions for physicians, pharmacists and patients

Synapse Medicine

Synapse will secure your Rx drugs, save time… and money

Powerful AI algorithms

Instant prescription analysis

Reliable and accurate virtual assistant

Only official sources from health authorities

Reduce preventable hospitalizations & length of stay

Ensure compatibilities between ongoing and new treatment

Easy-to-use SaaS solution

Drastically decreased time to prescribe

Anytime, anywhere and on any device

Synapse Medicine

A world-class team

- A seasoned team with top expertise in the fields of medicine and pharmacology as well as artificial intelligence (data science, machine learning, NLP, etc.)

- A unique patented technology, a result of academic excellence

- 4 Clinical studies, currently in review and/or publication

Contact

Synapse Medicine
2415 3rd St, Suite 231
San Francisco, CA 94107

Clement Goehrs, MD–PhD
CEO & co-founder
clement@synapse-medicine.com

Franck Tricot
Head of Strategic Partnerships
franck@synapse-medicine.com

Synapse Medicine