The Florida Consortium to address Alcohol and HIV in Women

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Overview: Florida Consortium

Key Features

- Florida
- Women
- Treatment Implementation
- Immunology
- Collaborations
Persons Living with HIV and AIDS (PLWHAs)
Rates per 100,000 Population
Reported by County of Residence*
Florida, Data Through 2008

N=86,411

PLWHA Rates
Per 100,000

- 0.1 to 100.0
- 100.1 to 200.0
- 200.1 to 300.0
- > 300.0

*County totals exclude Department of Corrections cases (N=4,472). Numbers on counties are cases reported.
Data as of 04/27/09
Florida Consortium - Overview

Immune Dysfunction

Project 3

Clinical Trial

Project 1

Alcohol HIV Cohort

Project 2
Specific Aims

1. Determine whether a prescription medication (naltrexone 50mg oral tablet) will result in reduced alcohol consumption in HIV-infected women.

2. Determine whether a prescription medication to reduce alcohol consumption results in:
   • improved HIV medication adherence
   • reduced HIV disease progression
   • reduced risky sexual behavior
   • improved HIV-related health outcomes
Project 1: Randomized Trial

240 Women with hazardous drinking

Baseline | 2-month | 4-month | 7-month
---------|---------|---------|---------
Treatment | N=120 | Main Outcome | Outcome Assessment
Placebo | N=120 | Stop treatment | Outcome Assessment

Immunology samples
Recruitment at Jackson Memorial Hospital Clinics and Surrounding Neighborhoods, Miami, Florida
Platelets Mediating Alcohol and HIV Damage
(M Miguez, PI)

• Funded by NIAAA in 2009
• Cohort study - 3-4 years of follow-up
• 220 of 550 persons with HIV recruited
  (men and women, drinkers and non-drinkers, 40% Hispanic, 50% AA)
• Main Outcomes:
  Platelet function
  Lipids (low cholesterol of special interest)
  Immune markers
  Cognitive functioning
Immune Dys-regulation in HIV-Infected Women with Alcohol Consumption (S Desai, PI)

- **Participants**
  - 200 persons from WIHS cohort
  - 3 repeated observations over 3 – 10 years
  - 4 groups HIV/Drinking status
  - Additional participants from naltrexone trial

- **Outcomes**
  - Immunological parameters - immune activation, inflammation and senescence
  - Microbial translocation
Future Plans

- Infrastructure Development
- Expansion to Broward County
- Continued Collaborations
- WIHS, VACS, CHAART