Title: Recommendations for HIV Prevention with Adults and Adolescents with HIV in the United States, 2014

Subject of Planned Report: This document summarizes and describes a broad range of behavioral and biomedical interventions that reduce behaviors that allow HIV transmission and the infectiousness of adults and adolescents with HIV, including many effective interventions that have been underused. The recommendations relate to the social, ethical, legal, and programmatic context of HIV prevention; linkage and retention in care; initiation of antiretroviral treatment (ART); long-term adherence to ART; risk screening and risk-reduction interventions; services for the sex and drug-injection partners of persons with HIV; STD services; reproductive health; pregnancy-related care; provision of other medical and social services that promote safe behaviors and long-term ART adherence; and quality and program improvement. These recommendations consolidate: existing federal government recommendations about these topics; new evidence that supports these previous recommendations; and entirely new recommendations with their supporting rationale. These recommendations update and expand on a smaller set of federal government recommendations about HIV prevention with persons with HIV that were published in 2003: Recommendations for Incorporating HIV Prevention into the Medical Care of Persons Living with HIV issued by Centers for Disease Control and Prevention (CDC), the Health Resources and Services Administration (HRSA), the National Institutes of Health (NIH), and the HIV Medicine Association (HIVMA) of the Infectious Diseases Society of America. The audience for these updated recommendations has expanded to include providers who serve persons with HIV in health care settings and community-based organizations; HIV/AIDS program staff in health departments; specialists in HIV/AIDS policies for public and private sector health systems and community-based programs; and specialists in HIV service coverage, funding, and reimbursement.

Purpose of Planned Report: The purpose of updating these recommendations is to:

- Emphasize the importance of the broad range of effective interventions for HIV-infected persons that can reduce infectiousness and HIV exposure and thereby prevent ongoing HIV transmission to others.
- Expand and update the 2003 recommendations on this topic with new supporting evidence and new interventions.
- Emphasize evidence-based practices; and provide guidance to clinicians in clinical and non-clinical settings. (Clinicians are defined broadly to include physicians, physician assistants, nurse practitioners, nurses, social workers, health educators).
- Support efforts of the National HIV/AIDS Strategy and strategic HIV prevention, care, and research priorities of CDC, HRSA and NIH.

This comprehensive set of established and new strategies for prevention with persons with HIV is intended to guide prevention activities at the individual and population levels, to provide a blueprint for synergistic collaboration among providers and organizations working in clinical and non-clinical settings, and to galvanize the resources and support needed to scale up and sustain this high-impact prevention strategy approach in the United States.
Type of Dissemination: Highly Influential Scientific Assessments (HISA)

Timing of Review (including deferrals): September-October 2013

Type of Review (panel, individual or alternative procedure): Individual

Opportunities for the Public to Comment (how and when): Subject-matter experts on HIV prevention and care were invited to participate in a 2-day consultation which took place in April 28-29, 2011. CDC and HRSA solicited input on the proposed scope and audience for the recommendations and the development methods from several co-sponsor organizations: the National Institutes of Health (NIH), including the National Institute of Allergy and Infectious Diseases (NIAID), the National Institute of Mental Health (NIMH), the HIV Medicine Association of the Infectious Disease Society of America (HIVMA), the American Academy of HIV Medicine (AAHIVM), the National Association of People with AIDS (NAPWA), the National Minority AIDS Council (NMAC), and the Urban Coalition for HIV/AIDS Prevention Services (UCHAPS). The following is a list of community and other nonclinical organizations including organizations of people with HIV, that provided comments at the consultation: Philadelphia Department of Public Health, Philadelphia, Pennsylvania; Chicago Department of Public Health, Chicago, Illinois; Georgia Department of Community Health, Atlanta, Georgia; Mountain-Plains AIDS Education and Training, Denver, Colorado; Maryland Department of Health and Mental Hygiene, Baltimore, Maryland; District of Columbia Department of Health, Washington, DC; National Black Leadership Commission on AIDS, New York, New York; Gay Men’s Health and Wellness Clinic, Washington, DC; Center for HIV Prevention, Baltimore, Maryland; City of Houston Department of Health and Human Services, Houston, Texas; AIDS Foundation of Chicago, Chicago, Illinois; National Association of County and City Health Officials, Washington, DC; National Coalition for LGBT Health, Washington, DC; Substance Abuse and Mental Health Services Administration, Rockville, Maryland; AIDS United, Washington, DC; Positive Health Program, San Francisco, California; Callen-Lorde Community Health Center, New York, New York; American Psychological Association, Washington, DC; Center for HIV Law and Policy, New York, New York; National Association of Social Workers, Providence, Rhode Island; The AIDS Institute, Washington, DC; Los Angeles County Department of Public Health, Los Angeles, California; San Francisco AIDS Foundation, San Francisco, California; AID Atlanta, Inc., Atlanta, Georgia; Treatment Action Group, New York, New York; National Association of State and Territorial AIDS Directors, Washington, DC; AIDS Alliance for Children, Youth, and Families, Washington, DC; Puerto Rico Department of Health, San Juan, Puerto Rico. Additional comments were provided in March 2013 by 5 ad hoc subject matter experts in HIV medical care and HIV prevention practices in community and health department settings. Comments from participants at the annual United States Conference on AIDS (USCA), Chicago, IL November 10, 2011 were also incorporated; conference participants largely represent community-based organizations and health departments that provide HIV prevention services. Comments about the draft recommendations from community-based organizations and health departments provided during a one-hour listening session at the annual USCA New Orleans, LA September 10, 2013 have also been considered.

