

Sealant gel approved for eye surgery

10 January 2014

(HealthDay)—A sealant gel to prevent fluid leakage after cataract surgery has been approved by the U.S. Food and Drug Administration.

While gels such as ReSure have been approved to seal small incisions in other parts of the body, this is the first such approval for the eye, the agency said in a news release.

A cataract is a gradual clouding of the eye's lens. By age 80, more than half of Americans have either an active cataract or have had [cataract surgery](#), the U.S. National Institutes of Health estimates.

The ReSure Sealant kit includes two liquid solutions that are mixed together just before use. The product is designed to seal an eye incision within 20 seconds of application, the FDA said. The gel then breaks down over seven days and is naturally flushed away by the eye's tears.

No serious [adverse reactions](#) to the gel were reported, the FDA said.

Before this approval, stitches were the only option for closing a leaking corneal [incision](#) after cataract surgery, the agency said. The product was evaluated in a clinical study of 471 adults.

The ReSure sealant is produced by Ocular Therapeutix, based in Bedford, Mass.

More information: The U.S. National Library of Medicine has more about [cataracts](#).

[Health News](#) Copyright © 2014 [HealthDay](#). All rights reserved.

APA citation: Sealant gel approved for eye surgery (2014, January 10) retrieved 19 June 2021 from <https://medicalxpress.com/news/2014-01-sealant-gel-eye-surgery.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.