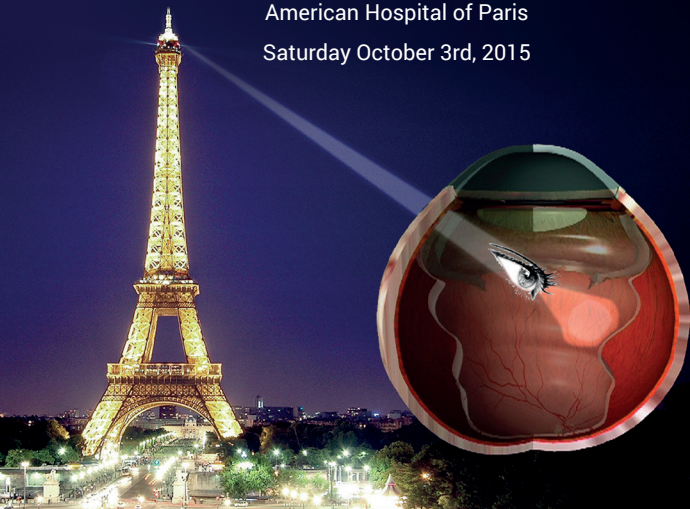


High Tech Ocular Surgery Endoscopy & Robotics

Organized by Claude Boscher

American Hospital of Paris

Saturday October 3rd, 2015



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Visualization of the operative field is the only unexplored territory of surgery

...Problems one does not see do not exist...

Today, the need for endoscopic vitrectomy is better understood. Visualization and access to the anterior vitreous base are critical factors to success in cases of clear media as well as in trauma and endophthalmitis where media are non transparent, and in neovascular glaucoma. All indications of dissection of the anterior vitreous base will be approached with their specific challenges. Endoscopy is unmatched in the treatment of refractory glaucoma and of complicated anterior segment/combined cases.

Until today, the most frequently cited challenges to endoscopy are technology limitations, high cost and the steep learning curve. Today - new high resolution, disposable and affordable endoscopes are emerging and newly trained as well as experienced surgeons are evaluating the benefits.

The demand for precise and personalized medicine is growing
Robotics is emerging in operating rooms.
Ocular robotics will be likely to face the same barriers to adoption as endoscopy.

We are proud to support both the
PRECEYES robotic project (2014 Euretina Innovation award winner)
IRISS robotic project