# Novel Laser treatment for Age-related Macular Degeneration

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**Clinical Case**

74 year old female with laser treatment to LE followed over 24 months. After 24 months drusen area had decreased by 100%. Baseline volume within 3mm circle was 0.12mm³ and by 24 months was 0mm³. Note the ability to see the laser spots on the FAF at 24 months but not on the optical fundus image. Note the resolution of drusen is apparent on all imaging modalities. See figure 2.

**Baseline**

**24 Months**

![Image](image1)

**Discussion**

There is a lack of a specific intervention aimed at slowing the progression of the early stages of AMD towards the development of the vision threatening complications.

The results of a single application of the nanosecond laser to the macula seen in this study suggests the possibility that it may offer a novel strategy of intervention.

The nanosecond laser used in this study delivers a radiant exposure over 1000 times less than a conventional thermal macular laser.

The 2RT has been demonstrated as an alternative to conventional thermal photocoagulation for diabetic macular oedema.

We are currently recruiting for a large multicentre randomised controlled trial of nanosecond laser in intermediate AMD to further investigate this intervention.

**Bibliography**


This research was supported by the Victorian Science Agenda. CSIRA National Operational infrastructure Support from the Victorian Government.