

Synthetic retina is looking good

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The inside, back surface of your eye is called the retina. If it gets damaged it can be fixed using a silicon implant. Silicon is rigid and flat, which can cause further damage.

An international team of researchers has come up with an implant made of molybdenum disulphide and graphene. The material is $1\mu\text{m}$ thick and curves with the retina, causing less damage, but it is more expensive.



Photograph of a human retina: Yong et al / [CC BY 2.0](https://creativecommons.org/licenses/by/2.0/)

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More work needs to be done to get the implant to match the detail of normal eyesight.

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1. What are the advantages and disadvantages of the new implant?
2. A lot of medical treatments use evidence from experiments on animals. How do you feel about animal experimentation? Why?
3. Find out what percentage of people in your class wear glasses.