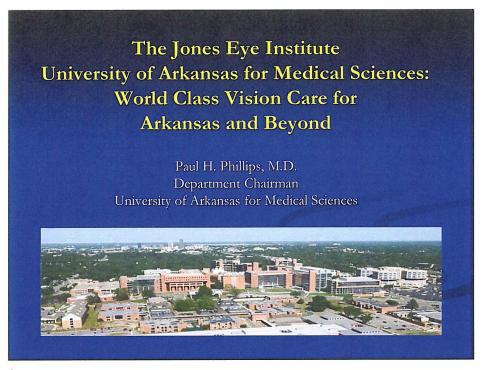
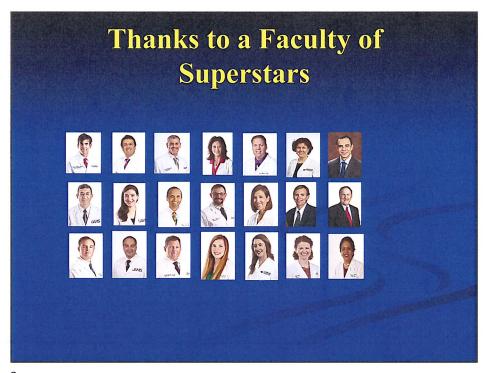
HANDOUT E

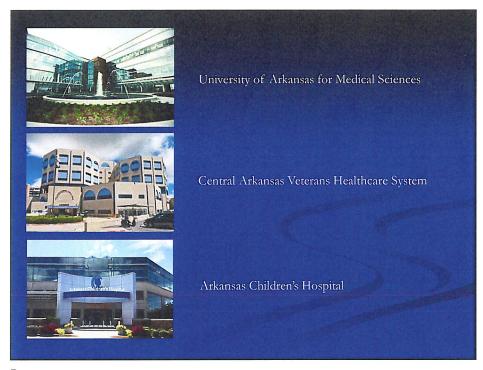


1

Ophthalmology Department Academic Mission Clinical Teaching Research







Annual Clinical Volume Cataract surgery - 1036 Oculoplastics - 1040 Retina - 832 Strabismus surgery - 305 Glaucoma - 250 Cornea - 150 Clinic visits - >60,000

Specialized Services

- Ocular Genetics Clinic
- Outreach Marshallese Gift of Sight
- Outreach Telemedicine for Diabetes
- International Rotation
- Resident Training
- Research

7

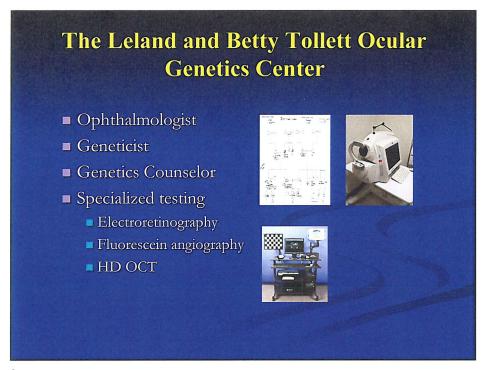
The Leland and Betty Tollett Ocular Genetics Center

- Established in 2009
- Concept introduced by Dr. John Shock
- Director Dr. Sami Uwaydat, M.D.
- Dr. Bradley Schaefer, Director of Medical Genetics, UAMS
- Generous donation from the Tollett family

