Yale Eye Center Grand Rounds

“The Future of Vision Chip Implants and Robotic Surgery”

Friday, October 2, 2020
7:00 am – 8:15 am

Zoom
Meeting ID: 997 1899 0880

Course Director:
Ron A. Adelman, MD, MPH, MBA

James T. Handa, MD
Robert Bond Welch, MD Professor
Chief, The Retina Division
Department of Ophthalmology
Wilmer Eye Institute
Johns Hopkins University School of Medicine

ACCREDITATION
The Yale School of Medicine is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

TARGET AUDIENCE
Eye care professionals.

NEEDS ASSESSMENT
Visual rehabilitation for patients with severe vision loss is a well-established gap in clinical care. Inherited retinal dystrophies are blinding diseases that affect 1 in 3500 people (Verbakel SK et al. Prog Retin Eye Res. 2018 Sep;66:157-186; PMID: 29597005). While gene therapy offers the potential for restoring vision, many gaps remain before widespread use can be implemented. The ARGUS II implant was approved by the FDA in 2013 for severe vision loss due to inherited retinal dystrophies. Despite 153 publications on the ARGUS II, ophthalmologists are unfamiliar with this technology. Likewise the emergence of robotic surgery has provided new opportunities for advancing ophthalmologic surgery (Channa R, Iordachita I, Handa JT. Retina. 2017 Jul;37(7):1220-1228. PMID: 27893625).

LEARNING OBJECTIVES
At the conclusion of the conference, meeting participants will be able to:
• Understand the pros and cons of the Argus II implant.
• Provide insight into alternative vision chip implants
• To provide background robotic surgery for ophthalmology and its potential to improve surgery

DESIGNATION STATEMENT
The Yale School of Medicine designates this live activity for 1.5 AMA PRA Category 1 Credit(s)™. Physicians should only claim the credit commensurate with the extent of their participation in the activity.

FACULTY DISCLOSURES
Speaker: James Handa, MD – Bayer Pharmaceuticals, PI
Course Director: Ron A. Adelman, MD, MPH, MBA - NONE

There is no corporate support for this activity.
This course will fulfill the licensure requirement set forth by the State of Connecticut.

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