



# Medwise

## Journey with TheHill

'Improve efficiency, increase effectiveness, support staff and benefit patients', these are the components making up the vision of TheHill, as we

support and build the NHS. Medwise.ai is on a mission to create a world where people receive the best care science has to offer. As such they embody this vision and at TheHill we have been honoured to support them through the MAA 2020 and prepare them for the Investment Day where they pitched to potential investors, and continue to do so as their accomplishments and recognition continues.

Medwise is able to reduce the time it takes for clinicians to locate the latest evidence and guidance to make better and informed decisions for their patients. Ultimately this improves patient outcomes and reduces health care costs.

## Better clinical decisions using AI software to search through exponentially increasing sources of information

Even before COVID-19 spread around the world, pushing health care even in the most advanced systems to the limit, the increase knowledge and information was challenging at best. As clinicians, scientists and researchers rush to understand COVID, there has been an explosion of information but in varying quality.

According to LitCovid, as of 24 November '20, there had been 73,936 COVID-19 related publications, with the number of new publications doubling every 1.4 weeks. In the UK, a variety of organisations continue to published COVID-19 guidelines, constantly revising and updating them making it difficult for clinicians to keep up with the latest information while caring for their patients. Medwise.ai is working hard to help clinicians navigate and find the answers they need instantly from the exponentially increasing sources of information.

*"Our involvement at TheHill has been extremely helpful to understand where our product could fit and develop the business model and financials... we have some interest from investors and are following up these leads."*

Dr Keith Tsui, Medwise.ai

## Team information

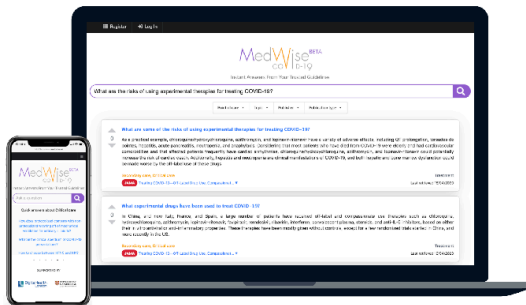
### Dr. Keith Tsui

CEO and Co-Founder, is a medical doctor with an MPhil in Bioscience Enterprise from Cambridge. Dr Tsui also worked as a management consultant at Carnall Farrar to improve the productivity of NHS hospitals. Before founding Medwise, he was a clinical product manager at Medopad (now Huma), a remote patient monitoring start-up partnering with Apple and Tencent. At Medopad, Keith led client discussions and secured deals with Johnson and Johnson and Smith and Nephew.

### Dr. Daniel Duma

CTO and Co-Founder, Dr Duma holds a Ph.D. in Natural Language Processing and Information Retrieval from the University of Edinburgh. The topic of his Ph.D. thesis overlaps with the problems they are solving at Medwise. He has experience as a software engineer at Google and as an applied scientist at Amazon Alexa. Dr. Duma is responsible for research, development and engineering of the Medwise product.

Medwise helps clinicians find answers to their clinical question faster than ever before. Using the latest transformer-based neural networks, the Medwise platform retrieves paragraphs from biomedical journal articles and guidelines to provide instant answers to clinical queries. Their first product is a natural language processing powered platform that instantly searches and retrieves clinical answers for clinicians.



## Q What has being on the MAA programme enabled your company to achieve?

A We have focused on the development of our product during this time, turning the proof of concept into a more saleable, generic version applicable to primary and secondary care questions as well. We were awared an Innovate UK grant which enabled us to achieve a lot of development. Our most viable product is ready to launch. We are now looking for clinicians to test trial the beta version. The highlight has been the mentoring sessions which have been amazing - to get our presentation to the point we did for investor day and we have some interest from investors and leads to follow up... so we are very grateful to be on the programme.

## Accomplished!

- 5 Placed second in the Impact Ventures Super Connect for Good 2021
- 5 One of 5 innovators selected to pitch rare disease challenge solution to RARESummit21
- 5 Winners of RARESummit21 audience vote
- 5 Finalist Health Tech Challengers competition
- 5 Top 10 Healthtech finalists for Superconnect for Good 2021!
- 5 Finalist inHKSTP - Hong Kong Science and Technology Parks Corporation Elevator Pitch Competition 2021
- 5 Raised £588k pre-seed round and £25k in grant funding
- 5 Paid pilot committed
- 5 Part of the StartUp Health Transformer programme, working with experts and innovators around the world on Moonshot mission to improve the health of the world.

