

Transcript for video on the INSIGHT homepage <http://insight.hdrhub.org/>

The video is also available on the HDR UK YouTube channel: <https://youtu.be/BkPXFfetZwM>

Title: INSIGHT Health Data Research Hub for Eye Health

Prof. Alastair Denniston – Director, INSIGHT | University Hospitals Birmingham NHS Foundation Trust

“Our hub is focused on eye disease and the new science of oculo-mics - that’s using our ultra-high-resolution scanning systems to bring new insights into some of the most serious diseases of our time - things like diabetes and dementia.”

[Text on image]

INSIGHT will combine large-scale data with breakthroughs in analytics to facilitate the discovery of new clinical insights

From detection, diagnosis and referral, to new treatments and personalised eye healthcare

Dr Pearse Keane, Chief Data Officer, INSIGHT | Moorfields Eye Hospital

“In 2016, Moorfields Eye Hospital initiated a collaboration with Google DeepMind which allowed us to develop an algorithm which could diagnose many of the commonest causes of blindness. With this hub, we want to share what we’ve learnt from that experience on a national level.”

Dr Jill Hopkins, Industry Partner, INSIGHT | Roche

“Based on big data, we’re hoping we’ll be able to individualise for patients what treatment they need, when they need it, and that will be a true benefit in terms of vision outcomes and delivery of care.”

Dr Wen Hwa Lee, Charity Partner, INSIGHT | Action Against Age-related Macular Degeneration

“One thing that really attracted me to join this fantastic group of partners is the collective vision that we can all work together, making the datasets available to a wider group of participants - and that means a lot of trust, trust not only among the partners themselves, but actually, all the patient data of the general population that will be collected will be handled in a safe and secure manner.”

Dr Pearse Keane, Chief Data Officer, INSIGHT | Moorfields Eye Hospital

“The hub will have a very strong approach to data safety and security and that will be founded on a number of principles. For the application of new technologies (such as A.I.) in healthcare to be successful, they have to put patients first. The transparency about the use of patient data has to be embedded at every stage of the process.”

[Text on image]:

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