

**Title:** The PROMPT-Care eHealth system to support patient-centred care: The long road to transition to business as usual

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**Background:** Routine assessment and clinical utilisation of patient-reported outcome (PRO) measures can lead to improved patient wellbeing and survival outcomes. However, widespread collection and integration into clinical practice remains a challenge. PROMPT-Care is a newly developed eHealth system which facilitates systematic real-time patient reported outcomes (PRO) collection and review by cancer care teams, and empowers patients by providing self-management tools and resources tailored to their needs.

**Methods:** PROMPT-Care was developed with clinical (n=38) and technical (n=23) input: a) patient reported outcomes were selected, b) algorithms to inform intervention were determined, c) clinician PRO feedback reports were designed, d) patient self-management resources were collated, e) IT system to transfer PRO data in real-time into the hospital-based oncology information system was developed, and g) PROMPT-Care system feasibility and acceptability assessments were undertaken.

**Results:** We demonstrated feasibility and acceptability of the eHealth system in a pilot test (Phase 1), and are now in the final stages of an implementation trial (Phase 2) across four cancer centres. To date, 440 patients have completed over 2650 PROMPT-Care assessments. Evaluation will inform the system impact on health service utilisation and utility as an alternative model of ongoing supportive care. Given the high level of acceptability within participating sites, we are currently working with the cancer centres to implement as business as usual (Phase 3).

**Discussion:** This research investigates implementation of evidence into real world clinical practice. Benefits and challenges identified in Phase 2 will inform Phase 3 implementation as 'business as usual'.