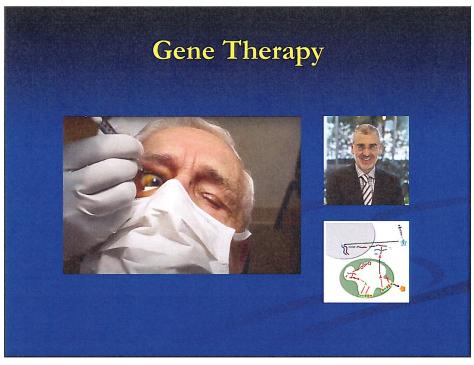






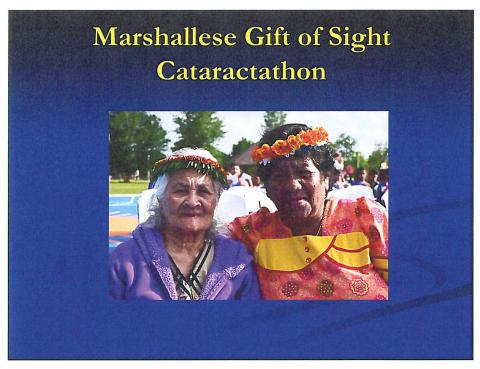


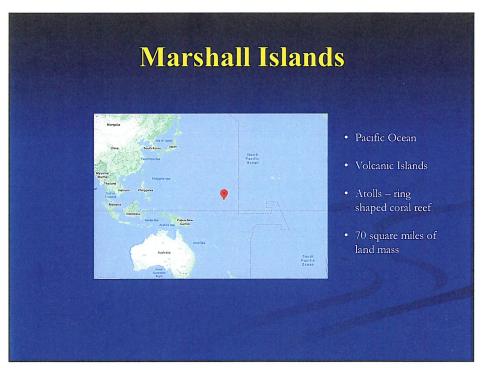
The Leland and Betty Tollett Ocular Genetics Center			
100	Conditions Diagnosed		
	Leber Hereditary Optic Neuropathy	Masian Syndrome	
	Albinism (OCA/DA)	Usher Syndrome	
	Retinitis Pigmentosa	Neurofobromativsts	
	Saften Disease	NARP Syndrome	
	Von Hippel Lindau	Congenital (Coulomotor Apraula	
	Tuberous Sclerosis	Corneal Granular Dystrophy	
	Optic Atrophy	Congenital Progressive External Ophthalmoplegla	
	Leber Congenital Amountais	Stickler Syndrome	
	X-Linked Retinoschisis	Stargardt's bleases	
	Boubert syndrome		
	Age Related Macular Degeneration		

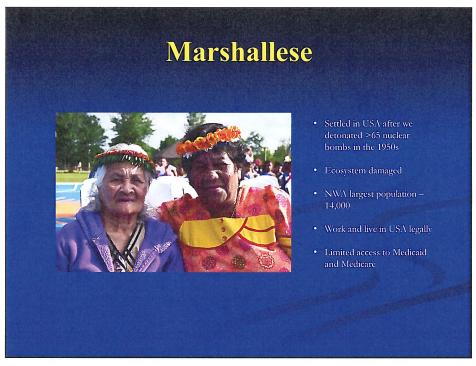


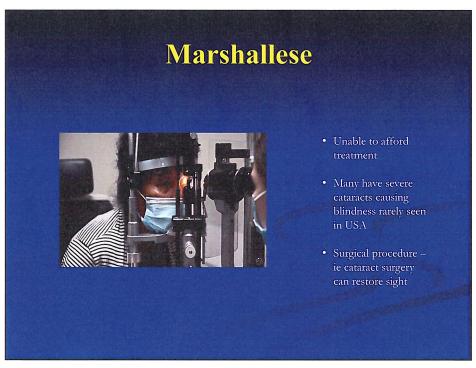
Clinical Outreach

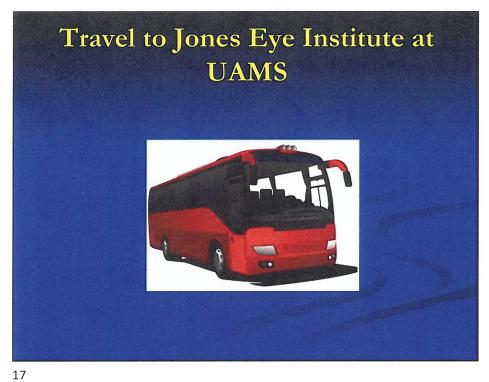
- Marshallese Gift of Sight
- Telemedicine
 - Diabetic Retinopathy
 - International Rotation













