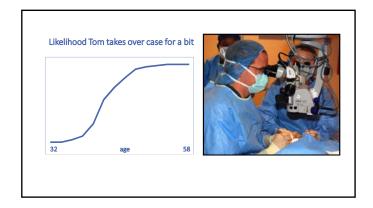
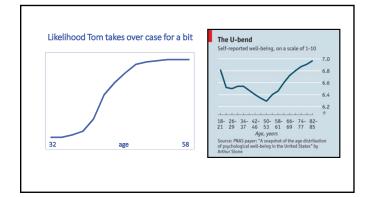
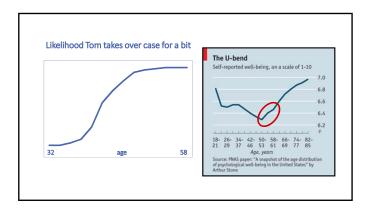
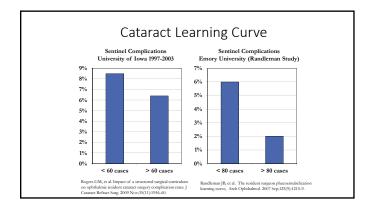


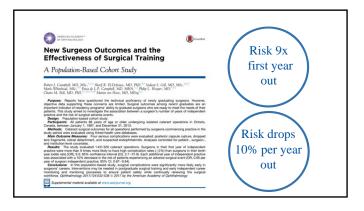
better to do some of a good case than all of a bad case

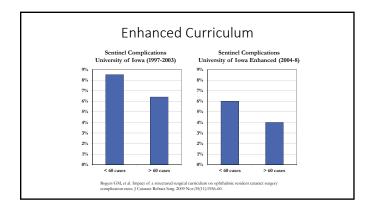


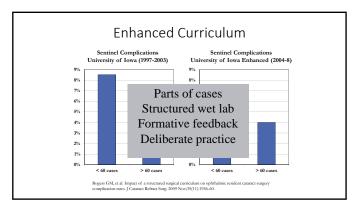












Parts of cases – backing in

- 1st week fold IOL
- 2nd week insert IOL
- 3rd week insert IOL, remove OVD
- 4th week remove cortex. , insert IOL, remove OVD...



Parts of cases – backing in

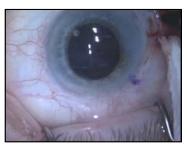
- Takes about 20 cases to get AC depth
- Back part of case is safer for greenhorns



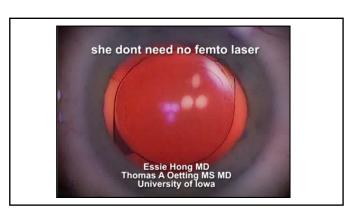
Parts of cases – one hand first



Parts of cases – join the dots



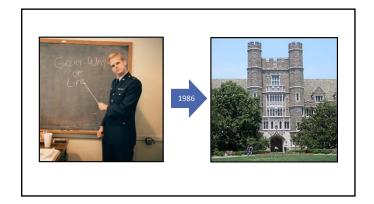


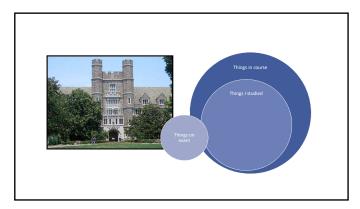


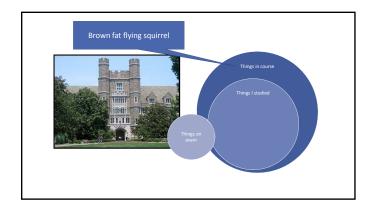
tell the people what you want

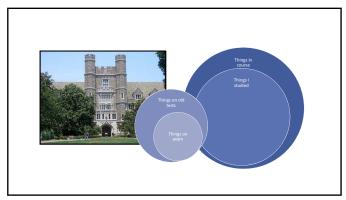


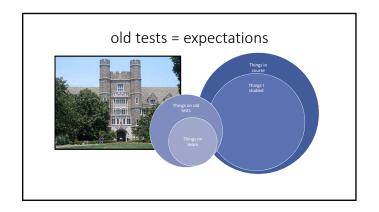












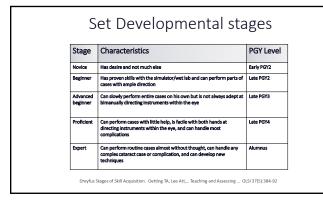


tell the people what you want

align expectation, assessments, resources









Set expectations for each Stage

Beginner

- identify all instruments in VA cataract tray
- describe steps of
- phacoemulsification
 perform phaco in pig
 eye in wet lab
- fold and place IOL

Advanced Beginner

- perform 5 uncomplicated cases using 1 hand < 45min
- describe steps to convert to ECCE
- demonstrate ability to consent patient for cataract surgery