Peer Reviewers Provided with Public Comments before the Review: Comments from members of the public, including persons with HIV, who participated in the 2011 consultation and the 2011 USCA Conference have been incorporated into the draft that will be presented to peer reviewers. Any additional public comments from the September 10, 2013 listening session have also been made available to peer reviewers.
Anticipated Number of Reviewers: 6

Primary Disciplines or Expertise: infectious diseases and immunology; pediatrics; sexual and reproductive medicine; clinical research; preventive medicine; behavioral and mental health and related research; health care access, utilization, and delivery; HIV and STD treatment and adherence; HIV risk reduction interventions; HIV program planning; legal, policy and ethical issues related to HIV/AIDS prevention and care; quality improvement; program monitoring and evaluation; cost-effectiveness analyses; training of health professionals.

Reviewers Selected by (agency or designated outside organization): Centers for Disease Control and Prevention (CDC)

Public Nominations Requested for Reviewers: No

Charge to Peer Reviewers: The document that you will review is a draft of the guidelines document entitled “Recommendations for HIV Prevention with Adults and Adolescents with HIV in the United States, 2014.” The final recommendations will be posted on the website of the Division of HIV/AIDS Prevention, Centers for Disease Control and Prevention:
http://www.cdc.gov/hiv/prevention/programs/pwp/

We request your expert opinion on several issues, in particular whether:

- The Methods Section (section 3) clearly explains that some recommendations simply restate existing federal government guidance and some new recommendations are based on various sources of evidence, including expert opinion, that are described in the draft.
- Methods for developing the recommendations are appropriate for this set of topics.
- The rationale for not grading the quality of evidence or strength of new recommendations is clear and appropriate given the broad scope of topics and reliance on existing federal recommendations, some of which did not grade the quality of underlying evidence or recommendation strength.
- Evidence that supports new recommendations is complete, clear, appropriately collected and interpreted, and notes relevant limitations. (e.g., findings of any key studies are not missing, misinterpreted or improperly cited).
- Recommendations are justified and appropriate.
- Recommendations that restate existing federal guidance are accurate and complete given the scope of a given document section.
- Descriptions of the benefits and limitations of the recommendations are appropriate and clear.
- Each section clarifies how recommendations in this draft differ from past recommendations and/or are consistent with existing federal guidance on the same topic.
- The audience for each recommendation is clear and appropriate.

At a later time, CDC will publicly post any comments you make (without attribution) in response to your comments on this page (http://www.cdc.gov/hiv/policies/planning.html).

Peer reviewers:

1. Walensky, Rochelle MD, MPH; rwalensky@partners.org
   Academic and Professional Credentials: MD, MPH
   Current Position Title: Associate Professor of Medicine at Harvard Medical School, and a practicing Infectious Disease physician at Brigham and Women’s and Massachusetts General Hospitals, Boston, MA.
Organizational Affiliation(s): Harvard Medical School and Brigham and Women’s and Massachusetts General Hospitals, Boston, MA.
Areas of Expertise, Discipline, Relevant Experiences: Expertise in the promotion of routine HIV counseling, testing and referral and the economic evaluation of alternative HIV testing and treatment policies, evaluation of alternative treatment strategies for patients with primary HIV infection, clinical and cost-effectiveness of HIV vaccines of varying efficacies, and the value of primary genotypic resistance testing.

