Drs. Fine, Hoffman & Sims
OPHTHALMOLOGISTS
What is an Ophthalmologist?
Education

- College – 4 Years
- Medical School – 4 Years
- Internship – 1 year
  - General Medicine training
    - Hospital wards
    - ICU
    - Outpatient clinics
    - ER
- Residency – 3 years
- Fellowship -1 or 2 years
Medical Conditions and Surgical Treatments
Cataract
Glaucoma

- Elevated intraocular pressure causing optic neuropathy
- Starts with peripheral vision loss
- Can lead to complete blindness
- Treatments include eye drops to lower intraocular pressure
- Laser surgery
- Intraocular Surgery
Optic Nerve Cupping
Glaucomatous Peripheral Vision Defect
Automated Visual Field
Glaucoma drainage implant
Diabetic Retinopathy
LASIK Surgery

- Surgery performed on the corneas
- Achieves independence from glasses and contacts
Emergencies
Slept in your contacts lately?
Airbag Deployment
Hyphema
Dog Bite
Haying Machine
Paintball
Red Painful Eye
Sparkler injury
Circular Saw
Fish Hook
Squamous Cell Carcinoma
Guatamala Mission
We Brought Everything!
6 corneas 50 patients

• Measles is a leading cause of childhood blindness in developing countries where immunization programs are less established

• Ocular consequences:
  – Conjunctivitis
  – Keratitis
  – Corneal scarring
  – Retinopathy
  – Optic neuritis
Thank You

Have a great day!