Disruption through Artificial Intelligence

Healthcare is way behind the digital innovation curve

In 30 mins, a taste of what is out there

Not about Paeds, nor about job security, it's about the future direction of health







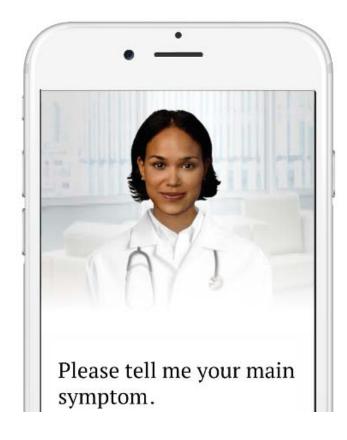
Speech Recognition

Using a proprietary classification engine, Molly listens to your member and delivers an appropriate response.



Text to Speech

Molly dynamically generates speech, creating a highly personalized lifelike experience.





Images & Video

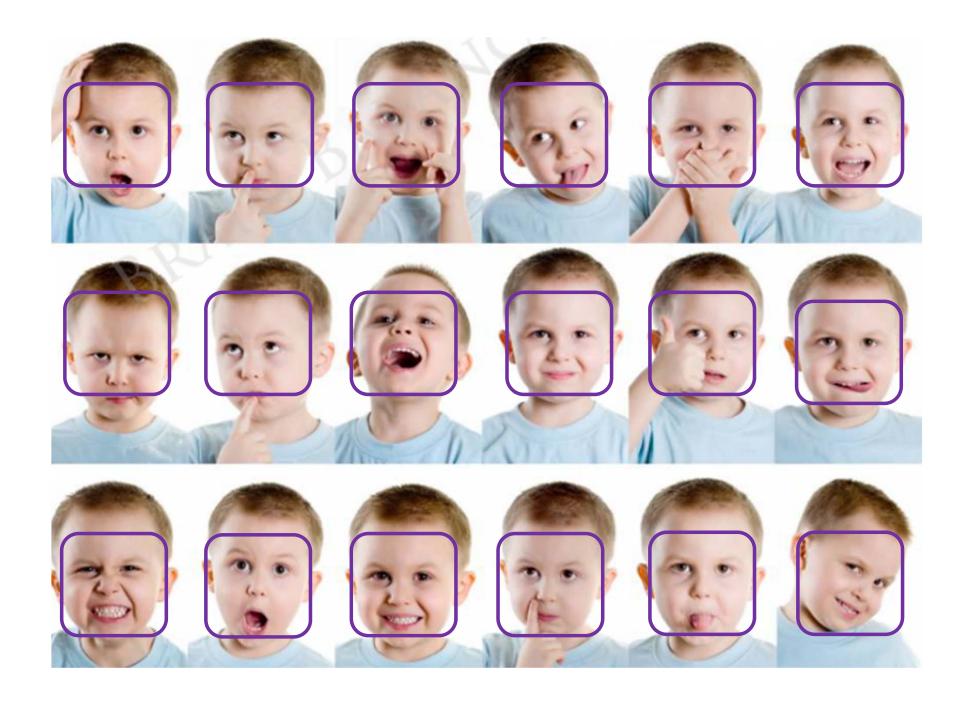
Members can send images back to Molly, allowing for intelligent routing back to the member services team.



Data Integration

Member data can be seamlessly integrated with your existing data storage system.



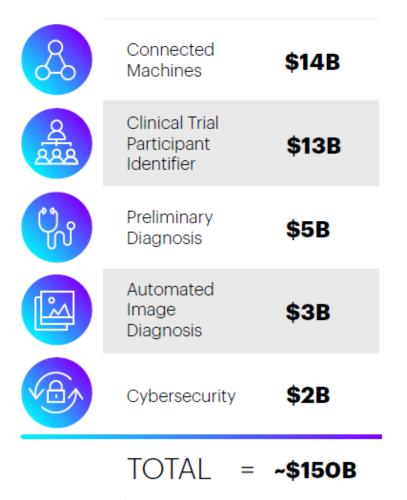




AI IN HEALTH TOP TEN

Top 10 AI Applications

APPLICATION	VALUE*
Robot-Assisted Surgery**	\$40B
Virtual Nursing Assistants	\$20B
Administrative Workflow Assistance	\$18B
Fraud Detection	\$17B
Dosage Error Reduction	\$16B



Source: Accenture analysis

^{* &}quot;Value" is the estimated potential annual benefits for each application by 2026.

