The authors have no financial interests in this survey study.
2013 Survey

- Fifth year of ONLINE*** Survey
- E-mailed to 1150 U.S. ISRS members
- Seventeenth year of refractive data collection overall

- 144 responses analyzed by October 7, 2013 for 13% response of the membership e-mailed.

- Alphabet soup of refractive surgery including corneal and lens-based surgeries and premium refractive IOLs.
> 5 Cases / Month

DUFFEY/LEAMING 2013
> 25 Cases / Month

DUFFEY/LEAMING 2013
Preferred Surgery For a 30 yo -10.00 Diopter Myope

* 47% LVC

DUFFEY/LEAMING 2013
Preferred Surgery For a 45 yo +3.00 D Hyperope

*58% LVC

DUFFEY/LEAMING 2013
Preferred Surgery For 45 yo +5.00 D Hyperope

13% LVC
Willing To Do Bilateral Surgery At Same O.R. Visit

![Graph showing willingness to do bilateral surgery at the same O.R. visit over different years for various procedures.]
Family LVC Index: (LASIK or PRK Performed on Ourselves and Family Members)

* >3X the general population

DUFFEY/LEAMING 2013
Excimer Laser Most Commonly Used

- VisX
- Nidek
- Wavelight
- B and L
- Schwind

Years:
- '97
- '00
- '03
- '06
- '09
- '10
- '11
- '12
- '13

DUFFEY/LEAMING 2013
Flapmaker Most Commonly Used

* 73% femtoflaps

DUFFEY/LEAMING 2013
Topography Unit Most Commonly Used
(some physicians use more than one equally)
Preferred Surgery for “Pre-Cataract” Presbyopia

DUFFEY/LEAMING 2013
Preferred Flap Thickness
(when no other constraints)

DUFFEY/LEAMING 2013
Minimum Residual Stromal Bed Thickness Requirement for LASIK

* 61% at 275 microns or greater
Total Cases of Post LASIK Ectasia as the Primary Surgeon in Career

* Not growing

DUFFEY/LEAMING 2013
Threshold of Astigmatism Offered Correction at Cataract Surgery

*67% will offer to correct astigmatism when it reaches 0.75 D and 90% when it reaches 1.25 D

DUFFEY/LEAMING 2013
Procedure for Low Astigmatism Intervention (0.5 to 1.0 D)

* 88% LRI/AK

DUFFEY/LEAMING 2013
Procedure for Medium Astigmatism Intervention (1.12 to 2.0 D)

DUFFEY/LEAMING 2013

LRI  10  '12
AK   15  '13
Toric 75

? FS AK
Procedure for High Astigmatism Intervention (2.0 D plus)

DUFFEY/LEAMING 2013
Do You Currently Perform CXL?

*Not FDA approved
* No Change in Total LVC from 2012.
Ratio of PRK / Total LVC approximately 25% over past four years.
FemtoSesond Laser-assisted Refractive Cataract Surgery on the rise.

FS, Toric and PresbyIOL are not high volume refractive surgeries yet like LASIK in its heyday, but on the rise.

Multifocals trump Accomodative IOLs, but neither high penetration.

More astigmatism management (even low amt.) in cataract surgery.

Healthy LVC Family Indices amongst refractive surgeons themselves.

Post-LVC ectasia on the further decline.
Thanks to the ISRS leadership for their support and for your participation in the 2013 Survey.

We look forward to your response to our sixth ONLINE survey and the eighteenth survey overall next fall.

***Complete 17 years of survey results found at www.duffeylaser.com