



Panel 4: Models of Clinical Care and Workforce Issues

CDC/HRSA Advisory Committee on HIV, Viral Hepatitis
and STD Prevention and Treatment

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Vision: Healthy Communities, Healthy People



Agenda

- Panel Member Introductions
- HIV/AIDS Bureau Workforce and Model of Clinical Care Activities
 - AIDS Education and Training Centers
 - Models of Care and the Ryan White HIV/AIDS Program Project
 - Ryan White HIV/AIDS Program Chart Abstraction Project
- Presentation 1: The PATHways Program at the Vanderbilt Comprehensive Care Clinic: An Innovative Approach to Reach Traumatized, Marginalized People with HIV Otherwise Not Engaged in Care
- Presentation 2: Ending the HIV Epidemic: Models of Clinical Care and Workforce



Panel Member Introductions



HIV/AIDS Bureau Workforce and Model of Clinical Care Activities



AIDS Education and Training Centers, continued

Goals:

- Increase the size and strengthen the skills of the HIV clinical workforce in the United States
- Improve outcomes along the HIV care continuum, including diagnosis, linkage, retention and viral suppression, in alignment with the National HIV/AIDS Strategy, through training and technical assistance
- Reduce HIV incidence by improving the achievement and maintenance of viral suppression of people with HIV



AIDS Education and Training Centers, continued

Program Components:

- Core Training
- Minority AIDS Initiative
- Practice Transformation
- Practice Transformation Expansion Project
- Interprofessional Education Project



AIDS Education and Training Centers, continued

Free expert clinician consultation to healthcare providers through phone and e-consultation:

- HIV/AIDS Management Warmline
- Perinatal HIV Hotline
- Hepatitis C Management Warmline
- Substance Use Management Warmline
- PEPLINE Warmline
- PrEPLINE Warmline



AIDS Education and Training Centers, continued

- National HIV Curriculum (NHC) e-Learning Platform
- Integration of National HIV Curriculum into Health Care Provider Professional Education



Models of Care and the Ryan White HIV/AIDS Program

- Purpose: Determine which clinic care model leads to better outcomes for Ryan White HIV/AIDS Program clients and factors supporting the outcomes
- Mixed method study design including medical record abstraction, provider survey, provider interviews, and client focus groups



Models of Care and the Ryan White HIV/AIDS Program, continued

| Models of Care | |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Primary | Primary care provider is lead provider for HIV care, includes general medical care; refers out for additional infectious disease (ID) and other specialist services. |
| Specialty | HIV or ID provider is the lead provider for HIV care, includes general medical care; refers out other specialist services. |
| Integrated | Involves both the primary and specialty care provider collaborating in the overall care of the patient. |

| Category | Definition |
|--------------------------------|------------------------------------------------------------------------------------------|
| Exclusively Primary Care | Primary care clinic that has not integrated HIV care |
| Exclusively HIV Specialty Care | Specialist clinic that has not integrated primary care |
| Primary Care-Led Co-Managed | Primary care clinic that has integrated HIV care |
| Specialist-Led Co-Managed | Specialist clinic that has integrated primary care |
| Integrated | Respondents unable to choose either primary led-co-managed or specialist-led co-managed. |



Models of Care and the Ryan White HIV/AIDS Program, continued

| Topic Area | Research Question |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Defining Model of Care | <ol style="list-style-type: none"> 1. What are the models of care used by RWHAP clinical care providers? 2. How do staff roles vary within models of care? 3. How do models of care used in the treatment of other chronic diseases differ from the models of care used in the treatment of HIV? |
| Patient Experience | <ol style="list-style-type: none"> 1. To what extent do patients seek out specific models of care? 2. How are issues of stigma and cultural competency addressed in different models of care? |
| Clinical Outcomes | <ol style="list-style-type: none"> 1. Which models of care have better HIV clinical outcomes, including retention and viral suppression? 2. How well is non HIV specific care provided among different models of care - such as routine vaccination, routine colon cancer screening, smoking cessation, etc.? |

Ryan White HIV/AIDS Program Chart Abstraction

- Purpose: Collect relevant, accurate, and complete data in order to fully assess the extent to which the care provided by RWHAP service providers is meeting the HHS and USPSTF guidelines
- Site visits to 50 Ryan White HIV/AIDS Program recipients/subrecipients funded to provide outpatient ambulatory health services
- Data are representative of the:
 - (1) Entire Ryan White HIV/AIDS Program when data are aggregated
 - (2) Client population at the facility where data are collected
- Sample population is large enough to make impute findings to the overall population



Ryan White HIV/AIDS Program Chart Abstraction, continued

Core variables:

- Collected every year
- Organizational and patient variables

Supplemental variables: In-depth data collection on a subset of variables

- Option year 1 and 3: Sexually transmitted infection screening and treatment
- Option year 2:
 - Hepatitis vaccination, screening, and treatment
 - Opioid dependence screening and treatment



Ryan White HIV/AIDS Program Chart Abstraction, continued

Core Variables: Organizational

- Recipient type
- Number of patients
- Model of care
- Workforce
 - Provider demographics
 - Provider to patient ratio
 - Fully staffed

Core Variables: Patient

- Demographics
- Model of care
- Comorbidities
- Medications
- Laboratory tests
- Health screenings
- Age related screenings
- Vaccinations



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