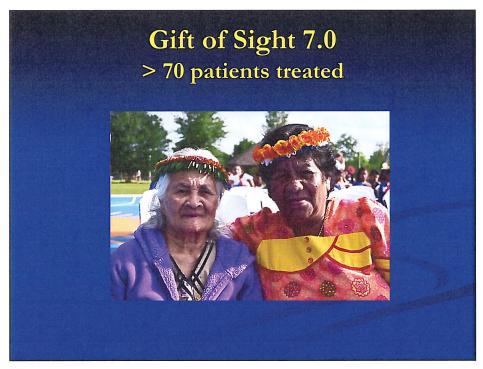


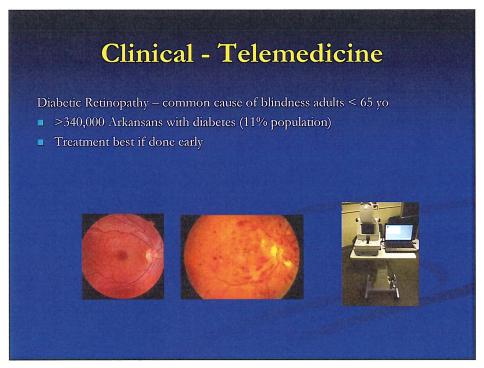


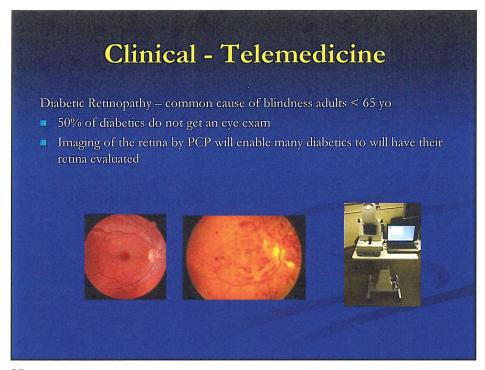
8/12/2024

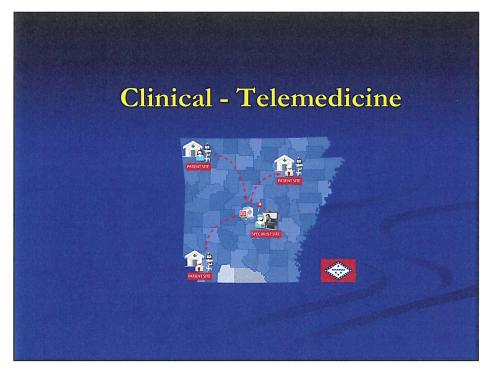












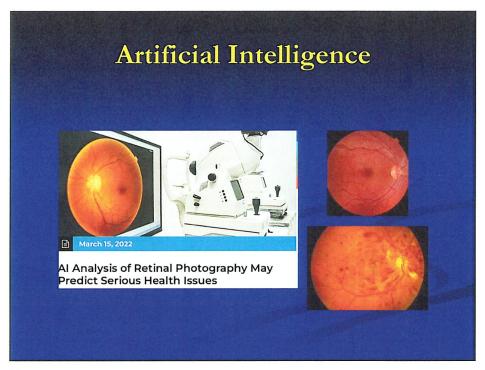
Telemedicine Diabetic Screening in Arkansas

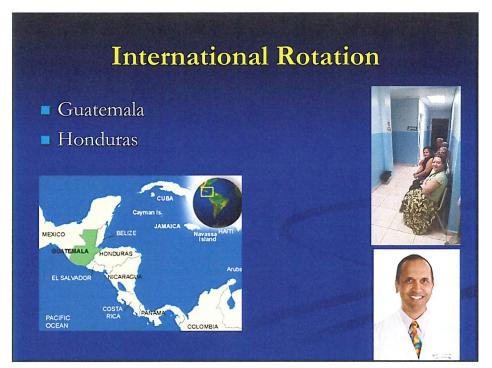
- February 2019-March 2024
- 1,391 diabetic patients were screened
- 223 (16%) were found to have some level of retinal damage from diabetes
- 389 (28%) were found to have an ocular condition that requires evaluation by an eye care provider
 - Cataract
 - Glaucoma
 - Macular degeneration
 - Retinal scars

