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# eyeConnect© Telehealth System

Initiative Type

Technology

Status

Deliver

Added

31 January 2018

Last updated

24 May 2019

URL

<http://staging.clinicalexcelsence.qld.gov.au/improvement-exchange/eyeconnect>

## Summary

eyeConnect is a telehealth eye assessment system developed for use by regional emergency department staff. In emergency medicine, most of the problems occur at the front of the eye or anterior segment, requiring a higher level of urgency because of the acute nature of the issues. EyeConnect captures, stores and transmits ophthalmic images and other diagnostic information from a regional centre to ophthalmologists at any site for assessment. The specialist can view the patient

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information using a web browser, or via the eyeConnect telehealth application, and communicate patient instructions/assessment back to the clinicians at the patient site.

## Key dates

Sep 2017

Sep 2019

## Implementation sites

Mackay and Emerald

## Partnerships

Healthcare Improvement Unit

## Key Contacts

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1024

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## Aim

Provides an opportunity to pilot and evaluate new technologies within 'real world' clinical settings in the Queensland context.

## Benefits

The potential benefits of this technology includes:

- eyeConnect will provide ophthalmologists with ophthalmic images and other data for improved initial assessment.
- eyeConnect will improve referral management for further specialist assessment at major metropolitan centres.
- eyeConnect is anticipated to be easy to learn and use for emergency department personnel.
- eyeConnect will provide clear and rapid assessment by ophthalmologists to regional emergency staff.
- eyeConnect will standardise the approach to regional eye patient injuries and collection of data.
- eyeConnect should be easily tolerated and comfortable for the patient.

## Background

This technology was funded through the New Technology Funding and Evaluation Program (NTFEP). The NTFEP funds the introduction and evaluation of new technologies that:

- Are safe and effective
- Provide better health outcomes
- Provide value for money
- Provide greater access to care.

The evaluation findings will inform recommendations regarding the future use and/or investment of the technology within Queensland.

## Evaluation and Results

Key findings will be published at the end of the evaluation period.

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## Resources

[Technology evaluation summary](#)

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