

**Ending the Epidemic Task Force
Committee Recommendation
CR10**

**Recommendation Title: Innovative, Digital/Electronic Care Coordination Models
That Improve Rates of Adherence**

1. For which goal outlined in the Governor's plan to end the epidemic in New York State does this recommendation apply? 1 and 2

2. Proposed Recommendation:

Technology-focused

- Telemedicine projects for both urban and rural areas
- Use of text messaging and Health Insurance Portability and Accountability Act (HIPAA) compliant mobile applications for medication and appointment reminders
- Patient portals through electronic health records or other innovations
- Provider's innovation funding
 - To encourage development of innovative electronic strategies
 - Cites, as an example, a clinical trial in progress using a mobile device-based personal health record provided to patients
 - For an RFP to assess the relative costs of electronic strategies for patient engagement, reengagement and retention vs. standard outreach activities

Identify funding for electronic health record enhancements including patient portals that allow patients to schedule and track appointments, review laboratory results and receive appointment reminders.

Identify funding for technology resources to implement telemedicine in both rural and urban areas to enhance access to and continuity of care statewide.

Advance the use of telemedicine, text messaging, and social media based interventions statewide. This recommendation is especially relevant to rural and suburban communities to provide linkages to improve retention in care and re-engage people in care who have fallen out of care. Other electronic activities (e.g. text messaging, patient portals and other innovations) will deliver health information, reminders for medical visits and medication reminders.

List of key individuals, stakeholders, or populations who would benefit from this recommendation

- Patients will have improved outcomes and improved quality of life
- HIV-negative sexual contacts



- Providers who will have the necessary assistance to encourage adherence to appointments and medication use
- Patients in rural areas

List of measures that would assist in monitoring impact

- Define denominator (e.g. number of HIV-positive patients by site or care or program)
- Baseline and 12 month interval reports of: number (%) of patients with at least two HIV medical care visits in 12 months, at least three months apart
- Number (%) patients on antiretroviral (ARV) therapy
- Number (%) patients virally suppressed

Footnotes or references

Rural telemedicine: Southern AIDS Coalition “Access to Care: Telemedicine” Project, Birmingham, AL. <http://southernaidscoalition.org/telemedicine-feature-video>

Urban: University of California San Francisco

http://www.ucsfhealth.org/programs/urban_hiv_telemedicine_program/

iPod personal health record: Luque AE et al. "Bridging the digital divide in HIV care: a pilot study of an iPod personal health record." Journal of the International Association of Providers of AIDS Care. 2013 12(2):117-21. Epub 2012 Sep 10.

Addressing HIV Treatment Disparities Using a Self-Management Program and Interactive Personal Health Record, Patient-Centered Outcomes Research Institute (PCORI):

<http://www.pcori.org/research-results/2013/addressing-hiv-treatment-disparities-using-self-management-program-and>

Teixeira PA et al. HIV patients’ willingness to share personal health information

electronically. Patient Education and Counseling, 2011 Aug; 84(2):e9-12. Epub 2010 Aug 17

Gordon P et al. Processes and outcomes of developing a continuity of care document for use

as a personal health record by people living with HIV/AIDS in New York City. International

Journal of Medical Informatics 10.1016/j.ijmedinf.2012.06.004

- 3. Would implementation of this recommendation be permitted under current laws or would a statutory change be required?** Permitted under current law.
- 4. Is this recommendation something that could feasibly be implemented in the short-term (within the next year) or long-term (within the next three to six years)?** Within the next year.
- 5. Please list the TF numbers of the original recommendations that contributed to this current version:** TF45, TF86, TF184, TF213.

