
Vesticam assisting in diagnosis of the dizzy patients

Initiative Type

Service Improvement

Status

Deliver

Added

09 February 2020

Last updated

07 June 2022

URL

<https://cnxp3cuvtvrn68yjaibaht5ywrxspj7m.clinicalexcellence.qld.gov.au/improvement-exchange/vesticam-assisting-diagnosis-dizzy-patients>

Summary

Vesticam goggles have been purchased to assist Doctors and physiotherapists in correctly identifying nystagmus in dizzy patients, improving the confidence and accuracy of diagnosis of dizzy patients. The ability to remove fixation and replay assessment of ocular movements has greatly improved the confidence and accuracy in determining peripheral versus central causes of vertigo.

Key dates

Jul 2018

Sep 2019

Implementation sites

The Princess Alexandra Hospital

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Aim

Improve the accuracy of assessment of dizzy patients presenting to the Emergency Department, in doing so we have been able to prevent unnecessary imaging and admissions.

Benefits

Already we have had patients that we have been able to correctly identify with nystagmus that would not have been seen without use of the vesticam goggles. This has further improved HINTS exam (Head Impulse, Nystagmus, and Test of Skew,) reducing the need for imaging of brain and cavum septum pellucidum (csp) for some dizzy patients.

Background

Emergency Department staff can correctly identify nystagmus that would not have been seen without use of the vesticam goggles. The ability to remove fixation and replay assessment of ocular movements has greatly improved the confidence and accuracy in determining peripheral versus central causes of vertigo.

Solutions Implemented

Vesticam goggles are now available for use in assessment of dizzy patients for doctors and physiotherapist in the Emergency Department at the Princess Alexandra Hospital.

Lessons Learnt

Technology has been able to assist improving sensitivity of a clinical exam.

References

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