



RCOphth Annual Congress 2018

Horizon scanning – the robots are coming!

Wednesday 23 May 2018 09.05 – 10.05

Chaired by Professor Paul Foster, Professor of Ophthalmology, UCL Institute of Ophthalmology & Professor Paul Bishop, Professor of Ophthalmology, University of Manchester

Robot-assisted surgery is already being used in some surgical specialties and robotic devices are now being developed and tested in the field of ophthalmology. With a number of new companies entering into this space and advances in computing techniques, such as machine learning, robotic surgery is advancing rapidly. In this session you will hear from leaders in this field about current devices and prospects for future developments.

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| 09.05 – 09.20 | Report of the first use of a remotely controlled robot to operate inside the human eye
Professor Robert MacLaren, Professor of Ophthalmology, University of Oxford |
| 09.20 – 09.40 | Robot design and development for retinal therapeutics delivery
Dr Christos Bergeles, Lecturer, Faculty of Engineering Science, UCL |
| 09.40 – 10.00 | Robotic cataract surgery - the coming revolution
Julian Stevens, Consultant Ophthalmologist, Moorfields |
| 10.00 – 10.05 | Questions and round up |