

IMPROVING CATARACT SURGERY OUTCOMES: OLD AND NEW TRICKS OF THE TRADE

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Purpose: To review simple methods of improving cataract surgery outcomes and compare results of first quarters in two successive years. Methods: Cataract surgery methods and outcomes were reviewed for two corresponding quarters during which 100 procedures were performed (2015-2016). Systematic reviews of the biometric data and the use of a new IOL calculator, UniversIOL, were instituted in the second year. Outcomes were compared. Results: Statistically and clinically significant improvements were observed between the two periods. A systematic use of biometric data review allowed for appropriate planning for the more difficult cases with improved outcomes. With such reviews and the use of UniversIOL, the number of refractive surprises was drastically reduced and patient satisfaction was positively impacted. Conclusions: It is possible to significantly improve outcomes in cataract surgery at minimal cost through the use of thorough reviews of biometric data and the use of a powerful IOL calculator such as UniversIOL. Financial Disclosure: No