



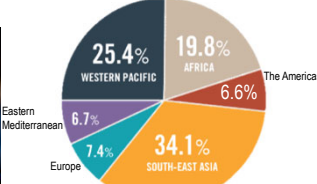
Global Ophthalmology Seeing the World in New Light

Lloyd B. Williams, MS, MD, PhD
Director of DukeGO
Director of Refractive Surgery, Duke University

 Duke Eye Center

WORLD BLINDNESS

42 million Blind in both eyes worldwide
(4 times the population of North Carolina)



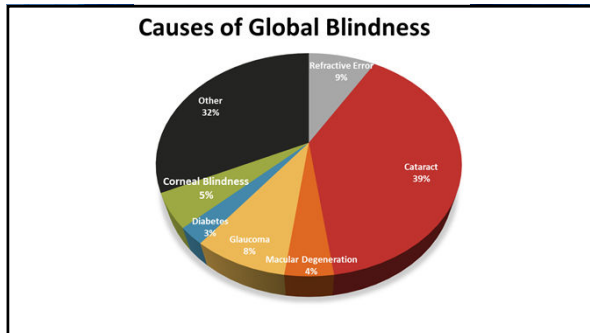
Region	Percentage
WESTERN PACIFIC	25.4%
AFRICA	19.8%
The Americas	6.6%
SOUTH-EAST ASIA	34.1%
Europe	7.4%
Eastern Mediterranean	6.7%

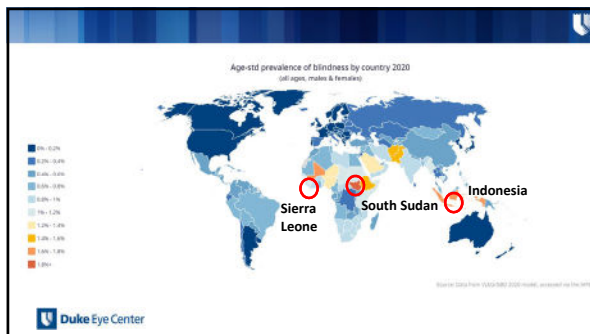


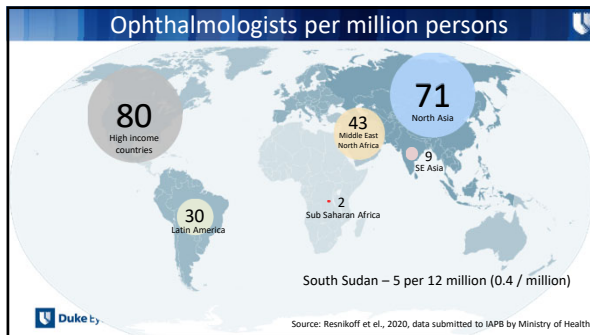












What are we doing at Duke GO

Surgery **Education** **Infrastructure**

Restoring Sight in Patients at Home and Abroad



Duke Eye Center

What are we doing at Duke GO

Surgery **Education** **Infrastructure**

Restoring Sight in Patients at Home and Abroad



Duke Eye Center























Loss of family standing

Sexual assault

Social Exclusion

Bullying

"A Blind Person is a Mouth with No Hands"

Early Death

Violence

Poverty

Loneliness

Blindness and the economy

South Sudan loses about 10% of GDP due to blindness

- 4% blindness
- 2.5 people out of work for 1 blind person
- 10% of workforce

S. Sudan
GDP/capita
800


Texas
GDP/capita
80,000

South Sudan

Duke Eye Center

Blindness and children

- Blind children have 1/3 the lifespan of sighted children
- Blind adults usually have a child who cares for them
- Children caring for a blind adult can't go to school and lose a lifetime of education
- Blind children can't see to learn



Duke Eye Center



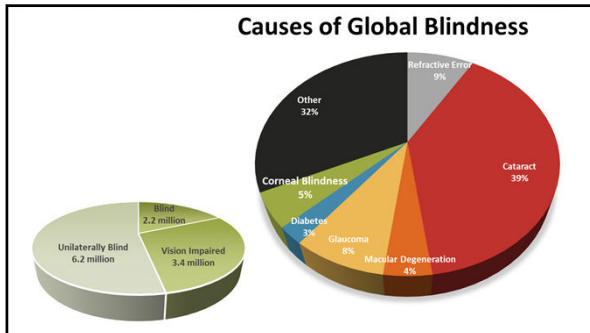




What are we doing at Duke GO

Surgery 	Education Restoring Sight in Patients at Home and Abroad 	Infrastructure 
---	---	--

Duke Eye Center















Cornea Transplant Education – El Salvador

















