Pearse A. Keane, MD, FRCOphth, is a consultant ophthalmologist at Moorfields Eye Hospital, London and an NIHR Clinician Scientist, based at the Institute of Ophthalmology, University College London (UCL). Dr Keane specialises in applied ophthalmic research, with a particular interest in retinal imaging and new technologies.

In April 2015, he was ranked no. 4 on a worldwide ranking of ophthalmologists under 40, published in "the Ophthalmologist” journal (https://theophthalmologist.com/the-power-list-2015/).

In 2016, he initiated a formal collaboration between Moorfields Eye Hospital and Google DeepMind, with the aim of applying machine learning to automated diagnosis of optical coherence tomography (OCT) images. In August 2018, the first results of this collaboration were published in the journal, Nature Medicine.