# Development of smart mobile phone application to monitor progress and wellness for Chronic Obstructive Pulmonary Disease patients

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## ABSTRACT

A bespoke application (app), 'KeepWell', tuned to COPD self-management has been developed. The app facilitates goal setting, progress monitoring and personal reporting; features were informed by n=4 clinicians. Eight other clinicians tested usability by undertaking a list of interaction tasks and completing a usability questionnaire. Qualitative comments or problems experienced during the completion of each task were noted. Overall the participants reported high levels of usability. Features that scored consistently well were setting goals, self-reporting and viewing progress. Suggested changes were: setting and editing reminders and ensuring the manual information was consistent with the operation of the KeepWell app.

**Full papers will be published in the Conference Proceedings and will be freely available to delegates at the conference and online on September 20, 2016.**