



RESEARCH:
The key to stopping
sight loss caused by
macular disease

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What is age-related macular degeneration (AMD)?



Approximately
1 in 7 Australians over the
age of 50 have some evidence of AMD

'Wet' AMD

Wet AMD, also known as neovascular AMD, is the most aggressive form of age-related macular degeneration. It occurs when abnormal blood vessels grow into the retina. Fragile with leaky walls, they ooze fluid and blood. This leads to scarring and severe loss of central vision and becomes permanent if left untreated.

'Dry' AMD

Dry AMD is a slow, progressive form of age-related macular degeneration and is also known as Geographic Atrophy. When retinal pigment epithelial cells die, the retinal cells above them also die, leading to patches of missing retina and a gradual loss of central vision.

Our research record

Macular Disease Foundation Australia is now Australia's largest non-government source of funding for macular disease research. Our Research Program funds projects that aim to find ways to prevent macular disease, reduce its impact on families like Colin's, and one day find a cure.



Age-related macular degeneration (AMD) destroys central vision, leaving peripheral vision intact.



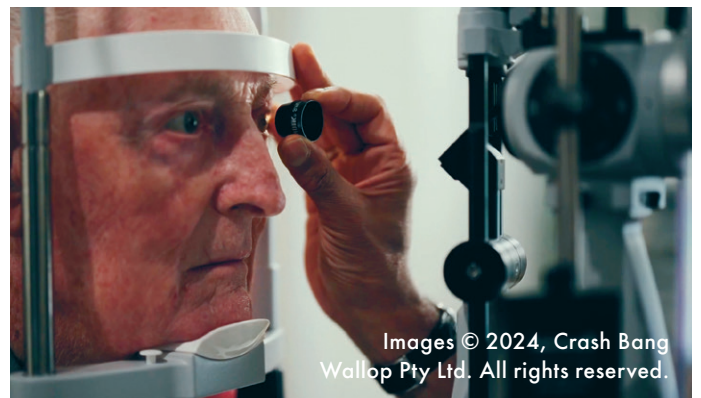
“Macular Disease Foundation understands the fundamental importance of investing in innovative and impactful research.”

– Professor Alice Pébay, MDFA funded researcher

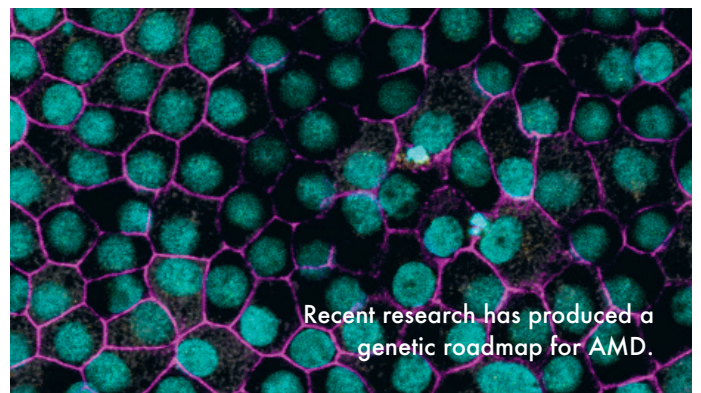
Promising findings

Professor Alice Pébay is conducting ongoing research into the causes of Geographic Atrophy, or dry AMD. Using stem cells, her team has already produced a genetic roadmap that could be a game changer for the discovery of new treatments for the disease.

These findings provide enormous hope for stopping sight loss for people like Colin, his daughters and their children.



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Recent research has produced a genetic roadmap for AMD.

Your gift today could help stop the loss tomorrow




You can help stop sight
loss, and restore hope

**Please support
groundbreaking
research today**

Contact us:

 mdfoundation.com.au

 1800 111 709

 Mezzanine

383 Kent Street
Sydney NSW 2000



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Foundation**
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