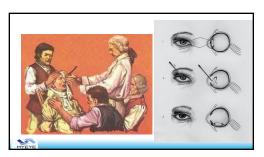
Understanding Existing and Emerging IOL Technologies – What Does Your Patient Really Need?

Bobby Saenz, O.D., M.S., F.A.A.O

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Typ. Marian Mari

3



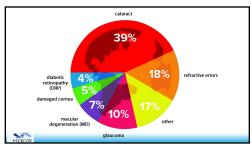
Cutting Edge Co-Management

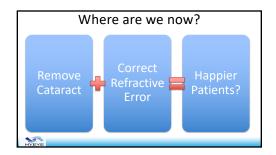
1 1747 – First ECCE
1 1949 - 19 (OL)
1 1967 – Priscemulsification
1 1989 – 10 (Is commonly used)
1 1989 – 10 (Is commonly used)
1 1995 – PRIC 1999 (Is commonly used)
1 1997 Multifical IOL
1 1999 Is closed,
1 1999 Is closed,
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2 2005 (ICL
2 2010 Lems Sa
2 2006 Symfony Toric
2 2016 Symfony Toric
2 2019 Panoptix (trifical IOL)

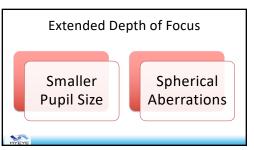
PYEXE

**Common part of the time was as a confine given and with time was as a confine given, and with time was as a confine given, and with time was as a confine given and was a confine given given and was a confine given g

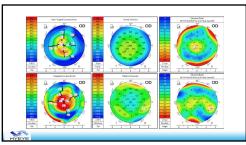
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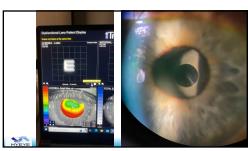




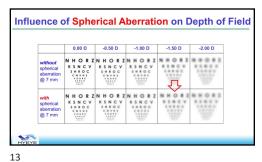


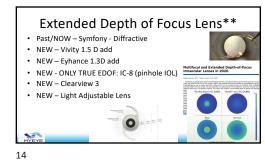
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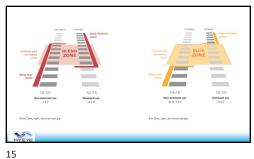




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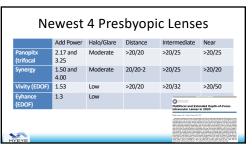


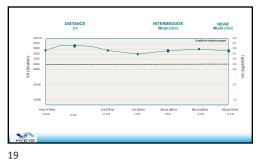


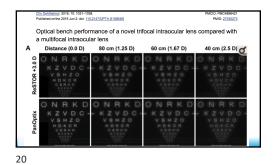








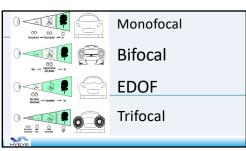


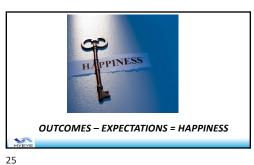












Journal of Cataract & Refractive Surgery

Case #1: 64 y/o retired realtor

- H/p +2.50 successful monovision CL's x 20 years
- · Complains of decreased reading vision and over all blur
- Does not want to wear any glasses and would like to stop contacts
- 2+ NS OU PH 20/30 OU
- Topo and OCT Normal with 0.5D of WTR Corneal cyl OU

27

Results

• Day 1: 20/20 OD and J2 OS

• Mrx: plano -0.50 x 060 20/20 +1

20/20 +2 • Mrx: -2.00 sphere

28

26

Unhappy Meh Нарру Very Happy

A) Unhappy B) Meh C) Happy D) Very Happy Pt is **EXTREMELY ANGRY** about ... near vision





LASIK enhancement performed for +0.50 OD

• Pt went from Extremely Angry to Extremely Happy

- Over 1/2 Diopter
- Seriously...

33

Cataract Case 2: 62yo +1.00 – 3.00 x 180

- DVA 20/30
- NVA 20/30
- NS 2-3+
- Cornea Cyl 1.00D
- OD "Can you just leave them the way they are?"

34

32

Night time Truck Driver

- Diagnosed with cancer on nose
- Has beginnings of cataracts
- NS 2+
- Wants to not wear glasses at all, since glasses run on that area.
- Best option for this patient?



Monofocal

Bifocal

EDOF

Trifocal

35 36

Why are some people unhappy after cataract surgery?

- Dry eye
- Not setting proper expectations
- Residual refractive error
- Not being aware of all options
- Dry Eye

Post op visits

- 1 day IOP and TASS
- 1 week IOP and Endophthalmitis
- 1 month IOP and CME

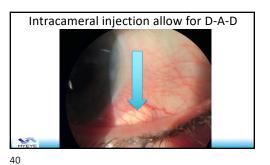
If the vision is decreased, find the reason!

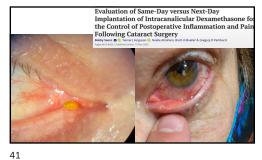
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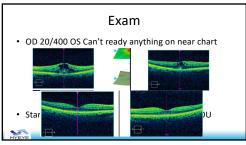






Post operative 1 month

• Patient "My vision used to be good but now I can't see. I can't even see to drive. My OD says I have dryness, can you just double check, because I literally can't see to drive."



So let's come back to the question:

What does your patient really need?

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Retired teacher
 Architect
 Truck Driver
 Amblyope

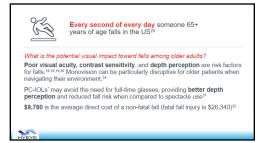
NO TEXTING WHILE WALKING

- Americans check their smartphones 8 billion times per day
- 46x/day 2015
- 96x/day now
- 672x/week

• 34,944x/year



46





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The need.

- Who are they?
 - Myopic

 - HyperopicMixed Astigmatism
- What are they wanting to REASONABLY accomplish?
- Why did they pick the target?





50

If you were having cataract surgery tomorrow, what lens would you pick?

51

This may be hard to hear..... But not everyone is you.

So we just educate everyone.... And let them decide.

And remind them after... it was their $\text{decision.} \ \odot$

52

Degnesh



Everyone deserves to see



Degnesh And this mom too

- 45 year old with eight children
- Bilateral cataracts