



**Service Priorities and Programmes**  
**Electronic Presentations**

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**Global Positioning System Safe Return pilot project of Rotary Care Bracelet for wandering behavior of demented persons**

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**Introduction**

Dementia bracelet is a common compensatory strategy for wanderer of Major Neurocognitive Disorder (NCD) and is adopted by Occupational Therapists (OT) for untraceable starting year. It provides emergency-contact information to save wanderer by contacting his caregiver. Wandering is one of typical Behavioral and psychological symptoms of Dementia (BPSD) as 60% and BPSD is common among Major NCD as over 50%. About 70% wanderers repeat wandering. The mortality is from 1 to 3%. Around 50% wanderers who were getting-loss over 24 hours resulted in serious injury or death. Upgrading to a free high-quality bracelet with non-allergy metal and clear computerized engraving words, OT of Kwai Chung Hospital has collaborated with Rotary Club of Bayview Sunshine Hong Kong to develop a territory-wide project of Rotary Care Bracelet for wanderers since 2011. Up to now, over 5700 clients receive the free of charge service.

**Objectives**

(1) To evaluate the referrers' and potential referrers' satisfaction of the Rotary Care Bracelet service; (2) To review the demand of the Dementia bracelet

**Methodology**

OT in Non-Government Organizations who made Rotary Care Bracelet referrals within September 2016 and November 2016 and all OT in Hospital Authority were invited to complete a questionnaire. Invitation and questionnaires were sent to all OT in Hospital Authority by e-mail. Invitation letters and questionnaires were to OT in NGO by mail. All completed questionnaires were collected by fax.

**Result**

Total 180 completed questionnaires were received. Two incomplete questionnaires

were found from untraceable sender or losing pages. All participants were satisfied with our service and 66% of them rated the highest satisfaction score. Over 90% of them agreed the application process by fax and delivery service by mail was good. 87% of them satisfied with the waiting-time. Over 70% of referrers were satisfied with the design of the bracelets. 41% of referrers received incident reports of successful tracing through the bracelets. High demand of service was shown as agreed by 98% of participants. 29% of referrers were frequent users with applications from 1 to 3 times per month. 98% of them would make application again. 77% of non-referrers agreed that they should introduce the service to their clients. 74% and 35% of them would still apply for the bracelet if they have to pay \$40 and \$60 respectively. The survey indicated the Rotary Care Bracelet Project was very useful and helpful to the NCD clients and well accepted by therapists and the caregivers and should be continued even if it is charged. In next phase of project development, the bracelet with Global Positioning System will be explored.