^{**} Orthopedic surgery specific

INFORMATION OVERLOAD



LISTEN UP MEDICS





patient safety and improved efficiency in the production process.

HD Medi's VIZEN inspects the contents of the sachets on the basis of images produced by the system with the aid of a powerful dome light. The medication that is present is assessed by quantity, size, colour and shape, after which the contents are compared with the job from the pharmacy or the hospital information system (AIS/ZIS). Once the Vizen has marked potentially suspect sachets with a sticker they can be visually inspected in an efficient manner with the aid of the Vizen Viewer software.

The information about the inspected sachets is accessible at any time, which means each sachet is fully traceable thereafter.

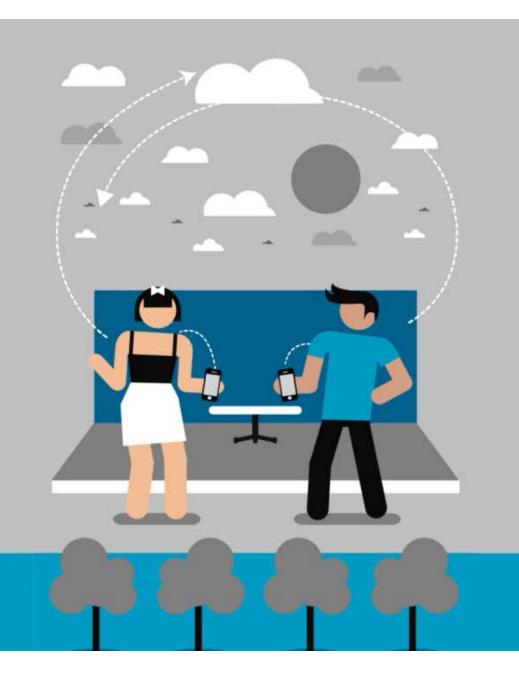
NANOWEAR TEXTILES

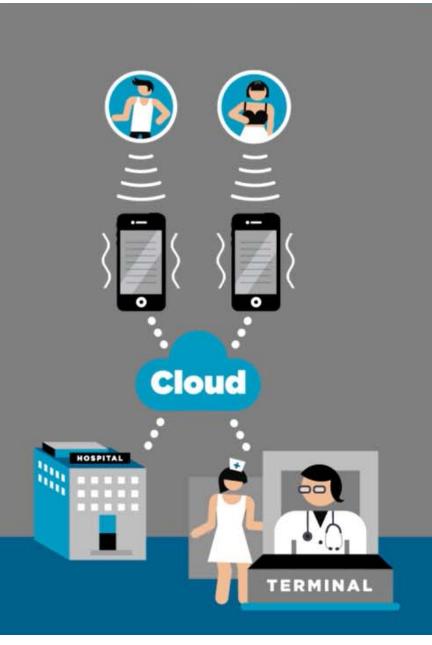
NANOWEAR'S SIMPLECG

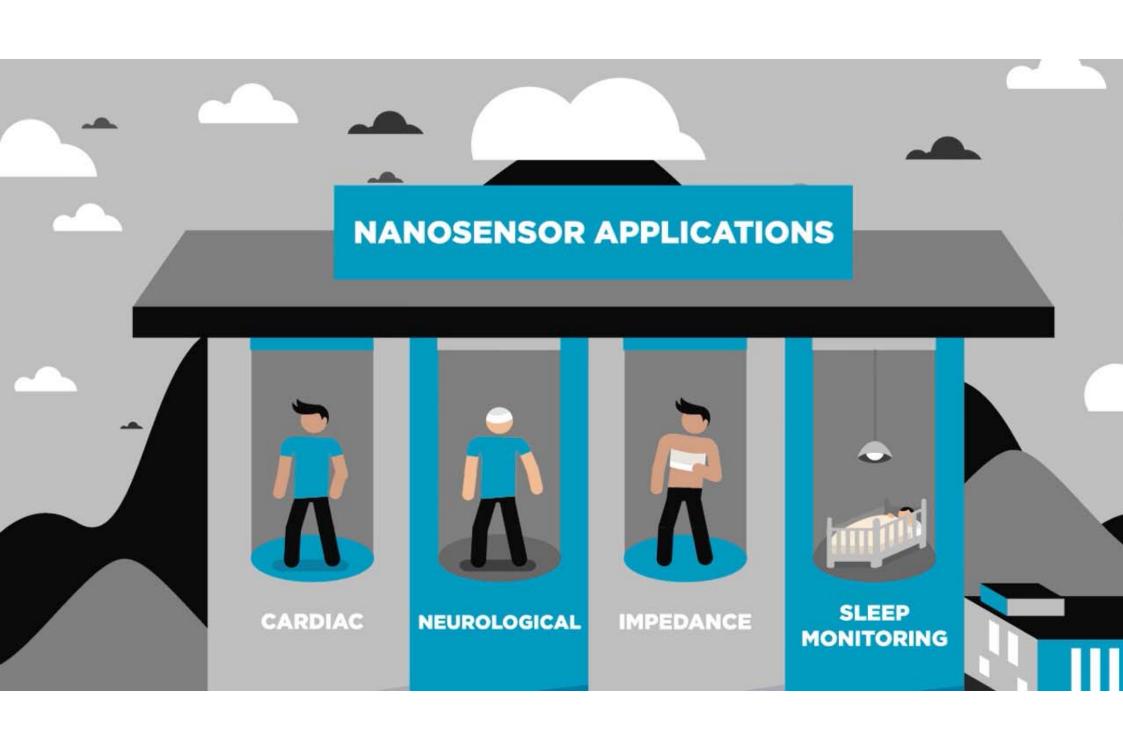






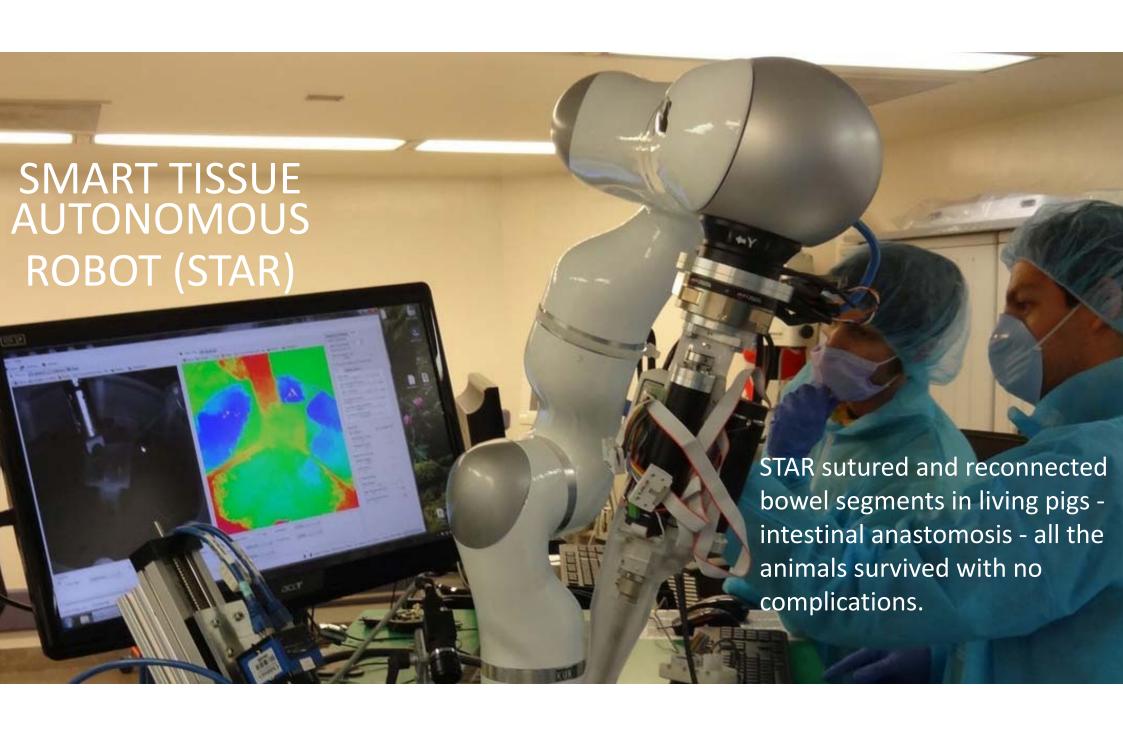












BABYLON

See a GP in minutes 24/7

Instant medical advice. Anytime, anywhere.

Book an appointment

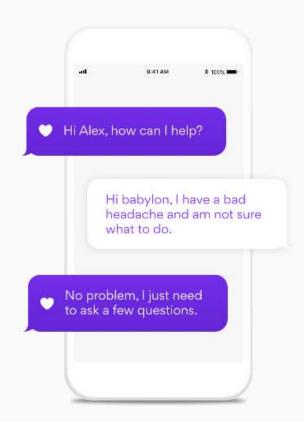
Download the app



ASK BABYLON

Health advice in a flash

Not feeling yourself? Chat to babylon for fast advice on what to do next if you're feeling unwell. GP appointments are available 24/7 from your phone.





