AI supported individualization of medication dosage

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Better data, Better care

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Healthcare Solutions

15 markets 3 continents

22,000,000+ unique patients’ electronic health records stored

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Precision dosing

AI solution focused on medication management

Providing the right drug dose to maximize therapeutic benefit, while reducing risk for each individual patient

Important for more complex drugs with many covariates (e.g. age, weight, gender, genetics, liver and kidney function, …), narrow therapeutic window

- Anticoagulation
- Chemotherapeutics
- Antiepileptic
- Antibiotics
- Immunosuppressants
Precision dosing

Published population model:

- Pharmacokinetics: how the organism affects the administered drug → dosing

- Pharmacodynamics: biochemical and physiologic effects of drugs on an organism → adverse effects
Precision dosing

Individualized drug model:

Patient data + lab results + published population model →

Dosage prediction