DGIM Project Summary

Name of Project: Patient Attitudes on Computer-Assisted Preventative Health Care in Acute and Primary Care Clinics

Investigator(s). (Include phone numbers and email address, indicate PI and primary contact)

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Research question(s):
1) How strongly do women of reproductive age endorse the concept of computer-assisted preventative health care in acute and primary care settings?
   Hypothesis 1) The majority of women of reproductive age will strongly endorse receiving computer-assisted Chlamydia screening and oral contraceptive counseling and prescriptions
2) What factors modify the strength of a woman's endorsement of computer-assisted healthcare?
   Hypothesis 2) A woman's strength of endorsement of computer-assisted health care will be independently associated with her age, race, ethnicity, language and her Internet Connectedness Index (ICI).

Brief Background/Significance:
An emerging area of health information technology is in the use of computer kiosks to help expedite a variety of delivery system activities. Although less than 10% of health delivery organizations have implemented computer kiosks, early adopters have documented a high level of success for activities such as patient check-in, triage, and payment (1). There is also a growing number of computer kiosk modules that help in screening, counseling, and treatment in primary care. Recent studies on the use of audiovisual touch-screen kiosks at the UCSF ED in the management of urinary tract infections have shown a tremendous increase in efficiency of clinical care delivery and patient satisfaction. By providing examples of two specific computer-assisted health care programs (Chlamydia screening and Oral Contraceptive Management), this study will measure how strongly patients endorse this technology in both acute care and primary care, define the population's tech savvy-ness through the Internet Connectedness Index , and delineate whether ICI and other socio-demographic factors correlate with endorsement.

Inclusion/exclusion criteria (list):
- Female
- Age 18-45
- Language: English or Spanish
- no cognitive impairments