APPOINTMENTS

GP video chat

Dial a doctor in a jiffy. GP appointments are available 24/7 and can easily be arranged from your phone.

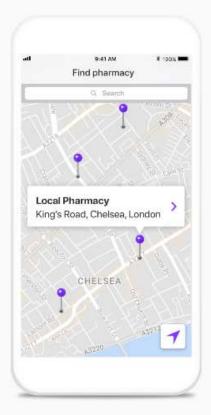


PRESCRIPTIONS

Put the hiking boots down

babylon sends prescriptions to your front door, office or local pharmacy. Choose next day delivery UK-wide, or same day delivery if you're in London. We'll even get it to you when you're abroad.

More Info





HEALTH TRACKING AND TESTS

Check yourself before you wreck yourself

babylon lets you track test results, activity levels and health info. So you always have an up to date picture of how you're doing.

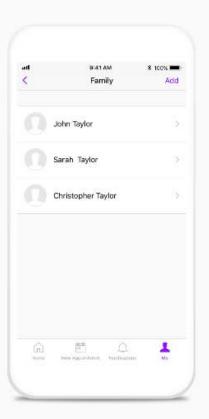




FAMILY ACCOUNT

Keep it in the family

Add family members to your account so you can all enjoy instant medical advice and easy GP appointments.

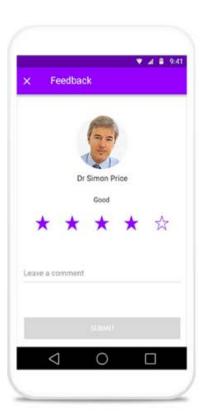




USER RATINGS

Total satisfaction

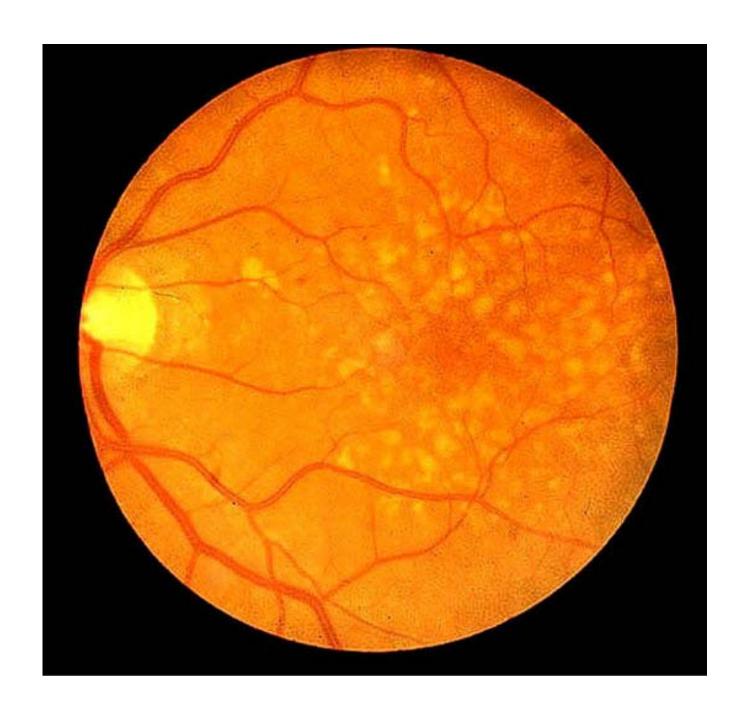
94% of our users give us 4 or 5 stars out of 5. Tell us what you think, we don't mind if it's bad and we take all feedback very seriously.





DEEP MIND STREAMS





DeepMind and Moorfields Eye Hospital NHS Foundation Trust

Our work with Moorfields Eye Hospital NHS Foundation Trust (Moorfields) began in mid-2016 after Pearse Keane, a consultant ophthalmologist at the hospital, approached us to ask whether our technology could help provide a better understanding of eye disease.

Over 600,000 patients enter Moorfields' doors every year, and they carry out more than 3,000 optical coherence tomography (OCT) scans every week. These scans require highly trained, expert analysis in order to interpret the result, which can cause huge delays in getting to diagnosis and treatment.