27

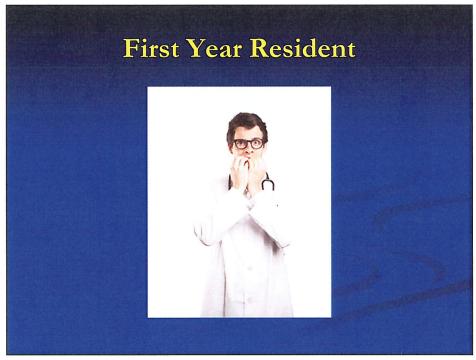
Benefits of Telemedicine

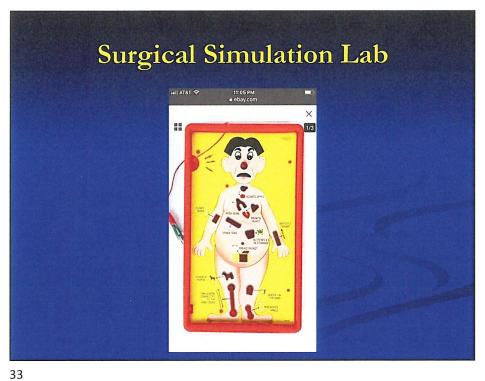
- Improved access to retinal screening for diabetic patients.
- Earlier detection of sight-threatening retinopathy
- Imager utilizing retinal images to reinforce need for follow-up.
- Opportunity for resident education regarding diabetic retinopathy.
- Reduction in vision loss due to diabetes.

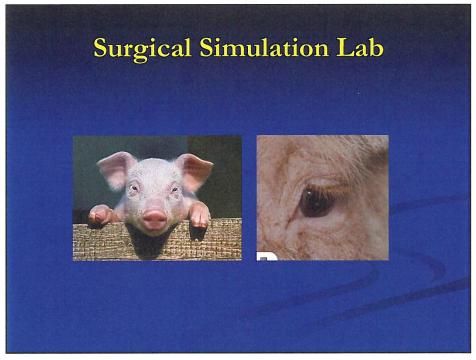


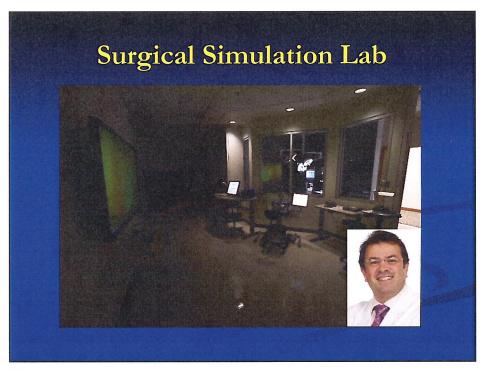




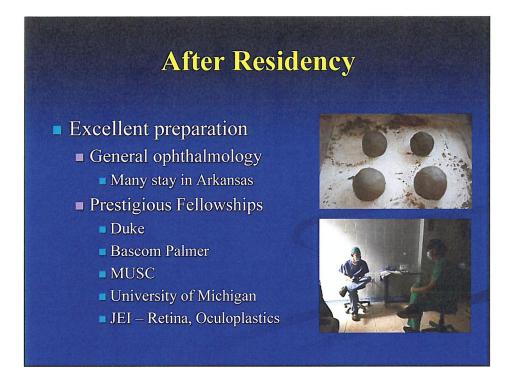












Clinical Research 2023 Papers - 62 Presentations - 42 Multicentered Clinical Studies - 8 Strabismus – adults and children Pseudotumor cerebri HZV Leading enroller - 4 Writing Committee - 4













