

Chorioretinal Atrophy

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Introduction

We recently evaluated the P200°C, when it was installed in our Northampton private practice. Below is a case study which demonstrates the value of ultra-widefield, ultra-high resolution imaging for following patients with pathology in the far periphery. In this case, our patient had localized chorioretinal atrophy.

Patient History

The patient was a 55-year-old male Caucasian, who was an early presbyope with no previous unusual ocular history and normal general health.

Discussion

In the on-axis **optomap® plus** image, the border of a previously undetected pathology could be seen. By using the eye-steering capability of the P200°C to capture an image of the superior field, the giant chorioretinal atrophy could be seen in its entirety.

Patient was referred 'in-turn' for ophthalmological opinion.

Conclusion

While no treatment is indicated for our patient at this time, the capability of the P200°C to readily view the pathology in full is well demonstrated. With the P200°C eye-steering tool, tracking the progress of pathology in the far periphery becomes quick and easy.

With eye-steering, imaging to the ora serrata has been possible in some cases.



On axis **optomap® plus** view of the retina. In this view, an area of localized chorioretinal atrophy can be partially be seen.



Using the **optomap® plus** eye-steering mode, the total area of localized chorioretinal atrophy can be seen. The retina is intact but an area of white without pressure anterior to the lesion and drusen is noted.



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Optos plc is a leading and rapidly growing medical technology company for the design, development, manufacturing and marketing of devices that image the retina. The Company has gained regulatory clearance (CE and FDA 510(k)) to market its third device - P200°C. The P200°C is aimed at practices looking for advanced clinical capabilities. With a view up to 82% of the retina in a simultaneous, single image, Optos' technology provides an unequalled combination of wide-field retinal imaging, speed and convenience for both practitioner and patient.