We believe that the AI and machine learning technology within DeepMind Health can succeed in reducing the time required for experts to go through all aspects of the scan by spotting patterns and categorising results for faster diagnosis. So we are working together to analyse one million de-personalised eye scans using machine learning, to explore the impact it can have on our understanding and treatment of eye diseases.

Further details of this work can be found in our published research protocol.

Why are we looking at eye disease research?



The plan is that the robot can compare your retina with 1 million retinal images and alert the ophthalmologist in the twinkling of an eye. By contrast, the ophthalmologist has never seen 1 million retinal images and could not recollect them anyway.



VIRTUAL ASSISTANTS









MEDICAL EDUCATION







We build the world's best medical software platforms.



Complete Anatomy Award-winning under- and post-

under- and post- The graduate level pat anatomy for students plai





A fully interactive beating heart in stunning 3D



iMuscle 2

The essential workout companion for fitness enthusiasts

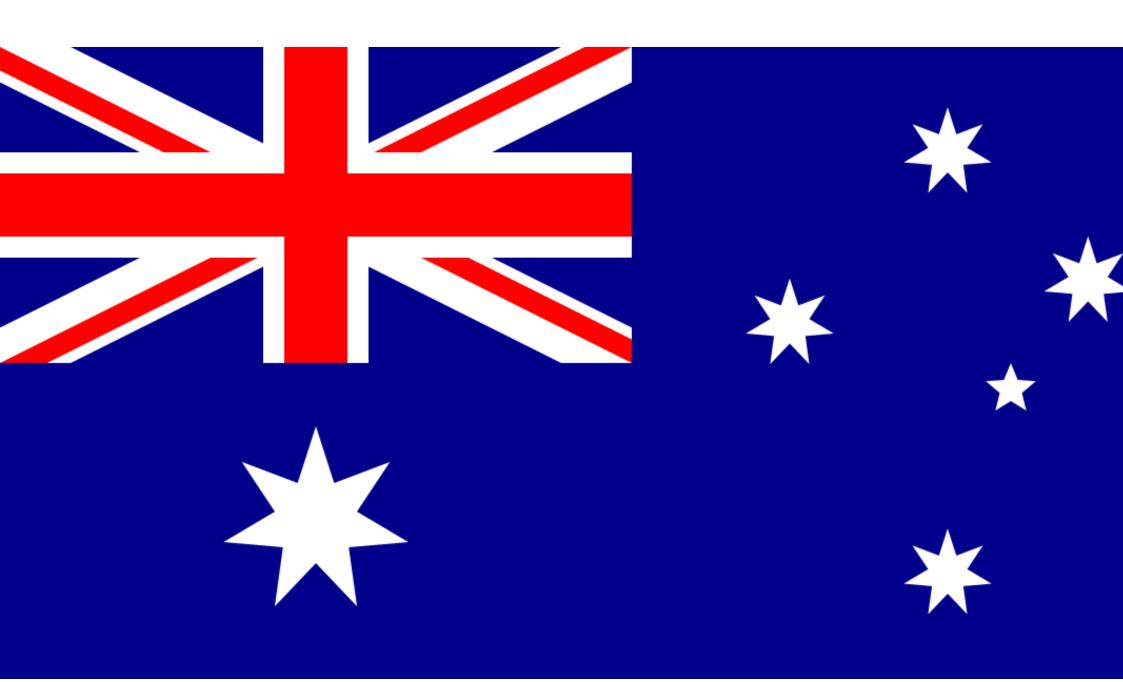






Essential **Anatomy**

The first stop for all students of anatomy



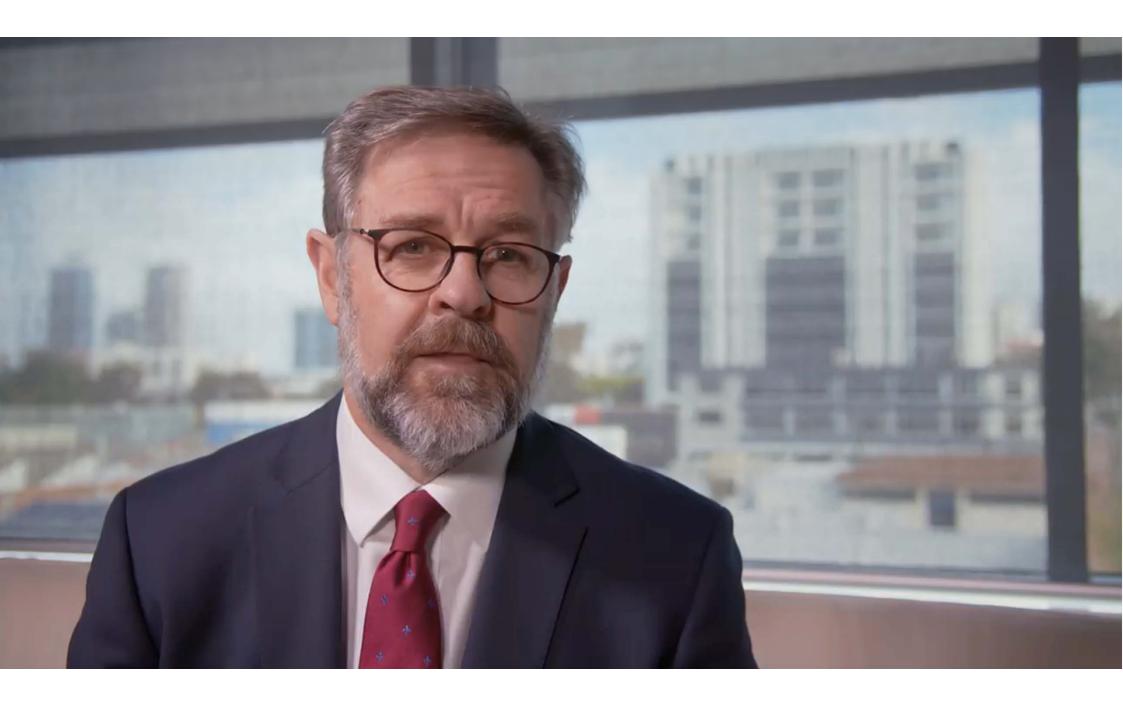
STETHEE

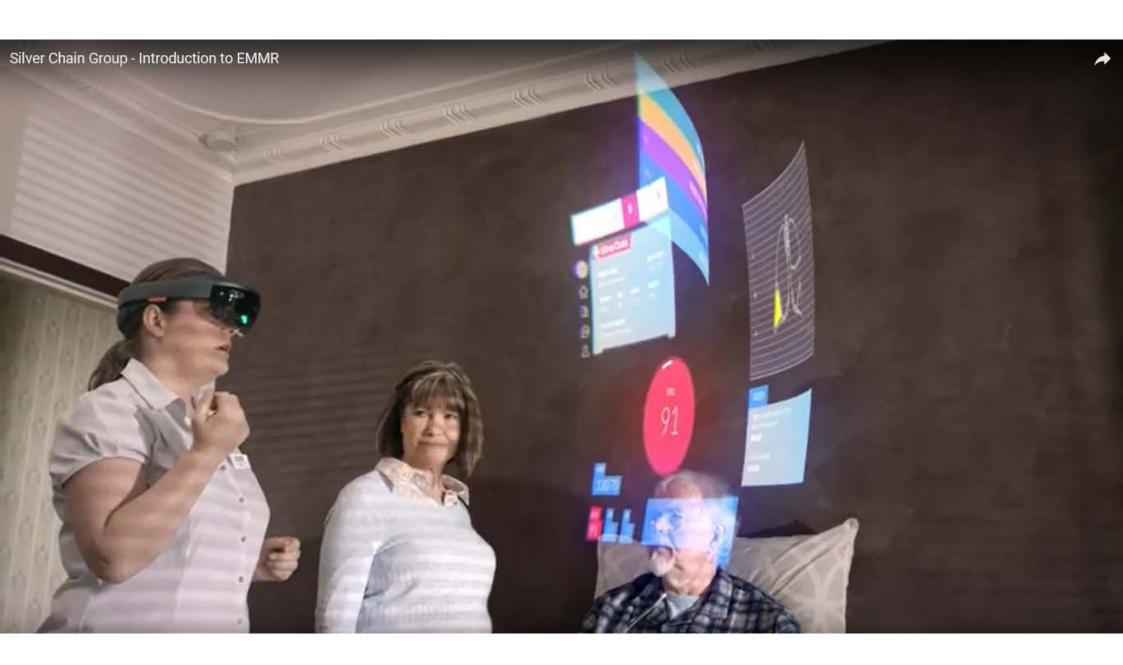


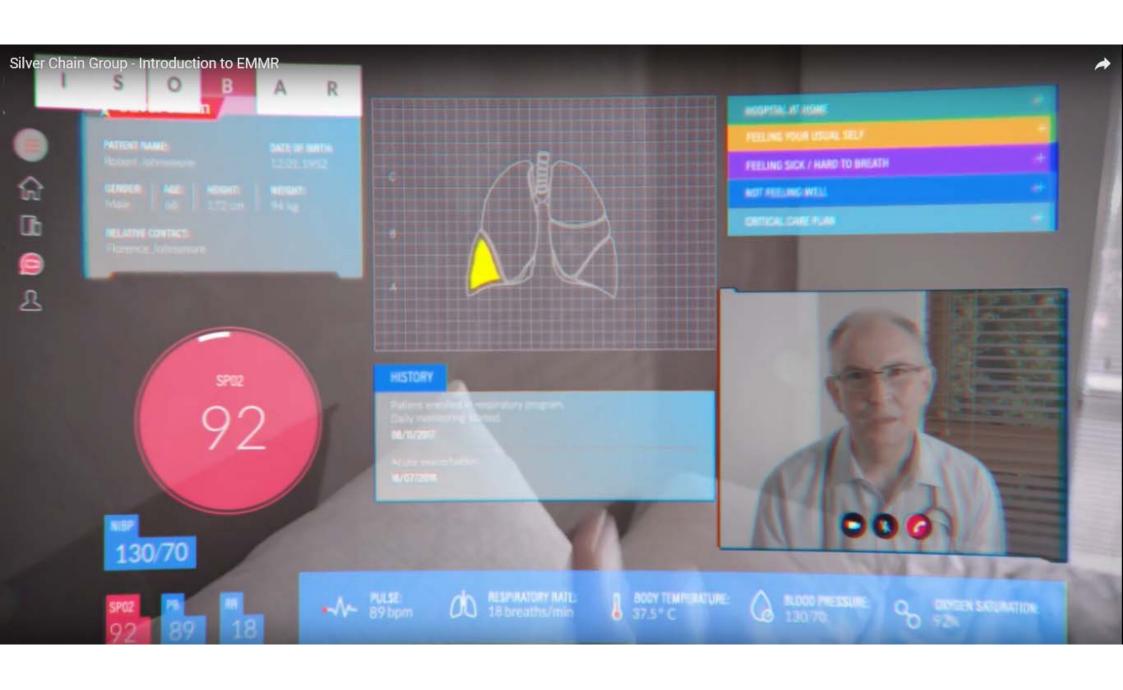
SILVER CHAIN

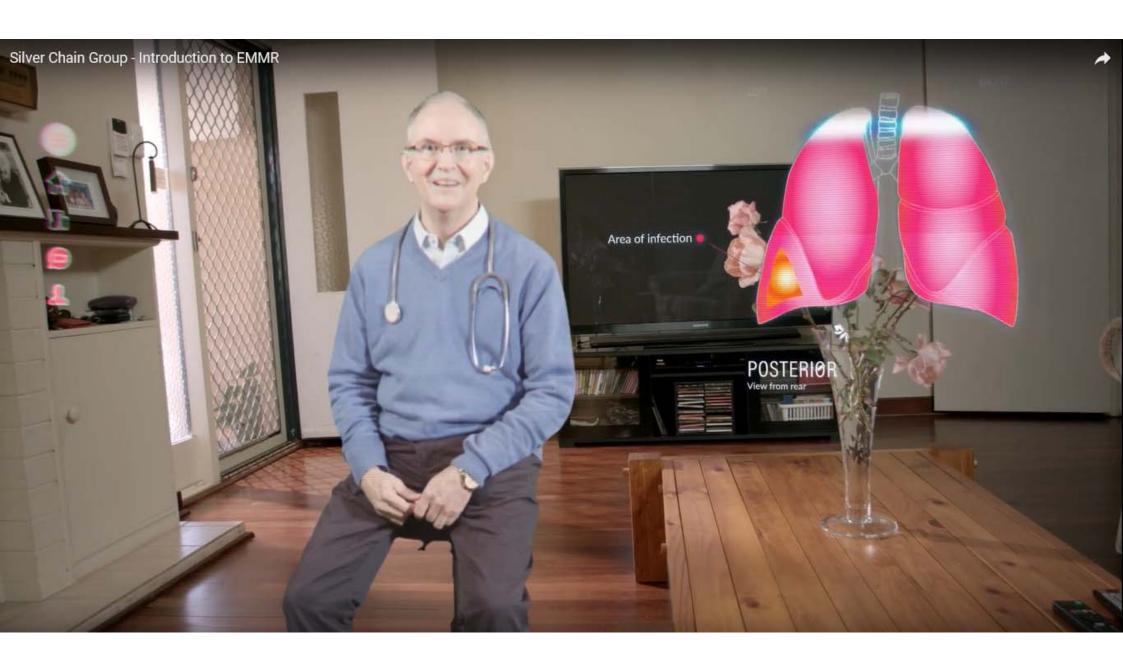
THE HOLOGRAM WILL SEE YOU NOW











DOSE ME

Precision dosing: A smarter way to dose

Leave behind the laborious manual calculations, spreadsheets, and complex tools.

