

PROGRAM

7–8 a.m. Registration and Breakfast

SESSION 1 **Introduction: Tele-Medicine and Tele-Ophthalmology**

8 a.m.

MODERATOR:

Lama Al-Aswad, MD, MPH

8–8:05 a.m.

Welcome and Opening

George Cioffi, MD

8:05–8:15 a.m.

“Why Tele-Ophthalmology?” (Definitions, History, Nomenclature)

Lama Al-Aswad, MD, MPH

8:15–8:30 a.m.

“Time is Brain: Identifying an Unmet Need and Building a Successful Tele-Medicine Program, The NYP Stroke Experience”

Olajide Williams, MD

SESSION 2 **Tele-Ophthalmology****Tele-Retina****MODERATORS:**

Stanley Chang, MD; Louis Pizzarello, MD, MPH

8:33–8:43 a.m.

“Diabetic Retinopathy: The Burden of Early Detection”

Srilaxmi Beareilly, MD, MHS

8:43–8:53 a.m.

US Diabetic Retinopathy Programs

Seema Garg, MD, PHD

8:53–9:03 a.m.

International Diabetic Retinopathy Programs

Alexandre Taleb, MD, PHD

9:03–9:23 a.m.

KEYNOTE: “Tele-ROP Implications for Diagnosis and Management”

Michael Chiang, MD, MA

Tele-Glaucoma**MODERATORS:**

Jeffrey Liebmann, MD; Lama Al-Aswad, MD, MPH

9:26–9:36 a.m.

Glaucoma: “The Burden of Early Detection”

Dana Blumberg, MD, MPH

9:36–9:46 a.m.

US Initiatives

Jonathan Myers, MD

9:46–9:56 a.m.

International Initiatives

Karim Damji, MD

9:56–10:06 a.m.

Remote Functional Testing

Gustavo De Moraes, MD, MPH

10:06–10:16 a.m.

Remote Structural Testing

Albert Khouri, MD

10:16–10:46 a.m.

PANEL DISCUSSION: “Is Tele-Medicine for Ophthalmology Feasible? Implications for Diagnosis and Treatment”

PANEL MODERATORS:

Stanley Chang, MD; Jeffrey Liebmann, MD

10:46–10:55 a.m.

Break

SESSION 3 **Tele-Medicine and Population Health**

10:55 a.m.

MODERATORS:

Louis Pizzarello, MD, MPH; Lisa Park, MD

10:55–11:15 a.m.

KEYNOTE: “International Tele-Ophthalmology and Population Health: The Indian Experience”

Kim Ramasamy, MBBS, DO, DNB, MD

11:15–11:25 a.m.

“Tele-Ophthalmology for an Underserved Community: The CUMC Remote Screening Experience”

Lama Al-Aswad, MD, MPH

11:25–11:35 a.m.

U REACH – A Technology-Enabled, Large School Eye Health Initiative
Rahul Ali, MD, MBA

11:35–11:45 a.m. Long Distance Learning
Yousuf Khalifa, MD

11:45 a.m.–12 p.m. PANEL MODERATORS AND SPEAKERS:
Louis Pizzarello, MD, MPH; Lisa Park, MD

12–12:45 p.m. Lunch Break

SESSION 4 Existing and Disruptive Technologies for Tele-Ophthalmology

12:50 p.m. **MODERATORS:**
Tongalp Tezel, MD; Louis Pizzarello, MD, MPH

12:50–1 p.m. **Mobile Devices**
Siddarth Rathi, MD, MPH

1–1:10 p.m. **Virtual Reality**
Louis Pasquale, MD

1:10–1:20 p.m. **“Minimal Image Requirements to Maximize Assessments”**
Hanna Coleman, MD

1:20–1:30 p.m. **“Scaling Down Your Office”**
William Mallon, MD

1:30–1:55 p.m. PANEL MODERATORS AND SPEAKERS:
Tongalp Tezel, MD; Louis Pizzarello, MD, MPH

SESSION 5 Artificial Intelligence in Medicine and Ophthalmology

1:58 p.m. **MODERATORS:**
Michael Abramoff, MD, PHD; Lama Al-Aswad, MD, MPH

1:58–2:18 p.m. **KEYNOTE: “What Is AI?”**
Michael Abramoff, MD, PHD

2:18–2:28 p.m. **“AI: The Deep Mind Google and Verily Experience”**
Sunny Virmani, MS

2:28–2:38 p.m. **Watson IBM**
Lloyd Hildebrand, MD, FACS

2:38–2:48 p.m. **Visulytix**
Sameer Trikha, MD

2:48–2:58 p.m. **“Is OCT Ready for AI?”**
Donald Hood, PHD

2:58–3:18 p.m. PANEL MODERATORS:
Michael Abramoff, MD, PHD; Lama Al-Aswad, MD, MPH

3:18–3:28 p.m. Break

SESSION 6 The World of Tele-Medicine: IT Security and the Role of Government

3:30 p.m. **MODERATORS:**
George Cioffi, MD; Peter Fleishuct, MD

3:30–3:40 p.m. **IT Security**
Timothy Crimmins, MD

3:40–3:50 p.m. **Data Management**
Daniel Barchi, MEM

3:50–4 p.m. **“American Tele-Health Device Comparison”**
Mark Horton, OD, MD

4–4:20 p.m. **KEYNOTE: Regulatory and Government Issues**
Malvina Edelman, MD

4:20–4:50 p.m. PANEL MODERATORS AND SPEAKERS:
George Cioffi, MD; Peter Fleishuct, MD

4:50–5 p.m. **Meeting Summation**
Louis Pizzarello, MD, MPH

5 p.m. Adjournment