

Trial Library – a single arm feasibility pilot study to examine the efficacy for a clinical trial online matching website on patient-prompted conversations regarding prostate cancer clinical trials

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Background: The ability of clinical trials to effectively translate into therapeutic interventions for the general population can be limited by a lack of representative participants in these trials. There is an acute need to develop informational resources regarding prostate cancer clinical trials that meet the linguistic and literary needs of underrepresented and vulnerable populations. Current practices utilize a one-size fits all approach that may be inaccessible to a diverse audience. Given the increased utilization of online resources for health information among a diverse patient population and across age groups, we developed a website, called *Trial Library*, which may serve as a prostate cancer clinical trial matching tool. We hypothesize that use of the internet-based clinical trial matching tool in clinic will increase the number of patient-initiated conversations with physicians about clinical trial options, and by extension, improve enrollment to therapeutic cancer clinical trials among a diverse participant pool.

Methods: This is a non-randomized single arm feasibility pilot study. The study will be performed in genitourinary medical oncology clinic at UCSF Helen Diller Family Comprehensive Cancer Center. We will measure the feasibility and acceptability of a clinical trial matching tool which includes two unique features: user validated clinical trial content and navigation schema. We will measure preliminary estimates of efficacy of the online clinical trial matching tool in triggering patient-promoted conversations regarding clinical trials, and ultimately clinical trial enrollment.

Results and Conclusions: *Trial Library* is designed to be an accessible informational resource for patients from diverse levels of health literacy and English proficiency. This pilot study will provide important preliminary results to inform the design of the website and subsequent testing outside of clinic. Additionally, this website will ultimately serve as a model for clinical trial information that can be translated across tumor types.

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