2. del Rio, Carlos MD; cdelrio@emory.edu
Academic and Professional Credentials: MD
Current Position Title: Hubert Professor and Chair of the Department of Global Health at the Rollins School of Public Health and Professor of Medicine in the Division of Infectious Diseases at Emory University School of Medicine. Program Director of the Emory AIDS International Training and Research Program and co-Director of the Emory Center for AIDS Research (CFAR), Atlanta GA.
Organizational Affiliation(s): Emory University School of Medicine, Emory University Rollins School of Public Health, Emory Center for AIDS Research (CFAR), Atlanta GA.
Areas of Expertise, Discipline, Relevant Experiences: Expertise in access to care and barriers to care among HIV-infected persons in the United States and healthcare resource utilization by HIV-infected patients, epidemiologic research on opportunistic infections and HIV/AIDS-associated risk behaviors as well as adherence and the impact of therapy on behavior, interest in spectrum and impact of AIDS in developing countries and issues related to access to care in resource poor settings.

3. Kalichman, Seth C. PhD; SETH.K@uconn.edu
Academic and Professional Credentials: PhD
Current Position Title: Professor Psychology, University of Connecticut, Storrs CT.
Organizational Affiliation(s): University of Connecticut, Storrs CT; National Institutes of Health Study Section on Behavioral and Social Consequences of HIV/AIDS.
Areas of Expertise, Discipline, Relevant Experiences: Expertise in public health psychology, health promotion and disease prevention, HIV-AIDS behavioral research (e.g., treatment adherence, brief risk reduction counseling), and alcohol and substance use risks, work in domestic and international efforts, particularly resource poor settings.

4. Baker A Cornelius; acorneliusbaker@nbgmac.org
Academic and Professional Credentials: NA
Current Position Title: Senior Communications Advisor, Academy for Educational Development and National Policy Advisor, National Black Gay Men’s Advocacy Coalition (NBGMAC), an initiative committed to improving the health and well-being of Black Gay Men through advocacy that is focused on research, policy, education and training, Washington, DC.
Organizational Affiliation(s): National Black Gay Men’s Advocacy Coalition (NBGMAC), Washington, DC.
Areas of Expertise, Discipline, Relevant Experiences: Expertise in work with organizations providing prevention, treatment, research and social services to people living with HIV; federal government work experience such as appointments at the U.S. Department of Health and Human Services under President George H.W. Bush and as an aide to Washington, DC City Councilmember Carol Schwartz.

5. Thrun, Mark W. MD; mark.thrun@dhha.org
Academic and Professional Credentials: MD
Current Position Title: Medical director of the Denver Behavioral Prevention Training Center, and director of HIV Prevention and STD Control for Denver Public Health; Assistant Professor of Medicine at the University of Colorado Health Sciences Center, Denver CO.
Organizational Affiliation(s): University of Colorado Health Sciences Center, Denver Behavioral Prevention Training Center, HIV Prevention and STD Control for Denver Public Health, National Network of STD/HIV Prevention Training Centers.
Areas of Expertise, Discipline, Relevant Experiences: Expertise in infectious diseases, early HIV infection, the immunology of HIV, and the prevention and diagnosis of HIV infection; community planning for HIV services and policy development; developed a prevention curriculum for HIV care providers designed to increase the frequency and efficacy of their risk-reduction discussion with patients.

6. **Marrazzo, Jeanne M.** MD, MPH; jmm2@uw.edu
   
   Academic and Professional Credentials: MD, MPH
   Current Position Title: Professor of medicine, Division of Infectious Diseases at the University of Washington in Seattle, and Medical director of the Seattle STD/HIV Prevention and Training Center; CDC/HRSA Advisory Committee on HIV and STD Prevention and Treatment (CHAC).
   Organizational Affiliation(s): University of Washington in Seattle, Seattle STD/HIV Prevention and Training Center, CDC/HRSA Advisory Committee on HIV and STD Prevention and Treatment (CHAC).

Areas of Expertise, Discipline, Relevant Experiences: Expertise in pre-exposure prophylaxis (PrEP) for prevention of HIV acquisition in African women; application of molecular approaches to clarifying the etiology and epidemiology of sexually transmitted diseases (STD)-related syndromes; molecular epidemiology of vaginal flora, including bacterial vaginosis, and role of newly defined bacteria in the pathogenesis and diagnosis of BV; sexually transmitted infections and health care seeking behavior in sexual minority populations, including cervical neoplasia and BV in women who report sex with women; and diagnosis and epidemiology of genital chlamydial infection.

**Additional elements to be added to the public posting as they become available:**
- Peer Reviewers’ Comments – submitted by all 6 reviewers.

Page last reviewed 12/11/2014