

IS FLACS THE GOLDEN STANDARD TODAY?

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MODERN TRADITIONAL PHACO SURGERY VS. FEMTOSECOND LASER ASSISTED CATARACT SURGERY (FLACS)

Modern Traditional Phaco Surgery

- Sub- 2 mm incision, sutureless, self-sealing
 - Different viscoelastic materials for any needs
 - Efficient phaco tips and ultrasound energy delivery
 - Optimized fluidics
- Very high safety end efficiency, great intraoperative control



MODERN TRADITIONAL PHACO SURGERY VS. FEMTOSECOND LASER ASSISTED CATARACT SURGERY (FLACS)

FLACS State of the Art

- Same incision as traditional phaco surgery, just more accurate and reproducible
 - 98-99% complete perfectly circular, sized and centered capsulotomy
 - Nucleus fracture and softening to facilitate aspiration with less US
- Very high safety and efficiency, great intraoperative control and reproducibility



IS FLACS *REALLY* THE GOLDEN STANDARD TODAY???

Different Perspectives

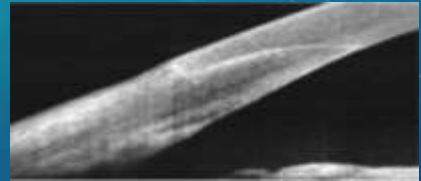
- Clinical outcomes
- Safety profile
- Patient experience and marketing
- Business plan and efficiency



FLACS CLINICAL OUTCOMES

A Few Comparative Studies

- As good as with modern traditional phaco surgery
- Better refractive results?
 - Centered, round capsulotomy may lead to better ELP (not proven)
 - Reproducible and repeatable incisions lead to more consistent SIRC



FLACS SAFETY PROFILE

- Easier capsulotomy especially in challenging cases
 - PEX, zonulolysis, no red reflex, intumescent
- Lower US power used when softening the nucleus
 - Less endothelial damage
- Learning curve (technology and surgery) with slightly more intraoperative and postoperative complications



FLACS PATIENT EXPERIENCE AND MARKETING

- Patients love the idea of cataract surgery performed with the laser
- FLACS is a powerful marketing tool



FLACS BUSINESS PLAN AND EFFICIENCY



- Additional costs
- Premium fee
- Longer time
- Slower patients flow
- Technology-related downs



IS FLACS *REALLY* THE GOLDEN STANDARD TODAY???

Different Perspectives

- | | |
|------------------------------------|--|
| • Clinical outcomes | Not as of today |
| • Safety profile | Yes, only for challenging cases |
| • Patient experience and marketing | Yes |
| • Business plan and efficiency | Yes/No |



WHY AM I USING FLACS ROUTINELY?

Different Perspectives

- | | |
|------------------------------------|--------------------------------------|
| • Clinical outcomes | Same as traditional phaco |
| • Safety profile | Same as traditional phaco |
| • Patient experience and marketing | High-end practice, successful |
| • Business plan and efficiency | Efficient, more revenues |



FEMTOSECOND LASER ASSISTED CATARACT SURGERY: WHAT WILL HAPPEN?

Waiting for the future

- Clinical outcomes and safety profiles will improve further. Early technology with great margins for advancement
- Patients asking for FLACS will increase via word of mouth
- Costs will decrease, business plans will become more affordable



*The people who are crazy enough to think
they can change the world are the ones
who do.*

Steve Jobs, CEO Apple, 1997

THANK YOU!

