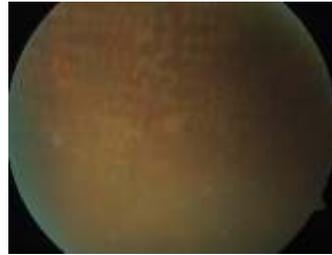


hazy fundus view due to cataract



Yellow laser burns where green laser was difficult due to significant cataract

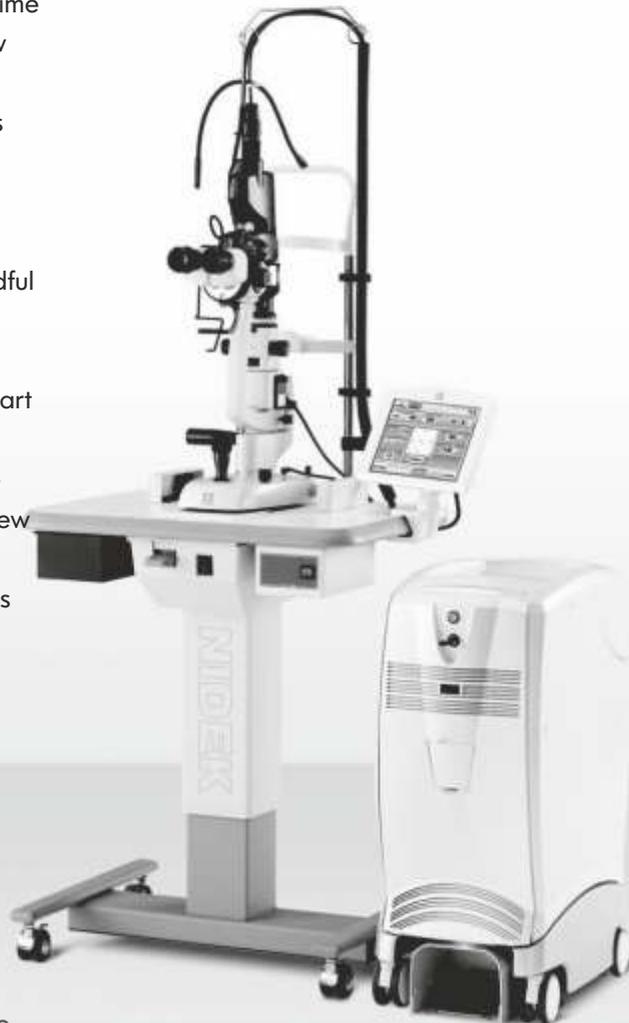
- Yellow Laser exhibits low light scattering in intraocular transit, hence the treatment is more accurate with superior transmission through media opacities like Significant Dense Cataract and Vitreous Haemorrhage. This property significantly benefits a large majority of patients with media opacities who requires pan-retinal photocoagulation.
- Yellow laser provides a more consistent effect in patients with light or irregular Fundus Pigmentation, as it is less dependent on Melanin present in RPE and more on Haemoglobin present in Choriocapillaris for photocoagulation effect, unlike the conventional Green Laser.
- Added to the advantages of the Yellow Laser, the multi-spot pattern laser delivery system further increases the precision, comfort to the patient and the speed of laser photo-coagulation procedures, besides allowing PRP in a single session even in patients with Significant Cataract and poor Fundus Pigmentation.

DESIGN & PHOTOGRAPHY - COPPERBELL MEDIA

Launching the new **577 nm** wavelength **YELLOW LASER** in a **MULTI SPOT PATTERN LASER DELIVERY SYSTEM** and with **MICRO PULSE TECHNOLOGY** for tissue sparing photocoagulation for the treatment of retinal diseases.

Adding to our unrelenting efforts to be the best in Retinal Care and Eye Care specialty, we introduce to you, for the first time in Andhra Pradesh, the Yellow Laser, for the treatment in multitude of macular diseases like diabetic macular edema, CSCR and ARMD.

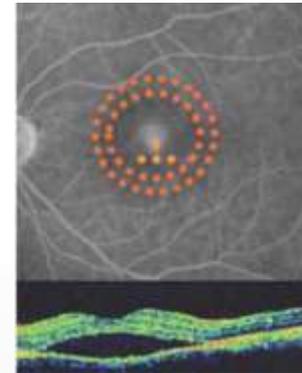
This makes us one of the handful of Eye hospitals across the country to possess such remarkable and state-of-the-art equipment, thus propelling us into a whole new league. The Yellow Laser also heralds a new beginning in the area of Diabetic Retinopathy, as it has been proved to be extremely effective, besides being safer than the existing technology.



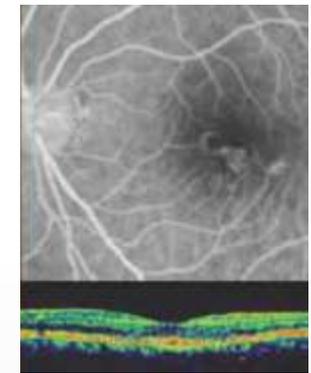
 MC-500 Vixi / MC-500

## Advantages with the Yellow Laser (577nm)

- Yellow wavelength shows negligible absorption by macular xanthophylls, the main pigment present in the macula, thus increasing safety margins for macular treatment as compared to the conventional Green Laser. 577 nm Yellow Laser is the safest wavelength for the treatment of any pathologies close to the Macula.
- The Yellow Laser (577 nm) is the ideal wavelength for Micro-pulse sub threshold laser treatment for diabetic macula edema, BRVO and CSR. With this mode, exposures as low as 10 milliseconds (In conventional lasers, 100 milliseconds is the lowest duration) are possible, hence enabling laser treatment with no visible endpoint or tissue damage.



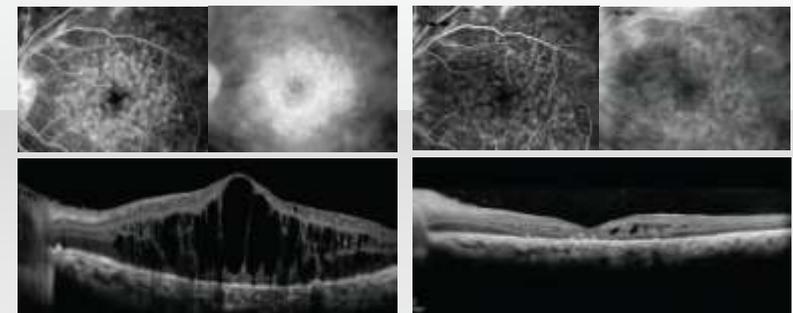
Pre MPLT (MICRO PULSE LASER TREATMENT)  
Visual acuity: 20/200



6 months post MPLT  
(MICRO PULSE LASER TREATMENT)  
Visual acuity: 20/32

## DME Refractive to 7 Injections of Bevacizumab

Female patient with difficult case of diffuse DME who received 7 monthly injections with no results.



After 7 monthly injections of  
bevacizumab with no results

6 months After  
MICRO PULSE LASER TREATMENT