

Researcher (s):	Prof Liam Grover (PI) Co-Researchers: Dr Richard Moakes, Prof Anthony Metcalfe, Dr Seeha Rauz, Dr Amit Patel, Prof Adrian Heagerty
Research Institution:	University of Birmingham
Project Title:	High-retention, lubricating eye drops to enhance quality of life in EB patients
Research Area:	Eye Care
Start Date: Mar 2023	End Date: Feb 2025
Funded by:	DEBRA Ireland and UK
Lay Summary	
None	
Project Abstract	
<p>One of the side-effects of many types of EB is damage on the surface of the eyes, caused by scraping of the eyelid over an already sensitive eye. This can result in pain, scarring and potentially blindness. The damage caused by this process is a vicious cycle - damage to the eye reduces lubrication, which makes the eye more prone to damage. At the moment, clinicians try to break the cycle by providing eye drops, which allow the eye lid to glide over the surface of the eye. The drops that are currently used tend to stay on the eye for short periods of time, meaning that they must be used over and over again throughout a day.</p> <p>In this project, we are trying to solve this problem by introducing a new eye drop that has been shown to stay on the surface of the eye for a much longer time. This will mean that patients need to apply their drops much less frequently. In the longer-term, these eye drop could be filled with molecules that can prevent scarring from occurring. We hope that this will provide patients with more freedom and a greater quality of life.</p>	
Blog post written about project for website	
*Not blog post but 'Value of Research' section from application	
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### Quotes we have from Researchers

None about this particular project, some above for oral spray project by same team

### Researcher (s) Bio

See oral spray project