CDUHR FACT SHEET

Technology in HIV Prevention

The number of people infected with HIV each year has declined, however, new diagnoses among certain groups have remained stable or increased.¹ While public health agencies such as the Centers for Disease Control and Prevention recommend that people at risk for HIV should be tested at least yearly, the number of people testing for HIV may have declined in recent years.²

CDUHR-affiliated investigator Ian David Aronson has developed and tested interventions to increase HIV testing among patients who originally declined a test in busy emergency department (ED) settings, using tablet computers to screen patients for sexual and substance use risks. The interventions also provide education in an effort to motivate patients to test. A related study piloted an extended tablet-based intervention to include followup text messages to increase preventative behaviors among high-risk patients who test HIV negative.





FIND MORE INFORMATION ABOUT DR. ARONSON'S STUDIES:

Aronson ID, Cleland CM, Perlman DC, Rajan S, Sun WW, Bania TC (In Press) Feasibility of a computer-based intervention addressing barriers to HIV testing among young patients who decline tests at triage. Journal of Health Communication.

Aronson ID, Cleland CM, Perlman DC, Rajan S, Sun W, Ferraris C, Mayer J, Ferris DC, & Bania TC (2016) Mobile screening to identify and follow-up with high risk, HIV negative youth. Journal of Mobile Technology in Medicine, 5, 9-18.

Aronson ID, Marsch LA, Rajan S, Koken J, & Bania TC (2015) Computer-based video to increase HIV testing among emergency department patients who decline. AIDS and Behavior, 19, 516-522

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- Centers for Disease Control and Prevention (2016) Trends in U.S. HIV Diagnoses, 2005-2014. Fact Sheet: https://www.cdc.gov/nchhstp/newsroom/ docs/factsheets/hiv-data-trends-fact-sheet-508.pdf
- Centers for Disease Control and Prevention (2016) CDC-Funded HIV Testing: United, States, Puerto Rico and the U.S. Virgin Islands, 2014. http://www. cdc.gov/hiv/pdf/library/reports/cdc-hiv-fundedtesting-us-puerto-rico-2014.pdf.