BOOK A DEMO

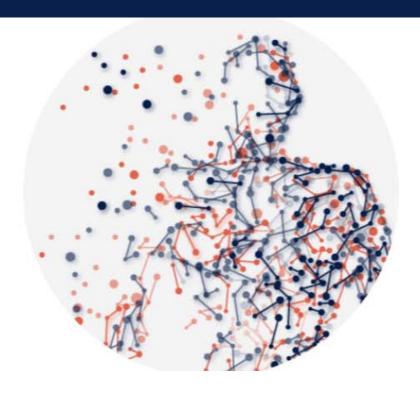
WATCH VIDEO





What is DoseMe?

The DoseMe platform is the world's first easy-to-use, real-time precision dosing software designed for clinicians to predict the optimal dose of medications that require therapeutic drug monitoring.

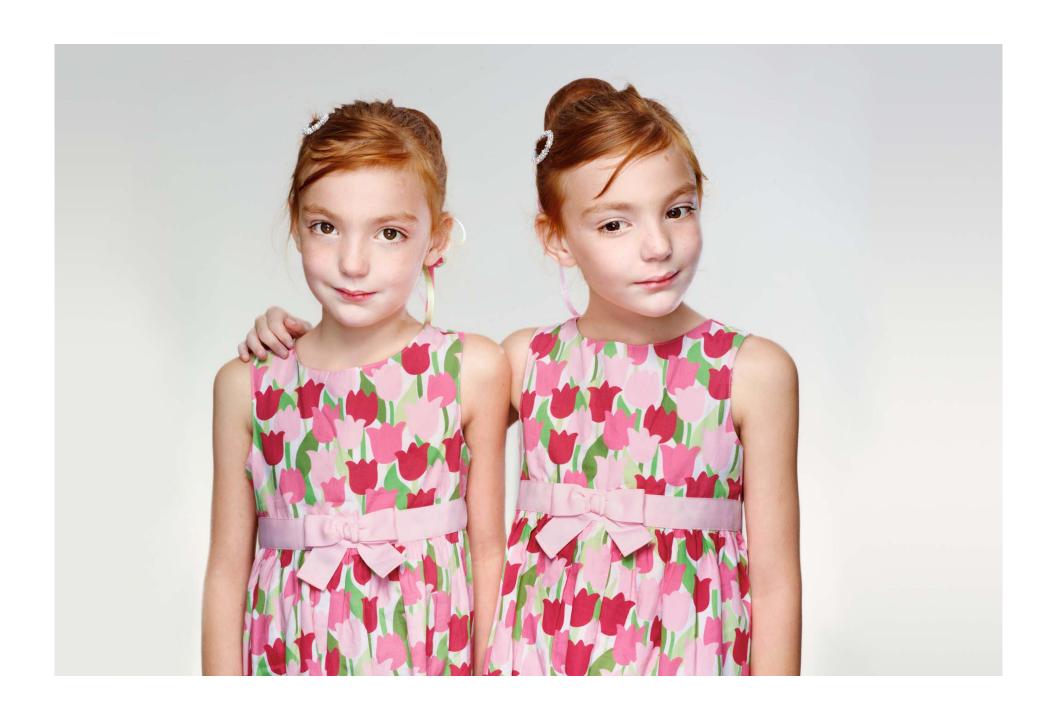


How does DoseMe work?

From as little as one assay result a virtual model of your patient is digitally constructed from using thousands of data points from published population models.

SHOW ME HOW

PERSONALISATION & EXPERIENCE



Robots can sing, dance and ride motorcycles but they can't make choices that patients are willing to trust with their lives, so go back to work in the knowledge that you really are indispensable.

IAN MANOVEL
INNOVATION DIRECTOR
Accenture

Phone: 0415 84 84 30

Email: ian.manovel@accenture.com

Twitter: @ManovelInnovate