Set expectations for each Stage

- identify all instruments in VA cataract tray
 - describe steps of phacoemulsification
 - perform phaco in pig eye in wet lab
- fold and place IOL

Advanced Beginner

- perform 5 uncomplicated cases using 1 hand < 45min
- describe steps to convert to ECCE
- demonstrate ability to consent patient for cataract surgery

Developing resources

"know the name and purpose of every instrument on the cataract tray"



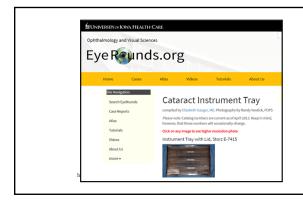
Residents develop resources







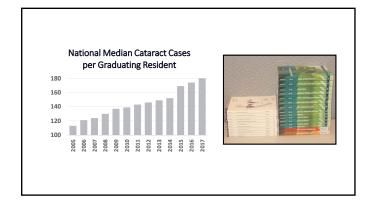
Paula Wynn Flash Cards

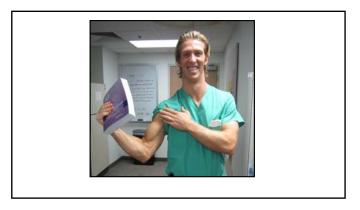


















- Traditional wet labs messy
- Use simulated eyes
 - Your OR
 - Your instruments
 - Your microscope



- Traditional wet labs messy
- Use simulated eyes
 - Your OR
 - Your instruments
 - Your microscope



Yamane practice on Simuleyes

- Traditional wet labs messy
- Use simulated eyes
 - Your OR
 - Your instruments
 - Your microscope

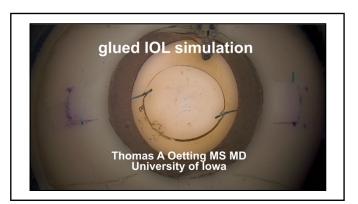


Nucleofractis practice on kitaro eyes

- Traditional wet labs messy
- Use simulated eyes
 - Your OR
 - Your instruments
 - Your microscope



capsule retractor practice on phillips eyes







Inefficient Training





Inefficient Training





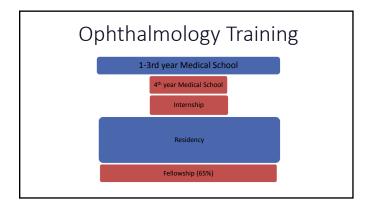
AMERICAN ACADENTY

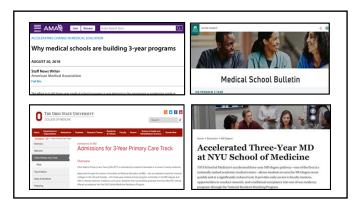
Integrating the Internship into
Ophthalmology Residency Programs

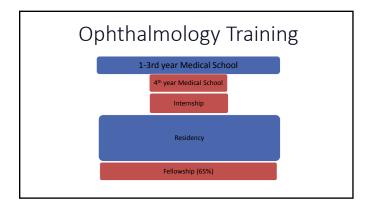
Association of University Professors of Ophthalmology
American Academy of Ophthalmology White Paper

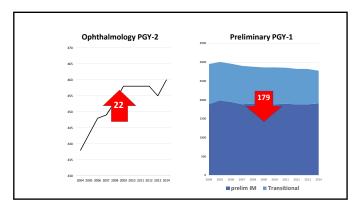
Thomas A. Centing, MS, MD, * Eduardo C. Alfonso, MD, * Anthony Arrold, MD, * Louis B. Cantor, MD, *
Keith Center, MD, * Court, A. Center, MD, * MBA, * Borth Menhou, MD, *
Donal W. Palier, II, MD, * Season Presidence, MD, * MBA, * Borth Menhou, MD, *
Future ophthalmologists does not take advantage of all of the postportabule years (PSV), Although the traditional residency years seem to have three does not accept the professional programmatics of the stadional residency years seem to have the PSVs, allowaye or professions of opinities training for confirmation of all of the postportune and the stadional residency years seem to have the PSVs, allowaye or professions to opinities training for confirmation of all of the PSVs, allowaye or professions or opinities training confirmation and the PSVs, allowaye or professions or opinities training for confirmation of all other pSVs, allowaye or professions or opinities training for confirmation of all other pSVs, allowaye or professions or opinities training for confirmation of all other pSVs, allowaye or professions or opinities training for confirmation of all other pSVs, allowaye or professions or opinities training for confirmation of the postportune training the information of the postportune training the confirmation of the postportune training the profession of the postportune training the confirmation of the postportune training the profession of the postportune training the profession of the postportune training the postportune training

Ophthalmology Training 1-3rd year Medical School 4th year Medical School Internship Residency Fellowship









Ophthalmology Training 2.0 1-3rd year Medical School 4th year Medical School/modules/boot camps Medical Internship with 6 mos ophthalmology Residency which allows electives/tracks Fellows Associates



