



Service Priorities and Programmes
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Collaboration with Eye Bank- A CQI Project to Enhance Eye Donation in NTWC AEDs

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Introduction

Eye tissue transplantation is known to extend functional life, improve quality of life and has been demonstrated to be cost effective. According to the Hong Kong Hospital Authority (2016), the data shown that there was a decreasing trend of eye tissue donation. In 2014, the number of eye donation in 337 while there was 276 eye donations in 2016. The referral rate was as low as 3% in the past three years in NTWC AEDs. Emergency departments have long been considered a potential source of eye and tissue donors. Hence, our team aimed at increasing the referrals by 50% within half year.

Objectives

(1)To increase the health care professionals' knowledge on eye donation (2)To increase the eye donation referrals

Methodology

Continuous Quality Improvement (CQI) program, which FADE cycle strategy (i.e. "Focus", "Analyze", "Develop" and "Execute") was adopted to help implementing the simplified eye donation workflow in two AEDs in the New Territories West Cluster (NTWC), i.e. Tuen Mun Hospital (TMH) and Pok Oi Hospital (POH). Outcome measures were categorized as (1) A Pre-training test vs. Post-training test was adopted to assess the health care professionals' knowledge change. Retrospective eye donation referral data was collected from Eye coordinators for comparison of referral rate.

Result

The health care professionals' knowledge on eye donation was improved and the eye donation referral procedure was updated and simplified. As a result, the eye donation referral rate was increased to 28.6% which was 10 times increased. Besides, the eye

donation referral number was 8 times increased while compared to equal period. In conclusion, as an emergency nurse, our small footsteps help the initiation of tissue donation in the frontline clinical setting. In the future, we hope the project will be undergone in all AEDs under Hospital Authority. Our vision is to promote a tissue donation friendly culture in all emergency departments in Hong Kong.