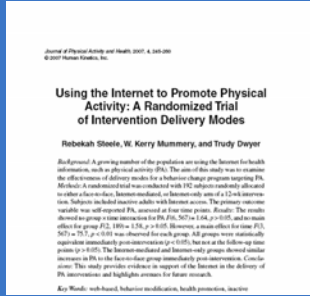




## Health Behaviour Change using the Internet...



Journal of Physical Activity and Health 2007, 4, 193-200  
© 2007 Human Kinetics, Inc.

### Using the Internet to Promote Physical Activity: A Randomized Trial of Intervention Delivery Modes

Rebekah Steele, W. Kerry Mummary, and Trudy Dwyer

**Background:** A growing number of the population are using the Internet for health information, such as physical activity (PA). The aim of this study was to compare the effectiveness of delivery modes for a behavior-change program targeting PA. Methods: A randomized trial was conducted with 102 urban, middle-aged, sedentary, middle-income adults, between moderate- and low-intensity arms of a 12-wk intervention. Subjects included inactive adults with Internet access. The primary outcome variable was self-reported PA, assessed at four time points. Results: The results showed no group × time interaction for PA. PA, 50% at 1 wk,  $p < 0.05$ , and no main effect for group ( $F(2, 180) = 1.38, p = 0.05$ ). However, a main effect for time ( $F(3, 507) = 7.7, p < 0.01$ ) was observed for each group. All groups were statistically equivalent immediately post-intervention ( $p > 0.05$ ). Net use at the follow-up time points ( $p < 0.05$ ). The Internet-mediated and face-to-face groups showed similar increases in PA to the face-to-face group immediately post-intervention. Conclusion: This study provides evidence in support of the Internet in the delivery of PA interventions and highlights areas for future research.

**Key Words:** web-based, behavior modification, health promotion, inactive

## Self-management Approach to Behavioural Skill Development

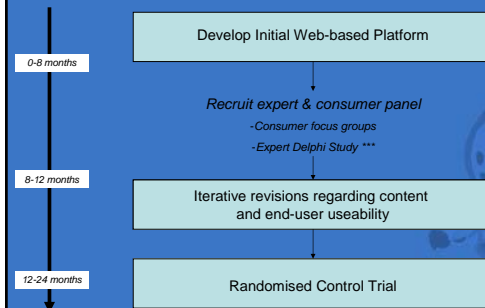


## Outpatient Cardiac Rehabilitation Program: eOCR



- Web-based delivery of recommended cardiac rehab phase II program content
- Electronic case manager functionality
- Behavioural change modules (physical activity)

## Project Timeline/Approach



## Initial Platform Development



## My Topics (content delivery)



