

2nd GLOBAL OPHTHALMOLOGY SUMMIT 2019

March 27-28, 2019 | Amsterdam, Netherlands

Lakhesh Chandra Madharia, Ophthalmol Case Rep 2019, Volume 3



Lakhesh Chandra Madharia

Ashirwad Laser & Phaco Eye Hospital & Diabetic Centre, India

BIOGRAPHY

Lakhesh Chandra Madharia after completing his MS in Ophthalmology in 1987 made his own way in the field of surgical ophthalmology and by acquiring various important positions and newer surgical techniques he has created several milestones in his vast experience of 31 years he has served with his best surgical capabilities under various govt and private organizations and performed more than 130,000 surgeries. He has several National and International awards & Research publications to his credit. His teaching experiences have been more practical than theoretical which has proved the boon to all the students who have acquired training under him to learn basics and advanced surgical ophthalmology. He is a most sought after guest speaker in various national and international conferences and have been associated with many charitable trusts. He is presently working as a Director at Ashirwad Laser Phaco Eye Hospital & Daibitic Center Bilaspur India.

dr.lakheshmadharia@gmail.com

PHACO IN MATURE AND INTUMESCENT CATARACT, ZEPTO DISPOSABLE CAPSULOTOMY DEVICE MADE IT EASY

Continuous Curvilinear Capsulotomy (CCC) is the key of success in all cases of phaco emulsification, but in cases of Intumescent & Mature Cataract many times we find difficulty to make precise capsulorhexis. Zeptoprecision nano-pulse capsulotomy device is FDA approved (US Food and Drug Administration), disposable and uses low energy pulses to create a precise central capsulorhexis, independent of lens density and pupil size. In this article, the authors report their experience of performing anterior circular curvilinear capsulorhexis with Zepto precision nano-pulse capsulotomy device in challenging cataract cases done at our centre. The Zepto handpiece device was inserted through 2.8 mm clear corneal incision. Results of our clinical experience of 50 cataract cases (intumescent, immature, mature and small pupil mature cataract) revealed that the precision pulse capsulotomy technology cleaves all 360° of the apposed capsule, creating CCC of 5.2 mm size.